



TRANE Supply



HVAC Parts and Supplies Catalog

Your one-stop shop for all your part needs

DON'T SEE **WHAT YOU NEED?**

We have access to thousands of the industry's best HVAC parts and supplies.

- Belts and sheaves
- Capacitors
- Chemicals
- Compressors
- Equipment
- Fan blades and blower wheels
- Flow controls
- Fuses and other electrical accessories
- Motors
- Supplies
- Thermostats and controls
- Tools

*...and much more as we have all of the products
you need to get the job done!*

Visit us online at the address below.

Contact your local Trane Parts Center for a login and password.

www.comfortsite.com



Over the years, you have become accustomed to visiting your local Trane Parts store for genuine OEM parts and supplies. You've told us you not only want quality parts when you need them, but a partner that can provide solutions to help you grow your business.

Trane Supply is the answer!

Our goal is to provide you with the best possible service and support, whether by phone, online through Comfortsite, in our attractive, well-designed stores, or through a personal connection with your local account manager. We truly aim to be your preferred business partner.

Come visit a store today. We're looking forward to serving you!

"It's not just about the part, but the partnership!"

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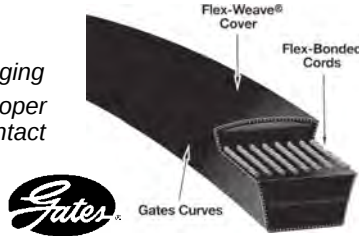
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V-Belts

Hi-Power® II Heavy-Duty V-Belts

- Suitable for all industrial applications, including v-flat drives
- Resists oil, heat, ozone, sunlight, weather, and aging
- Gates curves provide proper cord support and full contact with the sheave-groove
- Flex-bonded cords
- Flex-Weave® cover
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



Series 9002 Hi-Power® II Heavy-Duty V-Belt

- A Section: 5/16"H x 1/2"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
A20	9002-2020	A	22"
A21	9002-2021	A	23"
A22	9002-2022	A	24"
A23	9002-2023	A	25"
A24	9002-2024	A	26"
A25	9002-2025	A	27"
A26	9002-2026	A	28"
A27	9002-2027	A	29"
A28	9002-2028	A	30"
A29	9002-2029	A	31"
A29.8	9002-2298	A	31.8"
A30	9002-2030	A	32"
A31	9002-2031	A	33"
A32	9002-2032	A	34"
A34	9002-2034	A	36"
A35	9002-2035	A	37"
A36	9002-2036	A	38"
A37	9002-2037	A	39"
A38	9002-2038	A	40"
A39	9002-2039	A	41"
A40	9002-2040	A	42"
A41	9002-2041	A	43"
A42	9002-2042	A	44"
A43	9002-2043	A	45"
A44	9002-2044	A	46"
A46	9002-2046	A	48"
A47	9002-2047	A	49"
A49	9002-2049	A	51"
A50	9002-2050	A	52"
A51	9002-2051	A	53"

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9002 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
A53	9002-2053	A	55"
A54	9002-2054	A	56"
A55	9002-2055	A	57"
A57	9002-2057	A	59"
A59	9002-2059	A	61"
A60	9002-2060	A	62"
A61	9002-2061	A	63"
A62	9002-2062	A	64"
A63	9002-2063	A	65"
A64	9002-2064	A	66"
A65	9002-2065	A	67"
A66	9002-2066	A	68"
A67	9002-2067	A	69"
A68	9002-2068	A	70"
A69	9002-2069	A	71"
A70	9002-2070	A	72"
A71	9002-2071	A	73"
A72	9002-2072	A	74"
A73	9002-2073	A	75"
A74	9002-2074	A	76"
A75	9002-2075	A	77"
A76	9002-2076	A	78"
A77	9002-2077	A	79"
A78	9002-2078	A	80"
A80	9002-2080	A	82"
A81	9002-2081	A	83"
A82	9002-2082	A	84"
A83	9002-2083	A	85"
A84	9002-2084	A	86"
A85	9002-2085	A	87"
A86	9002-2086	A	88"
A87	9002-2087	A	89"
A89	9002-2089	A	91"
A90	9002-2090	A	92"
A91	9002-2091	A	93"
A92	9002-2092	A	94"
A93	9002-2093	A	95"
A94	9002-2094	A	96"
A95	9002-2095	A	97"
A97	9002-2097	A	99"

V-Belts

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9002 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
A99	9002-2099	A	101"
A100	9002-2100	A	102"
A101	9002-2101	A	103"
A102	9002-2102	A	104"
A103	9002-2103	A	105"
A104	9002-2104	A	106"
A105	9002-2105	A	107"
A106	9002-2106	A	108"
A107	9002-2107	A	109"
A108	9002-2108	A	110"
A110	9002-2110	A	112"
A112	9002-2112	A	114"
A113	9002-2113	A	115"
A114	9002-2114	A	116"
A116	9002-2116	A	118"
A117	9002-2117	A	119"
A118	9002-2118	A	120"
A120	9002-2120	A	122"
A124	9002-2124	A	126"
A125	9002-2125	A	127"
A127	9002-2127	A	129"
A128	9002-2128	A	130"
A130	9002-2130	A	132"
A132	9002-2132	A	134"
A133	9002-2133	A	135"
A134	9002-2134	A	136"
A137	9002-2137	A	139"
A140	9002-2140	A	142"
A144	9002-2144	A	146"
A148	9002-2148	A	150"
A152	9002-2152	A	154"
A156	9002-2156	A	158"
A157	9002-2157	A	159"
A158	9002-2158	A	160"
A162	9002-2162	A	164"
A167	9002-2167	A	169"
A173	9002-2173	A	175"
A180	9002-2180	A	182"
A187	9002-2187	A	189"
A197	9002-2197	A	199"

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9002 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
A200	9002-2200	A	202"

Series 9003 Hi-Power® II Heavy-Duty V-Belt

• B section: 13/32"H x 21/32"W



Part #	Mfg #	Cross-Sect Size	Belt O.C.
B24	9003-2024	B	27"
B25	9003-2025	B	28"
B26	9003-2026	B	29"
B27	9003-2027	B	30"
B28	9003-2028	B	31"
B29	9003-2029	B	32"
B30	9003-2030	B	33"
B31	9003-2031	B	34"
B32	9003-2032	B	35"
B33	9003-2033	B	36"
B34	9003-2034	B	37"
B35	9003-2035	B	38"
B36	9003-2036	B	39"
B38	9003-2038	B	41"
B39	9003-2039	B	42"
B40	9003-2040	B	43"
B41	9003-2041	B	44"
B42	9003-2042	B	45"
B43	9003-2043	B	46"
B44	9003-2044	B	47"
B45	9003-2045	B	48"
B46	9003-2046	B	49"
B47	9003-2047	B	50"
B48	9003-2048	B	51"
B49	9003-2049	B	52"
B50	9003-2050	B	53"
B51	9003-2051	B	54"
B52	9003-2052	B	55"
B53	9003-2053	B	56"
B54	9003-2054	B	57"
B55	9003-2055	B	58"
B56	9003-2056	B	59"
B57	9003-2057	B	60"

V-Belts

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9003 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
B58	9003-2058	B	61"
B59	9003-2059	B	62"
B60	9003-2060	B	63"
B61	9003-2061	B	64"
B62	9003-2062	B	65"
B63	9003-2063	B	66"
B64	9003-2064	B	67"
B65	9003-2065	B	68"
B66	9003-2066	B	69"
B67	9003-2067	B	70"
B69	9003-2069	B	71"
B71	9003-2071	B	74"
B72	9003-2072	B	75"
B73	9003-2073	B	76"
B74	9003-2074	B	77"
B75	9003-2075	B	78"
B76	9003-2076	B	79"
B77	9003-2077	B	80"
B78	9003-2078	B	81"
B79	9003-2079	B	82"
B80	9003-2080	B	83"
B81	9003-2081	B	84"
B82	9003-2082	B	85"
B83	9003-2083	B	86"
B84	9003-2084	B	87"
B85	9003-2085	B	88"
B86	9003-2086	B	89"
B87	9003-2087	B	90"
B88	9003-2088	B	91"
B89	9003-2089	B	92"
B90	9003-2090	B	93"
B91	9003-2091	B	94"
B92	9003-2092	B	95"
B93	9003-2093	B	96"
B94	9003-2094	B	97"
B95	9003-2095	B	98"
B96	9003-2096	B	99"
B97	9003-2097	B	100"
B98	9003-2098	B	101"
B99	9003-2099	B	102"

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9003 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
B100	9003-2100	B	103"
B101	9003-2101	B	104"
B102	9003-2102	B	105"
B103	9003-2103	B	106"
B104	9003-2104	B	107"
B105	9003-2105	B	108"
B106	9003-2106	B	109"
B107	9003-2107	B	110"
B108	9003-2108	B	111"
B109	9003-2109	B	112"
B110	9003-2110	B	113"
B111	9003-2111	B	114"
B112	9003-2112	B	115"
B113	9003-2113	B	116"
B114	9003-2114	B	117"
B115	9003-2115	B	118"
B116	9003-2116	B	119"
B117	9003-2117	B	120"
B119	9003-2119	B	122"
B120	9003-2120	B	123"
B122	9003-2122	B	125"
B123	9003-2123	B	126"
B124	9003-2124	B	127"
B125	9003-2125	B	128"
B126	9003-2126	B	129"
B127	9003-2127	B	130"
B128	9003-2128	B	131"
B130	9003-2130	B	133"
B131	9003-2131	B	134"
B132	9003-2132	B	135"
B133	9003-2133	B	136"
B134	9003-2134	B	137"
B135	9003-2135	B	138"
B137	9003-2137	B	140"
B139	9003-2139	B	142"
B140	9003-2140	B	143"
B141	9003-2141	B	144"
B142	9003-2142	B	145"
B143	9003-2143	B	146"
B144	9003-2144	B	147"

V-Belts

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9003 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
B145	9003-2145	B	148"
B146	9003-2146	B	149"
B147	9003-2147	B	150"
B148	9003-2148	B	151"
B149	9003-2149	B	152"
B151	9003-2151	B	154"
B152	9003-2152	B	155"
B153	9003-2153	B	156"
B154	9003-2154	B	157"
B156	9003-2156	B	159"
B157	9003-2157	B	160"
B158	9003-2158	B	161"
B160	9003-2160	B	163"
B161	9003-2161	B	164"
B164	9003-2164	B	167"
B165	9003-2165	B	168"
B166	9003-2166	B	169"
B167	9003-2167	B	170"
B168	9003-2168	B	171"
B169	9003-2169	B	172"
B170	9003-2170	B	173"
B172	9003-2172	B	175"
B174	9003-2174	B	177"
B177	9003-2177	B	180"
B178	9003-2178	B	181"
B180	9003-2180	B	183"
B184	9003-2184	B	187"
B185	9003-2185	B	188"
B186	9003-2186	B	189"
B187	9003-2187	B	190"
B188	9003-2188	B	191"
B190	9003-2190	B	193"
B191	9003-2191	B	194"
B192	9003-2192	B	195"
B195	9003-2195	B	198"
B197	9003-2197	B	200"
B199	9003-2199	B	202"
B200	9003-2200	B	203"
B201	9003-2201	B	204"
B204	9003-2204	B	207"

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9003 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
B205	9003-2205	B	208"
B206	9003-2206	B	209"
B210	9003-2210	B	213"
B212	9003-2212	B	213"
B215	9003-2215	B	216"
B217	9003-2217	B	218"
B218	9003-2218	B	219"
B220	9003-2220	B	221"
B221	9003-2221	B	222"
B223	9003-2223	B	224"
B225	9003-2225	B	226"
B228	9003-2228	B	229"
B230	9003-2230	B	231"
B234	9003-2234	B	235"
B235	9003-2235	B	236"
B236	9003-2236	B	237"
B237	9003-2237	B	238"
B240	9003-2240	B	241"
B248	9003-2248	B	249"
B253	9003-2253	B	254"
B255	9003-2255	B	256"
B265	9003-2265	B	266"
B270	9003-2270	B	271"
B276	9003-2276	B	277"
B279	9003-2279	B	280"
B280	9003-2280	B	281"
B285	9003-2285	B	286"
B290	9003-2290	B	291"
B292	9003-2292	B	293"
B293	9003-2293	B	294"
B300	9003-2300	B	301"
B310	9003-2310	B	311"
B315	9003-2315	B	316"
B330	9003-2330	B	331"
B340	9003-2340	B	341"
B345	9003-2345	B	346"
B355	9003-2355	B	356"
B360	9003-2360	B	361"
B394	9003-2394	B	395"
B433	9003-2433	B	434"

V-Belts

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9003 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
B472	9003-2472	B	473"

Series 9004 Hi-Power® II Heavy-Duty V-Belt

- C Section: 17/32"H x 7/8"W



Part #	Mfg #	Cross-Sect Size	Belt O.C.
C44	9004-2044	C	48"
C45	9004-2045	C	49"
C47	9004-2047	C	51"
C48	9004-2048	C	52"
C49	9004-2049	C	53"
C50	9004-2050	C	54"
C51	9004-2051	C	55"
C52	9004-2052	C	56"
C53	9004-2053	C	57"
C54	9004-2054	C	58"
C55	9004-2055	C	59"
C56	9004-2056	C	60"
C57	9004-2057	C	61"
C58	9004-2058	C	62"
C59	9004-2059	C	63"
C60	9004-2060	C	64"
C61	9004-2061	C	65"
C62	9004-2062	C	66"
C63	9004-2063	C	67"
C64	9004-2064	C	68"
C65	9004-2065	C	69"
C66	9004-2066	C	70"
C67	9004-2067	C	71"
C68	9004-2068	C	72"
C69	9004-2069	C	73"
C70	9004-2070	C	74"
C71	9004-2071	C	75"
C73	9004-2073	C	77"
C74	9004-2074	C	78"
C75	9004-2075	C	79"
C76	9004-2076	C	80"
C77	9004-2077	C	81"
C78	9004-2078	C	82"

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9004 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
C79	9004-2079	C	83"
C80	9004-2080	C	84"
C81	9004-2081	C	85"
C82	9004-2082	C	86"
C83	9004-2083	C	87"
C84	9004-2084	C	88"
C85	9004-2085	C	89"
C86	9004-2086	C	90"
C87	9004-2087	C	91"
C88	9004-2088	C	92"
C89	9004-2089	C	93"
C91	9004-2091	C	95"
C92	9004-2092	C	96"
C93	9004-2093	C	97"
C94	9004-2094	C	98"
C95	9004-2095	C	99"
C96	9004-2096	C	100"
C97	9004-2097	C	101"
C98	9004-2098	C	102"
C99	9004-2099	C	103"
C100	9004-2100	C	104"
C101	9004-2101	C	105"
C102	9004-2102	C	106"
C103	9004-2103	C	107"
C104	9004-2104	C	108"
C105	9004-2105	C	109"
C106	9004-2106	C	110"
C107	9004-2107	C	111"
C108	9004-2108	C	112"
C109	9004-2109	C	113"
C110	9004-2110	C	114"
C111	9004-2111	C	115"
C112	9004-2112	C	116"
C113	9004-2113	C	117"
C114	9004-2114	C	118"
C115	9004-2115	C	119"
C116	9004-2116	C	120"
C117	9004-2117	C	121"
C118	9004-2118	C	122"
C119	9004-2119	C	123"

V-Belts

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9004 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
C120	9004-2120	C	124"
C121	9004-2121	C	125"
C122	9004-2122	C	126"
C123	9004-2123	C	127"
C124	9004-2124	C	128"
C125	9004-2125	C	129"
C126	9004-2126	C	130"
C127	9004-2127	C	131"
C128	9004-2128	C	132"
C130	9004-2130	C	134"
C131	9004-2131	C	135"
C132	9004-2132	C	136"
C133	9004-2133	C	137"
C134	9004-2134	C	138"
C135	9004-2135	C	139"
C136	9004-2136	C	140"
C137	9004-2137	C	141"
C138	9004-2138	C	142"
C139	9004-2139	C	143"
C140	9004-2140	C	144"
C141	9004-2141	C	145"
C142	9004-2142	C	146"
C143	9004-2143	C	147"
C144	9004-2144	C	148"
C145	9004-2145	C	149"
C146	9004-2146	C	150"
C147	9004-2147	C	151"
C148	9004-2148	C	152"
C149	9004-2149	C	153"
C150	9004-2150	C	154"
C151	9004-2151	C	155"
C152	9004-2152	C	156"
C153	9004-2153	C	157"
C154	9004-2154	C	158"
C155	9004-2155	C	159"
C156	9004-2156	C	160"
C157	9004-2157	C	161"
C158	9004-2158	C	162"
C160	9004-2160	C	164"
C162	9004-2162	C	166"

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9004 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
C164	9004-2164	C	168"
C165	9004-2165	C	169"
C166	9004-2166	C	170"
C167	9004-2167	C	171"
C168	9004-2168	C	172"
C169	9004-2169	C	173"
C170	9004-2170	C	174"
C175	9004-2175	C	179"
C176	9004-2176	C	180"
C177	9004-2177	C	181"
C178	9004-2178	C	182"
C180	9004-2180	C	184"
C181	9004-2181	C	185"
C182	9004-2182	C	186"
C183	9004-2183	C	187"
C184	9004-2184	C	188"
C185	9004-2185	C	189"
C187	9004-2187	C	191"
C188	9004-2188	C	192"
C189	9004-2189	C	193"
C190	9004-2190	C	194"
C193	9004-2193	C	197"
C195	9004-2195	C	199"
C197	9004-2197	C	201"
C198	9004-2198	C	202"
C200	9004-2200	C	204"
C202	9004-2202	C	206"
C204	9004-2204	C	208"
C205	9004-2205	C	209"
C206	9004-2206	C	210"
C207	9004-2207	C	211"
C208	9004-2208	C	212"
C210	9004-2210	C	214"
C214	9004-2214	C	216"
C215	9004-2215	C	217"
C218	9004-2218	C	220"
C220	9004-2220	C	222"
C221	9004-2221	C	223"
C225	9004-2225	C	227"
C228	9004-2228	C	230"

V-Belts

Hi-Power® II Heavy-Duty V-Belts (Continued)

Series 9004 Hi-Power® II Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
C229	9004-2229	C	231"
C230	9004-2230	C	232"
C235	9004-2235	C	237"
C238	9004-2238	C	240"
C240	9004-2240	C	242"
C245	9004-2245	C	247"
C246	9004-2246	C	248"
C248	9004-2248	C	250"
C250	9004-2250	C	252"
C255	9004-2255	C	257"
C264	9004-2264	C	266"
C265	9004-2265	C	267"
C270	9004-2270	C	272"
C275	9004-2275	C	277"
C276	9004-2276	C	278"
C280	9004-2280	C	282"
C285	9004-2285	C	287"
C290	9004-2290	C	292"
C295	9004-2295	C	297"
C297	9004-2297	C	299"
C300	9004-2300	C	302"
C303	9004-2303	C	305"
C314	9004-2314	C	316"
C315	9004-2315	C	317"
C320	9004-2320	C	322"
C330	9004-2330	C	332"
C345	9004-2345	C	347"
C360	9004-2360	C	362"
C390	9004-2390	C	392"
C420	9004-2420	C	422"
C450	9004-2450	C	452"

Series 9005 Hi-Power® II V-Belt

- D Section: 3/4"H x 1-1/4"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
D120	9005-2120	D	125"



Hi-Power® II PowerBand® Heavy-Duty V-Belts

- Suitable for drives where single belts vibrate, turn over or jump off the drive
- Allows multiple belts to function as a single unit, with even load distribution
- Concave sidewalls
- Tie band assures high lateral rigidity
- Flex-bonded cords
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



Series 9093 Hi-Power® II PowerBand® Heavy-Duty V-Belt

- B Section: 13/32"H x 21/32"W

Part #	Mfg #	Strand	Belt O.C.
2B56	9093-2056	2	59"
2B93	9093-2093	2	96"
2B97	9093-2097	2	100"
2B103	9093-2103	2	106"
2B115	9093-2115	2	118"
2B120	9093-2120	2	123"
2B124	9093-2124	2	127"
2B128	9093-2128	2	131"
2B133	9093-2133	2	136"
2B136	9093-2136	2	139"
2B144	9093-2144	2	147"
3B51	9093-3051	3	54"
3B54	9093-3054	3	57"
3B108	9093-3108	3	111"
3B120	9093-3120	3	123"
3B124	9093-3124	3	127"
3B128	9093-3128	3	131"
3B136	9093-3136	3	139"
3B144	9093-3144	3	147"
3B158	9093-3158	3	161"
4B120	9093-4120	4	123"
4B128	9093-4128	4	131"
5B133	9093-5133	5	136"
5B148	9093-5148	5	151"
5B158	9093-5158	5	161"
5B180	9093-5180	5	183"
6B136	9093-6136	6	139"
6B148	9093-6148	6	151"

V-Belts

Series 9094 Hi-Power® II PowerBand® Heavy-Duty V-Belt

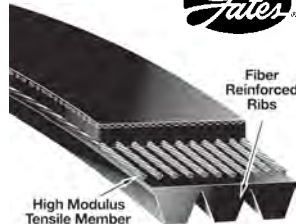
- C Section: 17/32"H x 7/8"W



Part #	Mfg #	Cross-Sect Size	Belt O.C.
5C75	9094-5075	5	79"

Micro-V® Heavy-Duty Belts

- Suitable for applications such as appliances, outdoor power equipment, roller conveyors, machine tools, medical equipment and exercise equipment
- Truncated profile gives increased flexibility, reduced heat buildup, and allows performance at higher speed on smaller diameter sheaves
- Fiber reinforced ribs
- High modulus low stretch tensile member
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



Series 9171 Micro-V® Heavy-Duty Belt

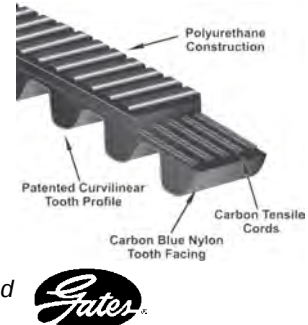
- J Section: each rib measures 3/32"

Part #	Mfg #	Cross-Sect Size	Belt O.C.
730J4	9171-07304	J	73"

Don't just replace a broken or worn V-Belt. There may be factors causing premature belt failure. Make sure to check for: broken or damaged sheaves, severe sheave groove wear, bent or broken shafts, or extremely hot bearings.

Poly Chain® GT® Carbon™ Synchronous Belts

- Designed for all industrial markets, especially suited to replace roller chain drives
- Maintenance-free, clean solution for roller chain drive conversion
- Curvilinear tooth profile provides high shear strength, noise reduction, and improved load carrying capacity
- Carbon tensile cord combines minimal stretch with high strength and load carrying capacity
- Operational in temperature extremes of -65°F to +185°F



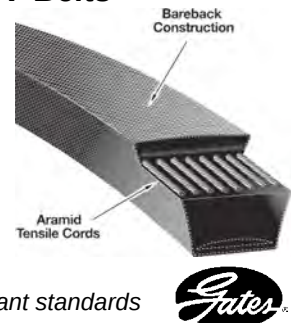
Series 9274 Poly Chain® GT® Carbon™ V-Belt

- 14 Pitch-37mm wide

Part #	Mfg #	No. of Teeth	Belt O.C.
14MGT-15	9274-5112	112	61.73"
68-37			

PowerRated® Light-Duty V-Belts

- Alternative to conventional light-duty belts
- Suitable where FHP belts are used
- Bareback construction for smooth clutching
- Aramid tensile cords combine limited stretch with high strength
- Meets RMA oil and heat resistant standards



Series 8423 PowerRated® Light-Duty V-Belt

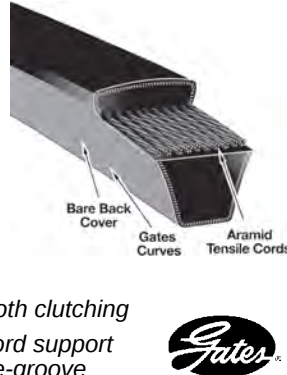
- 2 or 4L Section: 7/32"H x 3/8"W
- 3 or 5L Section: 3/8"H x 21/32"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
4L250K	8423-6825	2	25"
4L300K	8423-6830	2	30"
5L640K	8423-6964	3	64"

V-Belts

Predator® Heavy-Duty Single-Belts

- Designed for aggressive applications
- Suitable for applications such as mining, agriculture, wood processing, oil field equipment, heavy construction, and sand/gravel operations
- Aramid tensile cords combine limited stretch with high strength
- Bareback construction for smooth clutching
- Gates curves provide proper cord support and full contact with the sheave-groove
- Meets RMA oil and heat resistant standards



Series 9185 Predator® Heavy-Duty Single-Belt

- AP Section: 5/16"H x 1/2"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
AP44B	9185-0044	AP	46"
AP47B	9185-0047	AP	49"

Series 9186 Predator® Heavy-Duty Single-Belt

- BP Section: 13/32"H x 2/32"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
BP42	9186-0042	BP	45"

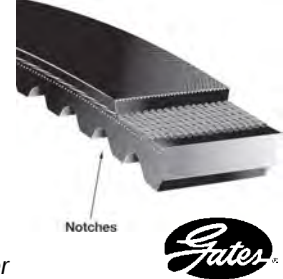
Series 9188 Predator® Single Belt

- 5VP Section: 5/8"H x 35/64"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
5VP800	9188-0080	5VP	80"

Series 9800 Multi-Speed V-Belts

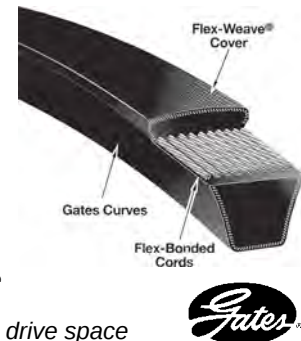
- Suitable for all industrial, wide-speed range open pulley or enclosed device
- variable speed drives
- Banded
- High modulus fiber low stretch tensil member
- Notch design reduces thermal and bending stresses for longer life
- Smooth running construction for minimal vibration at high speeds
- Meets RMA oil and heat resistant standards



Part #	Mfg #	Top Width	Belt O.C.
4430V690	9800-0444	2-3/4	70"

Super HC® Heavy-Duty V-Belts

- Suitable for all industrial applications, particularly where space, weight, and horsepower capacity are critical
- Gates curves provide proper cord support and full contact with the sheave-groove
- Narrow cross-sections can transmit up to three times the horsepower of the classical cross-sections with the same drive space
- Flex-bonded cords
- Flex-Weave® cover
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



Series 9332 Super HC® Heavy-Duty V-Belt

- 3V Section: 21/64"H x 3/8"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
3V250	9332-0250	3V	25"
3V265	9332-0265	3V	26.5"
3V280	9332-0280	3V	28"
3V300	9332-0300	3V	30"
3V315	9332-0315	3V	31.5"
3V335	9332-0335	3V	33.5"
3V355	9332-0355	3V	35.5"

V-Belts

Super HC® Heavy-Duty V-Belts (Continued)

Series 9332 Super HC® Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
3V375	9332-0375	3V	37.5"
3V400	9332-0400	3V	40"
3V420	9332-0420	3V	42"
3V425	9332-0425	3V	42.5"
3V450	9332-0450	3V	45"
3V475	9332-0475	3V	47.5"
3V500	9332-0500	3V	50"
3V530	9332-0530	3V	53"
3V590	9332-0590	3V	59"
3V600	9332-0600	3V	60"
3V630	9332-0630	3V	63"
3V650	9332-0650	3V	65"
3V670	9332-0670	3V	67"
3V710	9332-0710	3V	71"
3V730	9332-0730	3V	73"
3V750	9332-0750	3V	75"
3V800	9332-0800	3V	80"
3V810	9332-0810	3V	81"
3V830	9332-0830	3V	83"
3V850	9332-0850	3V	85"
3V950	9332-0950	3V	95"
3V1120	9332-1120	3V	112"
3V1180	9332-1180	3V	118"
3V1250	9332-1250	3V	125"
3V1320	9332-1320	3V	132"
3V1400	9332-1400	3V	140"

Series 9334 Super HC® Heavy-Duty V-Belt

- 5V Section: 35/64"H x 5/8"W



Part #	Mfg #	Cross-Sect Size	Belt O.C.
5V500	9334-0500	5V	50"
5V530	9334-0530	5V	53"
5V600	9334-0600	5V	60"
5V630	9334-0630	5V	63"
5V670	9334-0670	5V	67"
5V710	9334-0710	5V	71"
5V750	9334-0750	5V	75"
5V800	9334-0800	5V	80"
5V850	9334-0850	5V	85"

Super HC® Heavy-Duty V-Belts (Continued)

Series 9334 Super HC® Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
5V900	9334-0900	5V	90"
5V950	9334-0950	5V	95"
5V1000	9334-1000	5V	100"
5V1060	9334-1060	5V	106"
5V1250	9334-1250	5V	125"
5V1320	9334-1320	5V	132"
5V1500	9334-1500	5V	150"
5V1600	9334-1600	5V	160"
5V1700	9334-1700	5V	170"
5V1710	9334-1710	5V	171"
5V1800	9334-1800	5V	180"
5V1900	9334-1900	5V	190"
5V2120	9334-2120	5V	212"
5V2240	9334-2240	5V	240"
5V2360	9334-2360	5V	236"
5V2500	9334-2500	5V	250"
5V2650	9334-2650	5V	265"
5V2800	9334-2800	5V	280"
5V3000	9334-3000	5V	300"
5V3150	9334-3150	5V	315"
5V3350	9334-3350	5V	335"
5V3550	9334-3550	5V	355"

Series 9336 Super HC® Heavy-Duty V-Belt



- 8V Section: 53/64"H x 1"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
8V1000	9336-1000	8V	100"
8V1120	9336-1120	8V	112"
8V1180	9336-1180	8V	118"
8V1250	9336-1250	8V	125"
8V1400	9336-1400	8V	140"
8V1500	9336-1500	8V	150"
8V1600	9336-1600	8V	160"
8V1700	9336-1700	8V	170"
8V1800	9336-1800	8V	180"
8V1900	9336-1900	8V	190"
8V2000	9336-2000	8V	200"
8V2120	9336-2120	8V	212"
8V2240	9336-2240	8V	224"

V-Belts

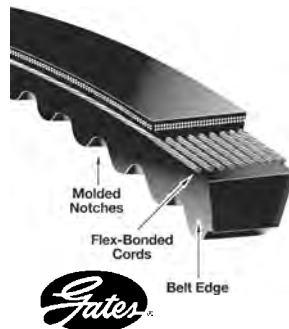
Super HC® Heavy-Duty V-Belts (Continued)

Series 9336 Super HC® Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
8V2360	9336-2360	8V	236"
8V2500	9336-2500	8V	250"
8V2650	9336-2650	8V	265"
8V2800	9336-2800	8V	280"
8V3000	9336-3000	8V	300"
8V3150	9336-3150	8V	315"
8V3350	9336-3350	8V	335"
8V3550	9336-3550	8V	355"
8V4500	9336-4500	8V	450"

Super HC® Molded Notch Heavy-Duty V-Belts

- For use where conventional v-belts are impractical, where space, weight or sheave limitations are present, and where increased horsepower is required
- Smaller sheave diameters
- Higher horsepower rating
- Flex-bonded cords
- Machined belt edge
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



Series 9412 Super HC® Molded Notch Heavy-Duty V-Belt

- 3VX Section: 21/64"H x 3/8"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
3VX250	9412-0250	3VX	25"
3VX265	9412-0265	3VX	26.5"
3VX280	9412-0280	3VX	28"
3VX300	9412-0300	3VX	30"
3VX315	9412-0315	3VX	31.5"
3VX326	9412-0326	3VX	32.6"
3VX335	9412-0335	3VX	33.5"
3VX350	9412-0350	3VX	35"
3VX355	9412-0355	3VX	35.5"
3VX366	9412-0366	3VX	36.6"
3VX375	9412-0375	3VX	37.5"

Super HC® Molded Notch Heavy-Duty V-Belts (Continued)

Series 9412 Super HC® Molded Notch Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
3VX385	9412-0385	3VX	38.5"
3VX390	9412-0390	3VX	39"
3VX400	9412-0400	3VX	40"
3VX415	9412-0415	3VX	41.5"
3VX425	9412-0425	3VX	42.5"
3VX464	9412-0464	3VX	46.4"
3VX475	9412-0475	3VX	47.5"
3VX520	9412-0520	3VX	52"
3VX540	9412-0540	3VX	54"
3VX550	9412-0550	3VX	55"
3VX570	9412-0570	3VX	57"
3VX580	9412-0580	3VX	58"
3VX590	9412-0590	3VX	59"
5VX600	9412-0600	3VX	60"
3VX616	9412-0616	3VX	61.6"
3VX630	9412-0630	3VX	63"
3VX650	9412-0650	3VX	65"
3VX670	9412-0670	3VX	67"
3VX690	9412-0690	3VX	69"
3VX710	9412-0710	3VX	71"
3VX750	9412-0750	3VX	75"
3VX800	9412-0800	3VX	80"
3VX850	9412-0850	3VX	85"
3VX926	9412-0926	3VX	92.6"
3VX950	9412-0950	3VX	95"
3VX974	9412-0974	3VX	97.4"
3VX1000	9412-1000	3VX	100"
3VX1027	9412-1027	3VX	102.7"
3VX1060	9412-1060	3VX	106"
3VX1088	9412-1088	3VX	108.8"
3VX1120	9412-1120	3VX	112"
3VX1146	9412-1146	3VX	114.6"
3VX1180	9412-1180	3VX	118"
3VX1224	9412-1224	3VX	122.4"
3VX1250	9412-1250	3VX	125"
3VX1296	9412-1296	3VX	129.6"
3VX1320	9412-1320	3VX	132"
3VX1400	9412-1400	3VX	140"

V-Belts

Series 9414 Super HC® Molded Notch Heavy-Duty V-Belt

- 5VX: 35/64"H x 5/8"W



Part #	Mfg #	Cross-Sect Size	Belt O.C.
5VX350	9414-0350	5VX	35"
5VX362	9414-0362	5VX	36.2"
5VX372	9414-0372	5VX	37.2"
5VX382	9414-0382	5VX	38.2"
5VX392	9414-0392	5VX	39.2"
5VX402	9414-0402	5VX	40.2"
5VX412	9414-0412	5VX	41.2"
5VX422	9414-0422	5VX	42.2"
5VX433	9414-0433	5VX	43.3"
5VX450	9414-0450	5VX	45"
5VX459	9414-0459	5VX	45.9"
5VX470	9414-0470	5VX	47"
5VX479	9414-0479	5VX	47.9"
5VX490	9414-0490	5VX	49"
5VX500	9414-0500	5VX	50"
5VX510	9414-0510	5VX	51"
5VX519	9414-0519	5VX	51.9"
5VX530	9414-0530	5VX	53"
5VX540	9414-0540	5VX	54"
5VX570	9414-0570	5VX	57"
5VX590	9414-0590	5VX	59"
5VX610	9414-0610	5VX	61"
5VX619	9414-0619	5VX	61.9"
5VX630	9414-0630	5VX	63"
5VX650	9414-0650	5VX	65"
5VX660	9414-0660	5VX	66"
5VX670	9414-0670	5VX	67"
5VX680	9414-0680	5VX	68"
5VX690	9414-0690	5VX	69"
5VX700	9414-0700	5VX	70"
5VX710	9414-0710	5VX	71"
5VX720	9414-0720	5VX	72"
5VX730	9414-0730	5VX	73"
5VX740	9414-0740	5VX	74"
5VX750	9414-0750	5VX	75"
5VX760	9414-0760	5VX	76"
5VX769	9414-0769	5VX	76.9"
5VX780	9414-0780	5VX	78"
5VX790	9414-0790	5VX	79"
5VX800	9414-0800	5VX	80"

Super HC® Molded Notch Heavy-Duty V-Belts (Continued)

Series 9414 Super HC® Molded Notch Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
5VX810	9414-0810	5VX	81"
5VX830	9414-0830	5VX	83"
5VX850	9414-0850	5VX	85"
5VX860	9414-0860	5VX	86"
5VX867	9414-0867	5VX	86.7"
5VX880	9414-0880	5VX	88"
5VX890	9414-0890	5VX	89"
5VX900	9414-0900	5VX	90"
5VX918	9414-0918	5VX	91.8"
5VX940	9414-0940	5VX	94"
5VX950	9414-0950	5VX	95"
5VX960	9414-0960	5VX	96"
5VX978	9414-0978	5VX	97.8"
5VX990	9414-0990	5VX	99"
5VX1000	9414-1000	5VX	100"
5VX1017	9414-1017	5VX	101.7"
5VX1030	9414-1030	5VX	103"
5VX1050	9414-1050	5VX	105"
5VX1060	9414-1060	5VX	106"
5VX1080	9414-1080	5VX	108"
5VX1108	9414-1108	5VX	110.8"
5VX1120	9414-1120	5VX	112"
5VX1139	9414-1139	5VX	113.9"
5VX1150	9414-1150	5VX	115"
5VX1160	9414-1160	5VX	116"
5VX1162	9414-1162	5VX	116.2"
5VX1180	9414-1180	5VX	118"
5VX1220	9414-1220	5VX	122"
5VX1230	9414-1230	5VX	123"
5VX1250	9414-1250	5VX	125"
5VX1277	9414-1277	5VX	127.7"
5VX1320	9414-1320	5VX	132"
5VX1374	9414-1374	5VX	137.4"
5VX1400	9414-1400	5VX	140"
5VX1469	9414-1469	5VX	146.9"
5VX1600	9414-1600	5VX	160"
5VX1700	9414-1700	5VX	170"
5VX1701	9414-1701	5VX	170.1"
5VX2000	9414-2000	5VX	200"

V-Belts

Super HC® Molded Notch PowerBand® Heavy-Duty V-Belts



- Suitable for multiple v-belt drives exposed to pulsating or heavy shock loads
- Allows multiple belts to function as a single unit
- Notches molded into belt during manufacturing make this belt well suited for drives with smaller diameter sheaves
- Flex-bonded cords
- Tie band assures high lateral rigidity
- Patented EPDM material provides -60°F + 250°F
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity



Series 9388 Super HC® Molded Notch PowerBand® Heavy-Duty V-Belt

- 3VX Section: 21/64"H x 3/8"W

Part #	Mfg #	Strand	Belt O.C.
53VX600	9388-5060	5	60"

Series 9389 Super HC® Molded Notch PowerBand® Heavy-Duty V-Belt

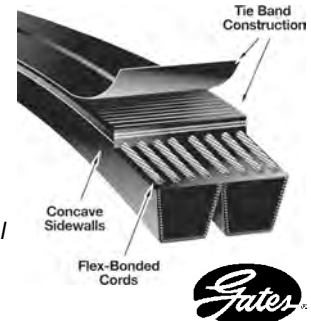
- 5VX Section: 35/64"H x 5/8"W

Part #	Mfg #	Strand	Belt O.C.
2-5VX1250	9389-2125	2	125"
45VX900	9389-4090	4	90"
45VX1000	9389-4100	4	100"

Ozone attacks and degrades belt materials very much like elevated temperature. The stock begins to dry out and crack. For most standard stocks 100 pphm ozone would equate to 180°F in temperature. The EPDM material used in Gates standard molded notch belts has a higher ozone resistance than standard V-Belts.

Super HC® PowerBand® Heavy-Duty V-Belts

- Recommended for multiple V-belt drives exposed to pulsating or heavy shock loads
- Allows multiple belts to function as a single unit
- Tie band assures high lateral rigidity
- Concave sidewall
- Flex-bonded cords
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



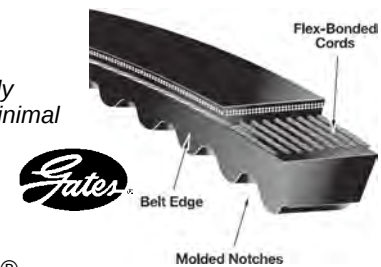
Series 9386 Super HC® PowerBand® Heavy-Duty V-Belt

- 5V Section: 35/64"H x 5/8"W

Part #	Mfg #	Strand	Belt O.C.
35V1320	9386-3132	3	132"
35V1400	9386-3140	3	140"
35V1600	9386-3160	3	160"
45V1600	9386-4160	4	160"
55V1600	9386-5160	5	160"

Tri-Power® Molded Notch Heavy-Duty V-Belts

- Suitable for industrial applications especially where small or sub-minimal sheave diameters are required
- Flex-bonded cords
- Machined belt edge
- Constructed of Vextra®, superior mix of flex and load
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



Series 9012 Tri-Power® Molded Notch Heavy-Duty V-Belt

- AX Section: 5/16"H x 1/2"W

Part #	Mfg #	Cross-Sect Size	Belt O.C.
AX21	9012-2021	AX	23"
AX22	9012-2022	AX	24"

V-Belts

Tri-Power® Molded Notch Heavy-Duty V-Belts (Continued)

Series 9012 Tri-Power® Molded Notch Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
AX23	9012-2023	AX	25"
AX24	9012-2024	AX	26"
AX25	9012-2025	AX	27"
AX27	9012-2027	AX	29"
AX28	9012-2028	AX	30"
AX29	9012-2029	AX	31"
AX30	9012-2030	AX	32"
AX31	9012-2031	AX	33"
AX32	9012-2032	AX	34"
AX33	9012-2033	AX	35"
AX34	9012-2034	AX	36"
AX36	9012-2036	AX	38"
AX38	9012-2038	AX	40"
AX39	9012-2039	AX	41"
AX40	9012-2040	AX	42"
AX41	9012-2041	AX	43"
AX42	9012-2042	AX	44"
AX43	9012-2043	AX	45"
AX44	9012-2044	AX	46"
AX45	9012-2045	AX	47"
AX46	9012-2046	AX	48"
AX47	9012-2047	AX	49"
AX48	9012-2048	AX	50"
AX49	9012-2049	AX	51"
AX50	9012-2050	AX	52"
AX51	9012-2051	AX	53"
AX52	9012-2052	AX	54"
AX53	9012-2053	AX	55"
AX54	9012-2054	AX	56"
AX55	9012-2055	AX	57"
AX56	9012-2056	AX	58"
AX57	9012-2057	AX	59"
AX58	9012-2058	AX	60"
AX59	9012-2059	AX	61"
AX60	9012-2060	AX	62"
AX61	9012-2061	AX	63"
AX62	9012-2062	AX	64"
AX63	9012-2063	AX	65"
AX64	9012-2064	AX	66"

Tri-Power® Molded Notch Heavy-Duty V-Belts (Continued)

Series 9012 Tri-Power® Molded Notch Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
AX65	9012-2065	AX	67"
AX66	9012-2066	AX	68"
AX67	9012-2067	AX	69"
AX68	9012-2068	AX	70"
AX69	9012-2069	AX	71"
AX70	9012-2070	AX	72"
AX71	9012-2071	AX	73"
AX72	9012-2072	AX	74"
AX73	9012-2073	AX	75"
AX74	9012-2074	AX	76"
AX75	9012-2075	AX	77"
AX76	9012-2076	AX	78"
AX77	9012-2077	AX	79"
AX78	9012-2078	AX	80"
AX79	9012-2079	AX	81"
AX80	9012-2080	AX	82"
AX81	9012-2081	AX	83"
AX82	9012-2082	AX	84"
AX83	9012-2083	AX	85"
AX84	9012-2084	AX	86"
AX85	9012-2085	AX	87"
AX86	9012-2086	AX	88"
AX87	9012-2087	AX	89"
AX88	9012-2088	AX	90"
AX89	9012-2089	AX	91"
AX91	9012-2091	AX	93"
AX92	9012-2092	AX	94"
AX94	9012-2094	AX	96"
AX97	9012-2097	AX	99"
AX98	9012-2098	AX	100"
AX100	9012-2100	AX	102"
AX105	9012-2105	AX	107"
AX110	9012-2110	AX	112"
AX112	9012-2112	AX	114"
AX120	9012-2120	AX	122"
AX128	9012-2128	AX	130"
AX144	9012-2144	AX	146"

V-Belts

Series 9013 Tri-Power® Molded Notch Heavy-Duty V-Belt

• BX Section: 13/32"H x 21/32"W



Part #	Mfg #	Cross-Sect Size	Belt O.C.
BX21	9013-2021	BX	24"
BX24	9013-2024	BX	27"
BX26	9013-2026	BX	29"
BX27	9013-2027	BX	30"
BX28	9013-2028	BX	31"
BX29	9013-2029	BX	32"
BX30	9013-2030	BX	33"
BX32	9013-2032	BX	35"
BX33	9013-2033	BX	36"
BX34	9013-2034	BX	37"
BX35	9013-2035	BX	38"
BX36	9013-2036	BX	39"
BX37	9013-2037	BX	40"
BX38	9013-2038	BX	41"
BX39	9013-2039	BX	42"
BX40	9013-2040	BX	43"
BX41	9013-2041	BX	44"
BX42	9013-2042	BX	45"
BX43	9013-2043	BX	46"
BX44	9013-2044	BX	47"
BX45	9013-2045	BX	48"
BX46	9013-2046	BX	49"
BX48	9013-2048	BX	51"
BX49	9013-2049	BX	52"
BX50	9013-2050	BX	53"
BX52	9013-2052	BX	55"
BX53	9013-2053	BX	56"
BX54	9013-2054	BX	57"
BX55	9013-2055	BX	58"
BX56	9013-2056	BX	59"
BX57	9013-2057	BX	60"
BX58	9013-2058	BX	61"
BX59	9013-2059	BX	62"
BX60	9013-2060	BX	63"
BX61	9013-2061	BX	64"
BX63	9013-2063	BX	66"
BX64	9013-2064	BX	67"
BX65	9013-2065	BX	68"
BX66	9013-2066	BX	69"
BX67	9013-2067	BX	70"

Tri-Power® Molded Notch Heavy-Duty V-Belts (Continued)

Series 9013 Tri-Power® Molded Notch Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
BX69	9013-2069	BX	72"
BX70	9013-2070	BX	73"
BX71	9013-2071	BX	74"
BX72	9013-2072	BX	75"
BX73	9013-2073	BX	76"
BX74	9013-2074	BX	77"
BX76	9013-2076	BX	79"
BX77	9013-2077	BX	80"
BX78	9013-2078	BX	81"
BX79	9013-2079	BX	82"
BX80	9013-2080	BX	83"
BX82	9013-2082	BX	85"
BX85	9013-2085	BX	88"
BX86	9013-2086	BX	89"
BX87	9013-2087	BX	90"
BX88	9013-2088	BX	91"
BX89	9013-2089	BX	92"
BX90	9013-2090	BX	93"
BX91	9013-2091	BX	94"
BX92	9013-2092	BX	95"
BX93	9013-2093	BX	96"
BX94	9013-2094	BX	97"
BX95	9013-2095	BX	98"
BX96	9013-2096	BX	99"
BX97	9013-2097	BX	100"
BX98	9013-2098	BX	101"
BX99	9013-2099	BX	102"
BX100	9013-2100	BX	103"
BX103	9013-2103	BX	106"
BX105	9013-2105	BX	108"
BX106	9013-2106	BX	109"
BX108	9013-2108	BX	111"
BX110	9013-2110	BX	113"
BX112	9013-2112	BX	115"
BX113	9013-2113	BX	116"
BX115	9013-2115	BX	118"
BX116	9013-2116	BX	119"
BX120	9013-2120	BX	123"
BX123	9013-2123	BX	126"

V-Belts

Tri-Power® Molded Notch Heavy-Duty V-Belts (Continued)

Series 9013 Tri-Power® Molded Notch Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
BX124	9013-2124	BX	127"
BX128	9013-2128	BX	131"
BX133	9013-2133	BX	136"
BX136	9013-2136	BX	139"
BX140	9013-2140	BX	143"
BX144	9013-2144	BX	147"
BX148	9013-2148	BX	151"
BX150	9013-2150	BX	153"
BX158	9013-2158	BX	161"
BX162	9013-2162	BX	165"
BX173	9013-2173	BX	176"
BX195	9013-2195	BX	198"
BX205	9013-2205	BX	208"
BX210	9013-2210	BX	213"
BX225	9013-2225	BX	227"
BX270	9013-2270	BX	272"

Series 9014 Tri-Power® Molded Notch Heavy-Duty V-Belt

- CX Section: 17/32"H x 7/8"W



Part #	Mfg #	Cross-Sect Size	Belt O.C.
CX51	9014-2051	CX	55"
CX60	9014-2060	CX	64"
CX68	9014-2068	CX	72"
CX75	9014-2075	CX	79"
CX78	9014-2078	CX	82"
CX81	9014-2081	CX	85"
CX83	9014-2083	CX	87"
CX85	9014-2085	CX	89"
CX90	9014-2090	CX	94"
CX96	9014-2096	CX	100"
CX100	9014-2100	CX	104"
CX101	9014-2101	CX	105"
CX105	9014-2105	CX	109"
CX106	9014-2106	CX	110"
CX109	9014-2109	CX	113"
CX115	9014-2115	CX	119"
CX120	9014-2120	CX	124"

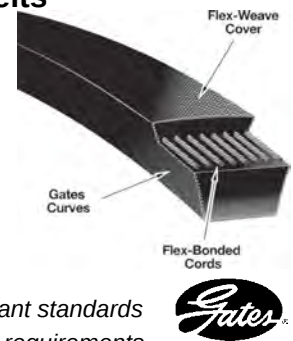
Tri-Power® Molded Notch Heavy-Duty V-Belts (Continued)

Series 9014 Tri-Power® Molded Notch Heavy-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
CX123	9014-2123	CX	127"
CX128	9014-2128	CX	132"
CX133	9014-2133	CX	137"
CX136	9014-2136	CX	140"
CX150	9014-2150	CX	154"
CX158	9014-2158	CX	162"
CX162	9014-2162	CX	166"
CX173	9014-2173	CX	177"
CX180	9014-2180	CX	184"
CX187	9014-2187	CX	191"
CX190	9014-2190	CX	194"
CX195	9014-2195	CX	199"
CX210	9014-2210	CX	214"
CX225	9014-2225	CX	227"
CX240	9014-2240	CX	242"
CX255	9014-2255	CX	257"
CX270	9014-2270	CX	272"
CX300	9014-2300	CX	302"
CX330	9014-2330	CX	332"
CX360	9014-2360	CX	362"

Truflex® Light-Duty V-Belts

- Suitable for all industrial light-duty applications, usually using fractional horsepower (FHP) motors
- Gates curves provide proper cord support and full contact with the sheave-groove
- Flex-bonded cords
- Flex-Weave® cover
- Meets RMA oil and heat resistant standards
- Meets RMA static conductivity requirements



Series 8400 Truflex® Light-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
3L150	8400-1150	3L	15"
3L160	8400-1160	3L	16"

V-Belts

Truflex® Light-Duty V-Belts (Continued)

Series 8400 Truflex® Light-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
3L170	8400-1170	3L	17"
3L180	8400-1180	3L	18"
3L190	8400-1190	3L	19"
3L200	8400-1200	3L	20"
3L210	8400-1210	3L	21"
3L230	8400-1230	3L	23"
3L250	8400-1250	3L	25"
3L260	8400-1260	3L	26"
3L220	8400-1220	3L	22"
3L270	8400-1270	3L	27"
3L290	8400-1290	3L	29"
3L300	8400-1300	3L	30"
3L310	8400-1310	3L	31"
3L330	8400-1330	3L	33"
3L340	8400-1340	3L	34"
3L350	8400-1350	3L	35"
3L360	8400-1360	3L	36"
3L370	8400-1370	3L	37"
3L380	8400-1380	3L	38"
3L390	8400-1390	3L	39"
3L400	8400-1400	3L	40"
3L410	8400-1410	3L	41"
3L420	8400-1420	3L	42"
3L430	8400-1430	3L	43"
3L440	8400-1440	3L	44"
3L450	8400-1450	3L	45"
3L460	8400-1460	3L	46"
3L470	8400-1470	3L	47"
3L480	8400-1480	3L	48"
3L490	8400-1490	3L	49"
3L500	8400-1500	3L	50"
3L530	8400-1530	3L	53"
4L190	8400-2190	4L	19"
4L200	8400-2200	4L	20"
4L210	8400-2210	4L	21"
4L220	8400-2220	4L	22"
4L230	8400-2230	4L	23"
4L240	8400-2240	4L	24"
4L250	8400-2250	4L	25"
4L260	8400-2260	4L	26"
4L270	8400-2270	4L	27"

Truflex® Light-Duty V-Belts (Continued)

Series 8400 Truflex® Light-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
4L280	8400-2280	4L	28"
4L290	8400-2290	4L	29"
4L300	8400-2300	4L	30"
4L310	8400-2310	4L	31"
4L320	8400-2320	4L	32"
4L330	8400-2330	4L	33"
4L340	8400-2340	4L	34"
4L360	8400-2360	4L	36"
4L370	8400-2370	4L	37"
4L380	8400-2380	4L	38"
4L390	8400-2390	4L	39"
4L400	8400-2400	4L	40"
4L410	8400-2410	4L	41"
4L420	8400-2420	4L	42"
4L430	8400-2430	4L	43"
4L440	8400-2440	4L	44"
4L450	8400-2450	4L	45"
4L460	8400-2460	4L	46"
4L470	8400-2470	4L	47"
4L490	8400-2490	4L	49"
4L500	8400-2500	4L	50"
4L510	8400-2510	4L	51"
4L520	8400-2520	4L	52"
4L530	8400-2530	4L	53"
4L540	8400-2540	4L	54"
4L560	8400-2560	4L	56"
4L570	8400-2570	4L	57"
4L580	8400-2580	4L	58"
4L590	8400-2590	4L	59"
4L600	8400-2600	4L	60"
4L620	8400-2620	4L	62"
4L640	8400-2640	4L	64"
4L650	8400-2650	4L	65"
4L660	8400-2660	4L	66"
4L670	8400-2670	4L	67"
4L680	8400-2680	4L	68"
4L690	8400-2690	4L	69"
4L700	8400-2700	4L	70"
4L710	8400-2710	4L	71"
4L730	8400-2730	4L	73"
4L740	8400-2740	4L	74"

V-Belts

Truflex® Light-Duty V-Belts (Continued)

Series 8400 Truflex® Light-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
4L750	8400-2750	4L	75"
4L760	8400-2760	4L	76"
4L770	8400-2770	4L	77"
4L780	8400-2780	4L	78"
4L790	8400-2790	4L	79"
4L800	8400-2800	4L	80"
4L810	8400-2810	4L	81"
4L820	8400-2820	4L	82"
4L830	8400-2830	4L	83"
4L840	8400-2840	4L	84"
4L850	8400-2850	4L	85"
4L860	8400-2860	4L	86"
4L870	8400-2870	4L	87"
4L880	8400-2880	4L	88"
4L890	8400-2890	4L	89"
4L900	8400-2900	4L	100"
4L910	8400-2910	4L	100"
4L920	8400-2920	4L	92"
4L930	8400-2930	4L	100"
4L940	8400-2940	4L	94"
4L950	8400-2950	4L	100"
4L960	8400-2960	4L	96"
4L970	8400-2970	4L	100"
4L980	8400-2980	4L	98"
4L990	8400-2990	4L	99"
4L1000	8400-2100	4L	100"
5L230	8400-3230	5L	23"
5L240	8400-3240	5L	24"
5L250	8400-3250	5L	25"
5L260	8400-3260	5L	26"
5L270	8400-3270	5L	27"
5L280	8400-3280	5L	28"
5L300	8400-3300	5L	30"
5L310	8400-3310	5L	31"
5L320	8400-3320	5L	32"
5L330	8400-3330	5L	33"
5L340	8400-3340	5L	34"
5L350	8400-3350	5L	35"
5L360	8400-3360	5L	36"
5L370	8400-3370	5L	37"
5L380	8400-3380	5L	38"

Truflex® Light-Duty V-Belts (Continued)

Series 8400 Truflex® Light-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
5L390	8400-3390	5L	39"
5L400	8400-3400	5L	40"
5L410	8400-3410	5L	41"
5L450	8400-3450	5L	45"
5L470	8400-3470	5L	47"
5L490	8400-3490	5L	49"
5L500	8400-3500	5L	50"
5L510	8400-3510	5L	51"
5L520	8400-3520	5L	52"
5L530	8400-3530	5L	53"
5L540	8400-3540	5L	54"
5L550	8400-3550	5L	55"
5L560	8400-3560	5L	56"
5L570	8400-3570	5L	57"
5L580	8400-3580	5L	58"
5L590	8400-3590	5L	59"
5L600	8400-3600	5L	60"
5L610	8400-3610	5L	61"
5L620	8400-3620	5L	62"
5L630	8400-3630	5L	63"
5L640	8400-3640	5L	64"
5L650	8400-3650	5L	65"
5L660	8400-3660	5L	66"
5L670	8400-3670	5L	67"
5L680	8400-3680	5L	68"
5L690	8400-3690	5L	69"
5L700	8400-3700	5L	70"
5L710	8400-3710	5L	71"
5L720	8400-3720	5L	72"
5L730	8400-3730	5L	73"
5L740	8400-3740	5L	74"
5L750	8400-3750	5L	75"
5L760	8400-3760	5L	76"
5L770	8400-3770	5L	77"
5L780	8400-3780	5L	78"
5L790	8400-3790	5L	79"
5L800	8400-3800	5L	80"
5L810	8400-3810	5L	81"
5L830	8400-3830	5L	83"
5L840	8400-3840	5L	84"
5L850	8400-3850	5L	85"

V-Belts

Truflex® Light-Duty V-Belts (Continued)

Series 8400 Truflex® Light-Duty V-Belt

Part #	Mfg #	Cross-Sect Size	Belt O.C.
5L860	8400-3860	5L	86"
5L870	8400-3870	5L	100"
5L880	8400-3880	5L	88"
5L890	8400-3890	5L	89"
5L900	8400-3900	5L	90"
5L910	8400-3910	5L	91"
5L920	8400-3920	5L	92"
5L930	8400-3930	5L	93"
5L940	8400-3940	5L	100"
5L950	8400-3950	5L	95"
5L960	8400-3960	5L	96"
5L970	8400-3970	5L	97"
5L980	8400-3980	5L	98"
5L990	8400-3990	5L	99"
5L1000	8400-3100	5L	100"

Predictive maintenance will minimize costly, unplanned downtime. Regular replacement intervals should be established so that a belt is replaced near the end of its useful life. Replacement intervals may be established to correspond with a yearly shut-down period. The typical life of an industrial v-belt drive ranges between 3 and 5 years depending on the application. In more critical applications, the belt replacement interval should be at least once per year.

Belt Accessories

Maintenance Tools

Pencil Type Tension Tester

- Use with small V-belt and synchronous belt



Part #	Mfg #	Description
TOL01103	7401-0076	30 lb Pencil Type

Truflex® & PoweRated® Belt Length Finder



Part #	Mfg #	Description
TOL01104	7401-0012	Measures Up to 107" to Determine Equivalent Belt Number

Proper tension is a key aspect for maximizing v-belt drive efficiencies. If belts are too loose, the result is slippage, rapid belt and sheave wear, and reduced belt life. Conversely, too much tension puts excess strain on belts, bearings and shafts, and causes premature wear of these components. Know what the proper tension is for your belt drive, install the belt using proper tensioning methods, and check the tension in regular intervals to ensure maximum efficiency.

Capacitors

Capacitors

SwitchCap™ Dual Multiple Value Capacitor

- (1) Unit covers most HVAC applications
- Capacitance value are selected by built-in switches, no jumpers to get lost or connected improperly
- Rugged PC-ABS housing cannot corrode like metal can caps and offers superior insulation resistance
- Epoxy encapsulated – superior resistance to moisture and vibration
- Built-in hang tabs for easy mounting with sheet metal screws
- Easy set-up, (8) switches select (128) values
- Non-conductive polymer enclosure
- Oil free
- Ranges:
 - Fan 3.0 to 10.5 mfd 450VAC
 - Herm 15 to 60 mfd 450VAC



Part #	Mfg #	Description
CAP01189	SCAP-60D	450VAC RMS Continuous at 50/60Hz

Standard Equipment for Every Service Truck.

SwitchCap™ Dual provides two capacitors in one simple package. Using easy to set switches rather than jumper wires, SwitchCap™ Dual is the future of multiple value capacitors!

DIVERSiTECH
www.diversitech.com

- Dual capacitance
- Easy to set switches, no jumper wires
- Integral mounting tabs
- Non-conductive polymer enclosure
- Better heat sink



Capacitors

Motor Start Capacitors

Turbolytic50™ Universal Round Motor Start Capacitor



Part #	Mfg #	Size	Description
CPT01807	TURBOLYTIC50JR	2-1/2" Base x 5-3/4" Height	Up to 302mfd

Run Capacitors

Round Metal Dual Run Capacitor



Part #	Mfg #	Volts	Capacitance	Case Style	Base Size	Case Height
CPT01769	2299A	440	50/5mfd	L	2.0"	4.7"
CPT01768	2298B	440	60/5mfd	M	2.4"	4.7"

Turbo™200 Run Capacitor

- Multi-MFD universal
- Permanent universal replacement capacitor
- Voltage rating 370 or 440VAC
- Perfect truck stock item to go with multi-hp motors



Part #	Mfg #	Description
CPT01663	TURBO200	Single or Dual Value Range 2.5mfd to 67.5mfd
CPT01665	TURBO200MINI	Single Value Range 2.5mfd to 12.5mfd
CPT01664	TURBO200X	Single or Dual Value Range 70mfd to 97.5mfd

Never Leave The Shop Without the AmRad Turbo®200!

The leader in the motor-run capacitor industry, AmRad Engineering, just got one better. The Turbo®200 capacitor has a combined total of 65.5 microfarads (mfd), with a tap at 2.5mfd, two at 5.0mfd, and single taps at 10.0mfd, 20.0mfd and 25.0mfd. As the world's first multiple tapped, fluid-filled, motor-run capacitor in a metal can, the Turbo®200 eliminates the need to inventory individual single or dual value capacitors with a voltage rating up to 440 VAC. Manufactured using AmRad Engineering's patented Ultramet™ capacitor technology, the Turbo®200 allows a metalized film capacitor to be "tapped" with a built-in common or ground connection. The need for separate capacitors or for packaging two or more capacitors is eliminated since **one Turbo®200** can contain **six capacitors** produced from a single winding.

Capacitors

Capacitors

- For motor run applications where capacitors are used in conjunction with permanent split capacitor type motors
- For use on 50Hz or 60Hz systems
- Operating life: 60,000 hours with 94% survival in accordance with EIA-456 industry standard
- Pressure sensitive interrupter
- cULus, CSA, RoHS Compliant



Oval Motor Run Capacitor less Resistor

Part #	Mfg #	Capacitance	Volts	Dimensions
CPT00209	97F5503BX-TR7	3mfd	370V	1.25" Oval x 2.12"H
CPT00076	97F5704BX-TR7	4mfd	370V	1.25" Oval x 2.12"H
CPT00072	27L570BX-TR7	5mfd	370V	1.25" Oval x 1.56"H
CPT00276	97F5706BX-TR7	6mfd	370V	1.25" Oval x 2.12"H
CPT00120	27L566BX-TR7	7.5mfd	370V	1.25" Oval x 2.12"H
CPT00230	97F9002BX-TR7	10mfd	370V	1.25" Oval x 2.88"H
CPT00255	27L572BX-TR7	12.5mfd	370V	1.25" Oval x 2.88"H
CPT00180	97F9004BX-TR7	15mfd	370V	1.25" Oval x 3.88"H
CPT00316	97F9603BX-TR7	20mfd	370V	1.75" Oval x 2.88"H
CPT00160	97F9607BX-TR7	25mfd	370V	1.75" Oval x 2.88"H
CPT00105	97F9612BX-TR7	35mfd	370V	1.75" Oval x 3.88"H
CPT00201	97F9615BX-TR7	40mfd	370V	1.75" Oval x 3.88"H
CPT00760	97F9618BX-TR7	45mfd	370V	2.00" Oval x 2.88"H
CPT00761	97F9622BX-TR7	50mfd	370V	2.00" Oval x 2.88"H
CPT00937	97F9391BX-TR7	80mfd	370V	2.00" Oval x 4.75"H
CPT00161	97F5337BX-TR7	4mfd	440V	1.25" Oval x 2.88"H
CPT00119	97F5339BX-TR7	5mfd	440V	1.25" Oval x 2.88"H
CPT00221	97F5436BX-TR7	6mfd	440V	1.25" Oval x 2.88"H
CPT00203	27L695BX-TR7	7.5mfd	440V	1.25" Oval x 2.88"H
CPT00088	97F5300BX-TR7	10mfd	440V	1.25" Oval x 3.88"H
CPT00422	97F9080BX-TR7	12.5mfd	440V	1.25" Oval x 4.75"H
CPT00839	97F9625BX-TR7	15mfd	440V	1.25" Oval x 4.75"H
CPT00206	97F9627BX-TR7	15mfd	440V	1.75" Oval x 2.88"H
CPT01202	27L551BX-TR7	20mfd	440V	1.25" Oval x 4.75"H
CPT00231	97F9631BX-TR7	20mfd	440V	1.75" Oval x 2.88"H
CPT00444	97F9633BX-TR7	25mfd	440V	1.75" Oval x 2.88"H
CPT00777	97F9644BX	45mfd	440V	2.00" Oval x 3.88"H
CPT00780	27L388BX	60mfd	440V	2.00" Oval x 4.25"H

Did you Know? Run capacitors have a designation of the MFD rating and voltage. It is recommended that the MFD value of a replacement capacitor matches the one being replaced. A higher voltage can be used. For instance, a 5MFD/440 volt capacitor may be used to replace a 5MFD/370 volt capacitor.

Capacitors

Round Motor Run Capacitor less Resistor



Part #	Mfg #	Capacitance	Volts	Dimensions
CPT01554	27L509BX-TR7	4mfd	370V	1.75" Round x 2.88"H
CPT01393	97F9201BX-TR7	4mfd	370V	1.75" Round x 2.88"H
CPT01392	97F9202BX-TR7	5mfd	370V	1.75" Round x 2.88"H
CPT01391	97F9204BX-TR7	7.5mfd	370V	1.75" Round x 2.88"H
CPT00251	97F5066BX-TR7	10mfd	370V	1.75" Round x 2.88"H
CPT01390	97F5067BX-TR7	12.5mfd	370V	1.75" Round x 2.88"H
CPT00283	97F9600BX-TR7	17.5mfd	370V	1.75" Round x 2.88"H
CPT00233	97F9606BX-TR7	25mfd	370V	1.75" Round x 2.88"H
CPT00468	97F9611BX-TR7	35mfd	370V	1.75" Round x 3.88"H
CPT00240	97F9614BX-TR7	40mfd	370V	1.75" Round x 3.88"H
CPT00449	97F9008	45mfd	370V	2.00" Round x 4.75"H
CPT00905	97F9623BX-TR7	50mfd	370V	2.00" Round x 3.88"H
CPT01381	97F8070BX-TR7	55mfd	370V	2.00" Round x 4.75"H
CPT00631	97F5276BX	60mfd	370V	2.50" Round x 4.75"H
CPT01383	97F9012BX-TR7	70mfd	370V	2.50" Round x 4.75"H
CPT00904	27L63BX-TR7	80mfd	370V	2.50" Round x 4.75"H
CPT00258	97F5001BX-TR7	12.5mfd	440V	1.75" Round x 2.88"H
CPT00453	97F9626BX-TR7	15mfd	440V	1.75" Round x 2.88"H
CPT00465	97F9630BX-TR7	20mfd	440V	1.75" Round x 3.88"H
CPT00467	97F9632BX-TR7	25mfd	440V	1.75" Round x 3.88"H
CPT01754	27L962BX-TR7	35mfd	440V	2.50" Round x 2.88"H
CPT00235	97F9639BX-TR7	35mfd	440V	2.00" Round x 3.88"H
CPT00236	97F9642BX-TR7	40mfd	440V	2.00" Round x 3.88"H
CPT00237	97F9645BX-TR7	45mfd	440V	2.00" Round x 4.75"H
CPT00238	97F5211BX-TR7	50mfd	440V	2.50" Round x 3.88"H
CPT00239	97F9042BX-TR7	55mfd	440V	2.50" Round x 4.75"H
CPT00392	97F9043BX-TR7	60mfd	440V	2.50" Round x 4.75"H
CPT01233	97F5251BX-TR7	70mfd	440V	2.50" Round x 4.75"H
CPT01074	27L322BX-TR7	80mfd	440V	2.50" Round x 5.25"H

Round Motor Run Capacitor with Resistor



Part #	Mfg #	Capacitance	Volts	Dimensions
CPT00274	27L194BR-TR7	15mfd	440V	1.75" Round x 2.88"H
CPT00270	97F9449BR-TR7	20mfd	440V	1.75" Round x 3.88"H
CPT00442	97F9447BR-TR7	25mfd	440V	1.75" Round x 4.75"H
CPT00321	97F9448BR-TR7	30mfd	440V	2.00" Round x 4.25"H
CPT00271	97F5184BR-TR7	35mfd	440V	2.00" Round x 4.25"H
CPT01051	27L545BR-TR7	45mfd	440V	2.00" Round x 4.75"H
CPT00275	25L503BR-TR7	45mfd	440V	2.50" Round x 3.88"H
CPT00421	27L195BR-TR7	55mfd	440V	2.50" Round x 4.75"H



Capacitors

Air Flow & Motors

Round Dual Motor Run Capacitor less Resistor



Part #	Mfg #	Capacitance	Volts	Dimensions
CPT01553	97F9860BX-TR7	40/5mfd	370V	2.50" Round x 2.88"H
CPT01555	97F9973BX-TR7	55/7.5mfd	370V	2.50" Round x 3.88"H
CPT00673	25L48BX-TR7	20/4mfd	440V	2.00" Round x 2.88"H
CPT02048	97F9975BX	20/5mfd	440V	2.00" Round x 2.88"H
CPT00687	27L79BX-TR7	20/5mfd	440V	2.50" Round x 2.88"H
CPT01166	27L685BX-TR7	25/4mfd	440V	2.50" Round x 2.88"H
CPT00672	25L17BX-TR7	30/4mfd	440V	2.50" Round x 2.88"H
CPT00659	27L20BX-TR7	30/5mfd	440V	2.50" Round x 2.88"H
CPT02047	97F9982BX-TR7	30/7.5mfd	440V	2.00" Round x 3.88"H
CPT00977	97F9899BX-TR7	35/5mfd	440V	2.50" Round x 2.88"H
CPT01248	97F9494BX-TR7	35/7.5mfd	440V	2.50" Round x 3.88"H
CPT00674	27L549BX-TR7	40/4mfd	440V	2.50" Round x 3.12"H
CPT00668	97F9856BX-TR7	40/5mfd	440V	2.50" Round x 3.88"H
CPT01032	97F9882BX-TR7	40/7.5mfd	440V	2.00" Round x 4.75"H
CPT00682	27L14BX-TR7	45/4mfd	440V	2.50" Round x 3.88"H
CPT00656	97F9851BX-TR7	45/5mfd	440V	2.50" Round x 3.88"H
CPT00669	97F9883BX-TR7	45/7.5mfd	440V	2.50" Round x 3.88"H
CPT01845	97F9832	45/10mfd	370V	2.00" Round x 4.75"H
CPT00660	27L601BX-TR7	50/5mfd	440V	2.50" Round x 4.25"H
CPT01021	97F9987BX-TR7	50/7.5mfd	440V	2.50" Round x 4.75"H
CPT02164	27L647	50/10mfd	440V	2.50" Round x 4.75"H
CPT00657	25L759BX-TR7	50/12.5mfd	440V	2.50" Round x 4.75"H
CPT00670	97F9839BX-TR7	55/5mfd	440V	2.50" Round x 4.75"H
CPT00691	97F9897BX-TR7	60/5mfd	440V	2.50" Round x 4.75"H
CPT01033	97F9898BX-TR7	60/7.5mfd	440V	2.50" Round x 4.75"H
CPT00661	25L765BX-TR7	60/12.5mfd	440V	2.50" Round x 4.75"H
CPT02163	27L1099BX-TR7	70/7.5mfd	440V	2.50" Round x 4.75"H
CPT02070	27L866BX-TR7	70/10mfd	440V	2.50" Round x 4.75"H

Round Dual Motor Run Capacitor with Resistor



Part #	Mfg #	Capacitance	Volts	Dimensions
CPT00658	27L116BR-TR7	20/4mfd	440V	2.00" Round x 2.88"H
CPT00690	27L76BX	20/5mfd	440V	2.50" Round x 2.88"H
CPT01167	27L697BR-TR7	25/4mfd	440V	2.50" Round x 2.88"H
CPT01168	27L704BR-TR7	25/5mfd	440V	2.50" Round x 2.88"H
CPT01778	27L1071RR	35/5mfd	440V	2.50" Round x 2.88"H
CPT00622	27L436BR-TR7	35/20mfd	440V	2.50" Round x 4.50"H
CPT01777	27L652RR	45/7.5mfd	440V	2.50" Round x 3.88"H



Capacitors

Capacitor Kits

Life-Line Capacitor Kit for Motor Run Applications

- Replace 48 different ratings (over 85% of models)
- UL Listed life-line "spider" device
- Includes:
 - (6) Genteq motor run capacitors
 - (2) Life-line "spider" devices
 - Capacitor mounting hardware kit
 - Device mounting hardware kit
 - Robust carrying case



Part #	Mfg #	Description
CPT02037	LCKP-001	Life-Line Capacitor Kit Featuring Proline Capacitors
CPT02038	LCK-CID-001	Life-Line Device Only, 4/Pk
CPT02039	LCK-SBA-001	Capacitor Mounting Hardware Kit Only
CPT02040	LCK-DBA-001	Life-Line Device Mounting Hardware Kit Only

proven



Proven performance. That's what you get with Genteq®. Our capacitors and Evergreen® motors with the original ECM technology are recognized throughout the industry and around the world for quality, reliability and innovation. Which means Genteq will make a big impact where it matters most – your bottom line. Get the power of proven performance behind you with Genteq. To find out more, visit us at thedealertools.com.




A Regal Brand



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Capacitors

Capacitors

- For motor run applications where capacitors are used in conjunction with permanent split capacitor type motors
- For use on 50Hz or 60Hz systems
- Operating life: 10,000 hours with 94% survival in accordance with IEC-60252-1 Class B industry standard
- Pressure sensitive interrupter
- cULus, CSA, RoHS Compliant

ServiceFirst



Oval Motor Run Capacitor less Resistor

Part #	Mfg #	Capacitance	Volts	Dimensions
CPT01864	PB050E000A370AATB-TR7	5mfd	370V	1.25" Oval x 1.56"H
CPT01865	PB075E000A370BATB-TR7	7.5mfd	370V	1.25" Oval x 2.12"H
CPT01866	PB100E000A370CATB-TR7	10mfd	370V	1.25" Oval x 2.88"H
CPT01867	PB125E000A370CATB-TR7	12.5mfd	370V	1.25" Oval x 2.88"H
CPT01868	PB150E000A370CATB-TR7	15mfd	370V	1.25" Oval x 2.88"H
CPT01869	PB050E000A440BATB-TR7	5mfd	440V	1.25" Oval x 2.12"H
CPT01870	PB075E000A440CATB-TR7	7.5mfd	440V	1.25" Oval x 2.88"H
CPT01871	PB100E000A440CATB-TR7	10mfd	440V	1.25" Oval x 2.88"H

Round Motor Run Capacitor less Resistor

ServiceFirst

Part #	Mfg #	Capacitance	Volts	Dimensions
CPT01872	PB250E000P440DATB-TR7	25mfd	440V	1.75" Round x 3.88"H

Round Dual Motor Run Capacitor less Resistor

ServiceFirst

Part #	Mfg #	Capacitance	Volts	Dimensions
CPT01873	PB350Z050T440CATB-TR7	35/5mfd	440V	2.50" Round x 2.88"H
CPT01874	PB450Z050T440DATB-TR7	45/5mfd	440V	2.50" Round x 3.88"H



Hard Start Kits

Hard Start Kit

- Features a potential relay that disconnects the start capacitor from the circuit at the moment it is no longer needed to boost the compressor



Part #	Mfg #	Description
KIT16480	HSK1	For 3.5-5 hp Compressor
KIT16481	HSK5	For 1-3 hp Compressor

Torque Plus, Hard Start Kit

- Solid state for all PSC compressors from 1/2 to 10 hp
- Can be used on units that operate on 120 - 240V



Part #	Mfg #	Description
KIT07950	DST-5	Starter Power Pack 1/2 hp - 5 hp, 300% Torque
KIT07951	DST-6	Starter Power Pack 1-1/2 hp - 10 hp, 500% Torque Multiplier

RapidStart® Motor Starters

- Rapid Start® hard start with patented current sensing circuitry for precision boosts/drop out times
- 2-Wire installation
- For 1/12 to 5 hp applications

RapidStart® Current Sensing Hard Start

- Operates from 95 to 288VAC
- Maximum input voltage: 502VAC
- Patented current sensing circuitry
- Self-adjusting to voltage fluctuation
- Easy to install, 2-wire, clip, or screw mounted
- For scroll or reciprocating compressors
- Solid-state circuitry
- Boost starting torque
- Disengages upon start intrinsically safe, fuse protected (fuse not user replaceable)
- UL Recognized



Part #	Mfg #	Description
KIT07685	ICM803	For 1/2 - 3 hp, 88 - 106 mfd, 330V Capacitor
KIT07686	ICM805	For 3 - 5 hp, 145 - 175 mfd, 330V Capacitor

RapidStart® Current Sensing Soft Start

- Positive Temperature Coefficient (PTC) technology
- Low cost motor starting device
- 115-288VAC
- Operating temperature range: -40°C to 65°C
- Recommended range: 1/2 - 10 hp



Part #	Mfg #	Increase in Torque
CPT01647	ICM855	300%
CPT01648	ICM856	500%

Voltage Sensing

- Increases torque up to 500%
- Insures precise starts
- Not affected by ambient temperature
- Recycles instantly (less than one second)
- For scroll or reciprocating compressors
- For 115 or 230VAC motors
- Intrinsically safe, fuse protected
- Operating temperature range: -40°C to 65°C
- UL Recognized
- Recommended range: 1/2 - 10 hp



Part #	Mfg #	Increase in Torque
KIT07689	ICM860	500%

There are many reasons a hard start kit may be needed to help older compressors with starting problems. That includes compressors used with TXVs or solenoid valves and in low voltage conditions. During start up the inrush current is high, causing heavy strain and heat in the compressor start windings. A hard start kit added to a new compressor greatly reduces this strain on the compressor windings while possibly extending the life of the compressor. This reduction in start up inrush current may also reduce operational cost as well as stopping light flicker.

Condenser Fan Motors

Commercial Condenser Fan Motors

3-Phase ODP Belly Band Mount Commercial Condenser Fan Motor

- Flat and keyway on shaft
- Shaft up mounting
- 60°C Ambient
- Designed for use in 5-15 ton and larger commercial air conditioning where three phase is required
- Automatic thermal overload protector
- Reversible rotation
- Continuous duty, air over
- Double shielded ball bearings
- Class B insulation
- 56 Frame .625" shaft diameter
- 48 Frame .50" shaft diameter



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT10165	1828	1 hp	208-230/460V	850 rpm	56YZ	5.0/2.5A
MOT06076	1818	1 hp	208-230/460V	1140 rpm	56YZ	4.8/2.4A
MOT06077	1819	1-1/2 hp	208-230/460V	1140 rpm	56YZ	6.4/3.2A

3-Phase ODP Rigid Base Mount Commercial Condenser Fan Motor

- Designed for use in 5-15 ton and larger commercial air conditioning where three phase is required
- Air over not required
- Automatic thermal overload protector
- Reversible rotation
- Continuous duty, air over
- Double shielded ball bearings
- CW Lead end
- 40°C Ambient, quick charge device
- Class B insulation
- Dual voltage



Part #	Mfg #	HP	Voltage	RPM	Hertz	Amps	Notes
MOT06071	1813	1 hp	208-230/460V	1725 rpm	60/50Hz	3.4/1.7A	VC
MOT06072	1814	1-1/2 hp	208-230/460V & 190/380V	1725 rpm	60/50Hz	5.0/2.5A & 5.2/2.6A	VC, H12

Note VC Quick voltage change device

Note H12 Base has holes for 56 & 56H



Condenser Fan Motors

OEM Replacement Condenser Fan Motors

5.6" Diameter OEM Replacement Commercial and Refrigeration Condenser Fan Motor

- For use commercial condensing unit fans
- Single-speed
- Automatic reset thermal overload protector



6124



Part #	Mfg #	HP	Voltage	RPM	Mount	Amps	Notes
MOT06297	1645	1/6 hp	208-230V	1550 rpm	Stud	1.4A	-
MOT06286	6124	1/4 hp	230V	1550 rpm	Band	2.1A	61
MOT10234	6129	1/4 hp	208-230V	1625 rpm	Resilient	1.5A	61
MOT06296	7232	1/3 hp	208-230V	1625 rpm	Resilient	2.9A	61

Note 61 Self-Aligning Bearing

5.6" Diameter OEM PSC Direct Condenser Fan Motor Replacement: Rheem®

- 51" Leads
- Totally enclosed air over
- Four holes and screws supplied in shell
- Four 8-32 studs opposite shaft end, single flat on 1/2" diameter shaft
- Reversible rotation
- Automatic reset thermal overload protector
- Sleeve bearings



Part #	Mfg #	HP	Voltage	RPM	Amps	5.6"	
MOT06314	5456	1/8 hp	208-230V	825 rpm	PSC	5.6"	1.2A
MOT06315	5457	1/6 hp	208-230V	825 rpm	PSC	5.6"	1.2A
MOT06312	5454	1/5 hp	208-230V	1075 rpm	PSC	5.6"	1.7A
MOT06313	5455	1/3 hp	208-230V	1075 rpm	PSC	5.6"	2.0A



Condenser Fan Motors

Permanent Split Capacitor Commercial Condenser Fan Motors

5.6" Diameter PSC TEAO All-Angle Mounting Condenser Fan Motor

- For use with commercial condenser fans
- 2-1/4" Hub ring mount
- Capacitor and outlet box included (unless noted)
- Reversible rotation
- Double shielded ball bearings
- Continuous duty, air over
- Dual voltage
- Automatic reset thermal overload protector
- 0.5" Shaft diameter (unless noted)
- 5.0" Shaft length (unless noted)



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06061	6727	1/3 hp	208-230/460V	1075 rpm	45	2.4/1.2A	-
MOT10161	2201	1/2 hp	208-230/460V	1075 rpm	48	3.2-3.1/1.6A	67
MOT06062	7475	1/2 hp	208-230/460V	1075 rpm	48Y	2.8/1.4A	-
MOT06063	5489	3/4 hp	208-230/460V	1075 rpm	48Y	5.0/2.5A	65, 66, BU
MOT06064	6603	3/4 hp	208-230/460V	1075 rpm	48	5.0/2.5A	-

Note 65 Ventilated (in wet applications, position vent holes at bottom of motor)

Note 66 No outlet box, includes leads

Note 67 Capacitor not included, internal conduit box

Note BU Includes 5/8" shaft bushing

6.3" Diameter PSC OAO All-Angle Mounting Resilient Base Condenser Fan Motor

- For use with commercial condenser fans
- Reversible rotation
- Double shielded ball bearings
- Continuous duty, air over
- 40°C Ambient
- Class B insulation
- Automatic reset thermal overload protector
- 0.625" Shaft diameter
- 6.0" Shaft length



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06065	2686	1 hp	208-230/460V	1075 rpm	56Z	5.1/2.6A



Condenser Fan Motors

6.3" Diameter PSC TEAO All-Angle Mounting Condenser Fan Motor

- For use with commercial condenser fans
- Reversible rotation
- Double shielded ball bearings
- Continuous duty, air over
- 40°C Ambient
- Class B insulation
- Automatic reset thermal overload protector
- 0.625" Shaft diameter
- 6.0" Shaft length



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT10163	2203	1 hp	208-230/460V	1075 rpm	56YZ	5.5-5.1/2.6A	67

Note 67 Capacitor not included, internal conduit box

Permanent Split Capacitor Condenser Fan Motors

5.0" Diameter PSC OAO Condenser Fan Motor less Capacitor

- Sleeve bearings have all angle thrust system
- Designed for use with 370V capacitors
- Continuous duty, air over
- 24" Line leads unless otherwise noted
- Reversible
- Automatic reset thermal overload protector
- Connection and capacitor information furnished in the nameplate data



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06107	1268	1/5 hp	115V	1075 rpm	42Y	3.4A

Did you Know? Motors normally can operate at voltages which are plus or minus 10% of the nameplate listing. Voltages separated by a "/", such as 230/460, indicate separate voltage connections. Listings separated by a "-" indicate a voltage range, such as 208-230.



Condenser Fan Motors

5.6" Diameter PSC ODP Hub Ring Mount Condenser Fan Motor less Capacitor

- For use with condenser fans
- For use with 370V capacitors
- High efficiency Economizer® rated
- 60Hz, Continuous duty, air over
- Capacitor mounting holes in frame band
- Water slinger
- Automatic reset thermal overload protector
- Shaft dimension 0.5" x 6.0"
- Reversible rotation
- Class B insulation
- Extended studs - 1.0"
- 20" or 30" Leads
- Double flats on shaft (Economizer® models)
- Enclosed end shield at shaft end
- Ball bearings
- 2-1/4" Hub ring mount



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06027	7040	1/3 hp	208-230V	825 rpm	48	2.7A
MOT06028	7041	1/2 hp	230V	825 rpm	48	2.8A

5.6" Diameter PSC ODP Resilient Base Condenser Fan Motor with Capacitor

- Shaft up or horizontal
- For use with condenser cooling fans
- For use with 370V capacitors
- 60Hz, Continuous duty, air over
- 20" or 30" Leads
- Sleeve bearings have all angle thrust system
- Capacitor mounting holes in frame band
- Reversible rotation
- Enclosed endshield at shaft end
- Class B insulation
- Water slinger
- High efficiency Economizer® rated (except when noted)
- Automatic reset thermal overload protector



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06017	3846	1/4 hp	230V	1075 rpm	-	1.9A	61, 62
MOT06018	4811	1/3 hp	230V	1625 rpm	-	1.8A	61
MOT06019	4961	1/3 hp	230V	1625 rpm	48Y	1.8A	62
MOT06020	3847	1/3 hp	230V	1075 rpm	-	2.2A	61
MOT06021	4960	1/3 hp	230V	1075 rpm	48Y	2.2A	-
MOT06023	3848	1/2 hp	230V	1075 rpm	48Z	3.1A	61

Note 61 Sleeve bearings

Note 62 Not Economizer®



Condenser Fan Motors

5.6" Diameter PSC ODP Stud-Mount Condenser Fan Motor less Capacitor

- Shaft up or horizontal
- For use with condenser fans
- For use with 370V capacitors
- Ball bearings except where noted
- High efficiency Economizer® rated (except when noted)
- Capacitor mounting holes in frame band
- Reversible rotation
- Class B insulation
- Water slinger
- 60Hz, Continuous duty, air over
- Automatic reset thermal overload protector



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06002	3851	1/4 hp	208-230V	1075 rpm	48Y	1.7A	61, 62
MOT06003	8666	1/4 hp	230V	825 rpm	48Y	1.9A	-
MOT06009	3852	1/2 hp	208-230V	1075 rpm	48Y	3.1A	61, 62
MOT06007	6880	1/3 hp	208-230V	1075 rpm	48Y	2.5-2.2A	61, 62

Note 61 Sleeve bearings

Note 62 Not Economizer®

5.6" Diameter PSC TEAO High Ambient All-Angle Mount Condenser Fan Motor less Capacitor

- 60C° Ambient design
- Stud and all angle mount
- Sleeve bearings have all angle thrust system
- Class B insulation
- Extended studs
- Designed for 370V capacitors
- Automatic thermal overload protector
- 30" Leads with hubless lead end
- Drain holes on both ends
- Auto reset thermal overload protector
- Reversible



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06036	1872	1/8 hp	208-230V	825 rpm	48Y	0.8A	61, 72
MOT06037	1873	1/6 hp	208-230V	825 rpm	48Y	1.2A	61, 72
MOT10143	1859	1/6 hp	208-230V	1075 rpm	48Y	1.1A	61
MOT10245	5450	1/5 hp	208-230V	1075 rpm	48Y	1.3A	61, 72
MOT06039	1874	1/4 hp	208-230V	825 rpm	48Y	2.0A	61, 72
MOT10146	8674	1/4 hp	208-230V	825/2 rpm	48Y	1.5A	-
MOT10145	1880	1/4 hp	460V	825 rpm	48Y	1.0A	-
MOT06038	1860	1/4 hp	208-230V	1075 rpm	48Y	1.7A	61
MOT10147	1876	1/4 hp	208-230V	1075 rpm	48Y	1.7A	-
MOT10148	3736	1/4 hp	460V	1075 rpm	48Y	0.8A	-
MOT10149	1890	1/4 hp	208-230V	1625 rpm	48Y	1.4A	61

Condenser Fan Motors

Permanent Split Capacitor Condenser Fan Motors (Continued)

5.6" Diameter PSC TEAO High Ambient All-Angle Mount Condenser Fan Motor less Capacitor

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT10067	1875	1/3 hp	208-230V	825 rpm	48Y	2.4A	61, 72
MOT10150	1881	1/3 hp	460V	825 rpm	48Y	1.0A	-
MOT10151	8675	1/3 hp	208-230V	825/2 rpm	48Y	2.0A	-
MOT06040	1861	1/3 hp	208-230	1075 rpm	48Y	2.0A	-
MOT06045	8670	1/3 hp	208-230V	1075 rpm	45	2.2A	-
MOT10153	3737	1/3 hp	460V	1075 rpm	48Y	1.3A	-
MOT13921	3323	1/3 & 1/6 hp	208-230V	1075 rpm	48Y	2.0A	-
MOT10154	1891	1/3 hp	208-230V	1625 rpm	48Y	1.9A	61
MOT11763	1870	1/2 hp	208-230V	825 rpm	48Y	2.8A	61
MOT10155	1882	1/2 hp	460V	825 rpm	48Y	1.6A	-
MOT06041	1862	1/2 hp	208-230V	1075 rpm	48Y	3.0A	61
MOT06047	8671	1/2 hp	208-230V	1075 rpm	48Y	2.9A	-
MOT10158	1892	1/2 hp	208-230V	1626 rpm	48Y	3.0A	61
MOT10157	3738	1/2 hp	460V	1075 rpm	48Y	1.5A	-
MOT06042	1868	3/4 hp	208-230V	1075 rpm	48Y	4.5A	61
MOT10159	1879	3/4 hp	208-230V	1075 rpm	48Y	4.7A	-
MOT10160	3742	3/4 hp	460V	1075 rpm	48Y	2.0A	-

Note 61 Sleeve bearings

Note 72 Includes 4 holes in shell for Rheem mount

RESCUE™ Permanent Split Capacitor Condenser Fan Motors

5.6" Diameter PSC TEAO Rescue Condenser Fan Motor

- High efficiency for commercial and residential condensing units
- Designed for use with 370V capacitors
- Continuous duty, air over
- Special treated rotor for corrosion protection
- Includes lead end mounting holes for Rheem or Trane units
- Can replace a range of horsepower applications and a variety of mounting styles
- 60°C Ambient
- Extended mounting studs
- Automatic thermal overload protector
- 48" Leads
- Ball bearings
- Reversible rotation



Part #	Mfg #	HP	Voltage	RPM	Amps	Temperature Rating
MOT09987	5462	1/6,1/5,1/4,1/3 hp	208-230V	1075 rpm	1.8,2.0,2.5,2.6A	60°C Max Ambient
MOT11099	5464	1/6,1/5,1/4,1/3 hp	208-230V	825 rpm	1.0,1.2,1.5,1.9A	60°C Max Ambient
MOT11100	5465	1/5,1/4,1/3,1/2 hp	208-230V	1075 rpm	1.3,1.6,2.2,3.0A	60°C Max Ambient



Condenser Fan Motors

THE ULTIMATE TRUCK STOCK MOTOR™



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Condenser Fan Motors

Century® Multi-Speed 3-Phase Motors

- Ball bearings
- Service factor 1.15
- 60Hz
- 40°C Ambient



M314, M315, M305

M313, M321, M423, M415



Century® 2-Speed 3-Phase Rigid Base Motor - 1/25 - 50/12.5 hp

Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Rotation	Notes
MOT14518	M127V1	1.5-.37 hp	200-230V	1745/845 rpm	5.0/2.0A	145T	RCC*	F1
MOT01730	M313	10-2.5 hp	460V	1750/870 rpm	15.0/5.3A	215T	CCW	F1
MOT11846	M313F2	10-2.5 hp	460V	1750/870 rpm	15.0/5.3A	215T	CCW	F2
MOT13062	M321	7.5-1.9 hp	200-230V	1740/870 rpm	23-22.5/9.3-8.2A	213T	CCW	F1

*Reversible leads/factory counter clockwise

Century® 2-Speed 3-Phase Rigid Base Motor - 1/44 - 30/13.3 hp



Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT07072	M109V1	1-.44 hp	575/60/3V	1745/1140 rpm	1.7/1.1A	145T	F1
MOT01795	M317	7.5-3.3 hp	200-230V	1760/1170 rpm	22.0-19.5/12.3A	215T	F1
MOT01796	M315	7.5-3.3 hp	460V	1770/1175 rpm	10.0/6.0A	215T	F1
MOT07088	M305	5-2.2 hp	460V	1750/1160 rpm	7.1/4.8A	215T	F1
MOT10279	M423	15-6.7 hp	460V	1775/1175 rpm	18.0/9.5A	256T	F1

Century® 2-Speed 3-Phase Rigid Base Motor - 2-.5 - 6.5 hp



Part #	Mfg #	HP	Volts	RPM	Amps	Rotation	Notes
MOT07042	M314	5-1.2 hp	460V	1760/880 rpm	7.1/3.3A	REV	F1
MOT11989	M415	10-2.5 hp	560V	1770/880 rpm	12.5/5.5A	RCC*	F1

*Reversible leads/factory counter clockwise

3-3/8" Diameter Stock Motors

3-3/8" Diameter Shaded Pole Open Fan Cooled Motor

- Internally fan cooled
- 60Hz & 60/50Hz
- 77 For Jenn Air 70 CR



77



Part #	Mfg #	HP	Volts	RPM	Amps	Rotation
MOT00464	77	1/30 hp	115V	1550/1 rpm	1.0A	CWSE



Condenser Fan Motors

5-5/8" Diameter Stock Motors

5-5/8" Diameter PSC Condenser, Heat Pump, Refrigeration - Totally Enclosed Motor

- Permanent split capacitor
- Auto protector
- Energy efficient
- All angle mount
- Extra thru bolts, both ends
- Reversing plug
- 1/2" Dia flatted shaft
- 26" Leads
- 48 Frame (5-5/8" diameter)
- 60Hz



Part #	Mfg #	HP	Volts	RPM	Amps	Bearings	Capacitor
MOT14576	5FE1056S	1/2 hp	575V	1100 rpm	1.2A	Ball	7.5MFD-370V
MOT13221	FEH1076SF	3/4 hp	460V	1075/1 rpm	2.2A	Ball	10MFD/370V

5-5/8" Diameter PSC 4-In-1® Multi-HP Condenser Fan Motor

- All angle mounting
- Energy efficiency PSC design
- Removable drain plugs each end
- Reversible
- Rheem mounting holes (screws included)
- UL & CSA Approved
- 48Y Frame
- One simple connection and (2) 7.5MFD 370V capacitor is all that is needed
- Replaces hundreds of 1/8 - 1/3 hp applications
- Class "B" insulation
- 60°C Ambient



Part #	Mfg #	HP	Volts	RPM	Amps	Bearings
MOT13255	ORM5458B	1/3-1/6 hp	208/230V	1075 rpm	2.0A	Ball
MOT13256	ORM5488	1/3-1/8 hp	208/230V	825 rpm	2.1A	Sleeve
MOT13257	ORM5488B	1/3-1/8 hp	208/230V	825 rpm	2.1A	Ball



Condenser Fan Motors

6-1/2" Diameter Stock Motors

6-1/2" Diameter 56 Frame PSC - 3-Phase Vertical Condenser Fan Motor

- Permanent split capacitor
- Continuous duty, air over
- Class B moisture-resistant
- Double sealed ball bearing
- Positioning lugs for easy belly-band mounting
- Quick-connect design and reversible
- Service factor 1.0
- Shaft with both keyway and flat
- 60Hz
- 60°C or 70°C Ambient



Part #	Mfg #	HP	Volts	RPM	Amps	Enclosure
MOT11476	H696	1 hp	460/208-230V	1140 rpm	1.8/3.7, 3.6A	TEAO
MOT12161	H697	1-1/2 hp	460/200-230V	1140 rpm	2.6/5.4, 5.2A	TEAO
MOT14330	H1051	1-1/2 hp	460/208-230V	1140 rpm	2.9, 5.8, 5.8A	Open OSE Inverter Duty
MOT08497	H698	2 hp	460/208-230V	1140 rpm	3.1/6.8, 6.2A	TEAO
MOT13899	H1052A	2 hp	460/208-230V	1140 rpm	3.7/7.4-7.0A	OAO

Condenser Fan Motors

Multi-HP Condenser Fan Motor

- 48 Frame
- Single-speed
- Totally enclosed
- 1/2" x 6" Shaft
- Reversible
- Sleeve bearing



Part #	HP	Voltage	FLA	RPM
MOT13501	1/6 hp	208/230V	0.9A	1075 rpm
MOT13502	1/4 hp	208/230V	1.8A	1075 rpm
MOT13503	1/3 hp	208/230V	2.4A	1075 rpm
MOT13504	1/2 hp	208/230V	3.5A	1075 rpm
MOT13505	3/4 hp	208/230V	5.2A	1075 rpm

Universal Replacement Condenser Fan Motor - Totally Enclosed, Air Over

- Multi-horsepower
- Ball bearing

ServiceFirst

Part #	HP	Voltage	FLA	RPM
MOT13776	1/3 - 1/6 hp	208/230V	2.6A	1075 rpm
MOT13182	1/2 - 1/6 hp	208/230V	3.0A	1075 rpm



Fan & Blower Motors

Belted Fan & Blower Motors

Capacitor Start ODP Belted Fan & Blower Motor

- For use on belted fans and blowers
- 40°C Ambient
- Class A insulation
- With threaded conduit hole
- Reversible rotation
- Sleeve bearings: 1/3, 1/2, 3/4 and 1 hp
- Ball bearings : 1(1/3), 1-1/2 and 2 hp
- Suitable for all angle operation
- Thread conduit hole
- Automatic reset thermal overload protector



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06182	180	1/3 hp	115/230V	1725 rpm	48	6.0/3.0A
MOT06183	298	1/2 hp	115/208-230V	3450 rpm	48	8.6/4.3A
MOT06184	1790	1/2 hp	115/208-230V	1725 rpm	56	7.4/3.7A
MOT06185	430	3/4 hp	115/208-230V	3450 rpm	48	9.2/4.6A
MOT06186	1893	3/4 hp	115/208-230V	1725 rpm	56	11.4/5.7A
MOT06187	431	1 hp	115/208-230V	3450 rpm	48Z	11.6/5.8A
MOT06188	1769	1 hp	115/208-230V	1725 rpm	56	14.0/7.0A
MOT06190	4242	1-1/2 hp	115/230V	1725 rpm	56	22.4/11.2A

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Fan & Blower Motors

Split-Phase ODP Resilient Base Belted Fan & Blower

- For use with belted fans and blowers
- Class B insulation unless otherwise noted
- With threaded conduit hole
- Reversible rotation by easy reconnection
- Automatic thermal overload protector
- Single and 2-speed
- Ball bearings
- Average shaft 0.5 x 1.5 (except where noted)



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06145	2889	1/4 hp	115V	1725 rpm	48	4.4A	83
MOT06144	8000	1/4 hp	115V	1800 rpm	48	5.9A	61, 77, 78, 79
MOT06149	8100	1/3 hp	115V	1800 rpm	48	6.4A	61, 77, 78, 79
MOT06162	4253	1/3 hp	115V	1725 rpm	56Z	5.8A	-
MOT06157	1786	1/3 & 1/9 hp	115V	1725/1140 rpm	48	5.8A	-
MOT10193	5793C	1/3 & 1/8 hp	115V	1725/1140 rpm	56Z	5.9/3.6A	-
MOT06153	8200	1/2 hp	115V	1800 rpm	48	8.7A	61, 77, 78, 79
MOT06169	4293	1/2 hp	115V	1800 rpm	56	9.2A	-
MOT06166	4114	1/2 hp	115/230V	1725 rpm	56	8.0/4.0A	-
MOT10195	5795C	3/4 hp	115V	1725/1140 rpm	56	11.5/6.4A	-
MOT13580	4115	3/4 hp	115/230V	1725 rpm	56	11.5/5.6A	-

Note 61 Sleeve bearings

Note 77 With shaft adapter for 5/8" shaft

Note 78 Class B insulation

Note 79 Combination mounting holes for NEMA 48 & 58 frame dimensions

Note 80 Canadian standard-connected CCWLE (Reversible)

Note 83 enclose shell, ventilation through end shields by internal fan

Direct Drive Fan & Blower Motors

5.6" Diameter PSC OAO 4-Speed Direct Drive Fan & Blower Motor

- Stud or hub ring mount (2.5")
- 40°C Ambient rated



1207



Part #	Mfg #	HP	Voltage	RPM	Amps
MOT10190	1207	1/6 hp	115V	1075 rpm	2.2A
MOT12129	5826	1/6 hp	208-230V	1075 rpm	1.1-1.0A
MOT12131	5830	1/4 hp	115V	1075 rpm	3.8A
MOT12130	5831	1/4 hp	208-230V	1075 rpm	1.8-1.7A
MOT12132	5835	1/3 hp	115V	1075 rpm	4.6A
MOT12135	5836	1/3 hp	208-230V	1075 rpm	2.3-2.2A
MOT12136	5841	1/2 hp	208-230V	1075 rpm	3.3-3.1A



Fan & Blower Motors

Direct Drive Fan Motors

5.0" Diameter OAO Double-Shaft 3-Speed Resilient Base Direct Drive Fan Motor

- Hub and stud mounting
- Insulation class B



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06097	1221P	1/4 hp	230V	1550 rpm	42Y	1.6A

5.0" Diameter OAO Single-Shaft Shaded Pole Direct Drive Fan Motor

- For use on direct drive fan and blowers
- For use with 370V capacitors
- Non-reversible rotation
- Continuous duty, air over
- 24" Line leads
- Automatic reset thermal overload protector



Part #	Mfg #	HP	Voltage	RPM	Frame	Full Load Amps	Notes
MOT06140	985	1/10 hp	115V	1050 rpm	42	3.5A	-
MOT14002	1127P	1/6 hp	115V	1050 rpm	42Y	1A	61, A

Note 61 Sleeve bearings

Note A Class A insulation

OEM Replacement Blower Motors

5" Diameter OEM PSC Direct Drive Motor Replacement: Coleman®, Arvin®, Bohn®

- Replaces 391, D151, A6262, 5002-M 3400A312
- 33" Leads
- 4 Additional mounting studs included separately, endshields open, both ends
- 7.5mfd Capacitor - not included
- Reversible rotation
- Automatic reset thermal overload protector
- Sleeve bearings



Part #	Mfg #	HP	Voltage	RPM	Amps	Rotation
MOT10032	1391	1/4 hp	208-230V	1050/3 rpm	1.5A	CCWLE



Fan & Blower Motors

5" Diameter OEM PSC Direct Drive Motor Replacement: Coleman®, Arvin®, Bohn®, Delta Therm®, Friedrich®

- Replaces 390, D150, A935, 5002-L, 4070-311
- 33" Leads
- 4 Additional mounting studs included separately, endshields open, both ends
- 7.5mfd Capacitor - not included
- Reversible rotation
- Automatic reset thermal overload protector
- Sleeve bearings



Part #	Mfg #	HP	Voltage	RPM	Amps	Rotation
MOT10170	1390	1/4 hp	115V	1050/3 rpm	2.8A	CCWLE

Permanent Split Capacitor Direct Drive Fan & Blower Motors

5.6" Diameter PSC Double-Shaft 2 & 3 Speed Fan Direct Drive & Blower Motor

- For blowers utilizing a double-shaft motor
- Open dripproof, air over, except where noted
- Automatic reset thermal overload protector
- CCW rotation lead end
- Sleeve bearings have all angle thrust system
- Green ground lead
- Connection and compacitor information
- Furnished on nameplate
- Designed for use with 370V capacitors
- Hub rings are 2-1/4" diameter, furnished detached with extra metal outer rings for adapting to 2-1/2" diameter
- Mounting holes in shell for mounting capacitor
- 20" Lead
- Class B insulation



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06094	8726	1/3 hp	230V	1625/3 rpm	48Y	1.9A

Digital multimeters, or DMMs, are a common test tool used for motor troubleshooting. They measure electrical properties and display the properties in numerical values. Typically, they are used for basic voltage, resistance, and current measurements of basic devices such as fuses and switches. They can also be used for basic troubleshooting measurements, such as voltage or current to motor. There are different categories of DMMs: general purpose, standard, and advanced. While general purpose DMMs are useful for most applications, when troubleshooting, it makes sense to have an advanced DMM available with several attachments. Additional features include displays with capacities for more accurate measurements and the ability to capture and store measurement that can be downloaded to a PC for later viewing, which allows for thorough monitoring of performance over time.

Fan & Blower Motors

5.6" Diameter PSC OAO Hub Ring Mount 3-Speed Direct Drive Fan & Blower Motor

- For use with direct drive fan and blowers
- For use with 370V capacitors
- 2.5" Diameter hub rings included
- Continuous duty, air over
- Reversible rotation
- 24" Leads
- Automatic reset thermal overload protector
- 2-1/2" Diameter hub rings included



Part #	Mfg #	HP	Voltage	RPM/Speed	Frame	Full Load Amps	Notes
MOT06109	1863	1/4 hp	115V	1075/3 rpm	48Y	3.9A	62, 78
MOT06112	600	1/4 hp	277V	1075 rpm	48Y	2.0A	-
MOT06114	1864	1/3 hp	115V	1075/3 rpm	48Y	5.0A	62, 78
MOT06117	601	1/3 hp	277V	1075 rpm	48Y	2.2A	-
MOT06119	1865	1/2 hp	115V	1075/3 rpm	48Y	7.4A	62
MOT12133	5840	1/2 hp	115V	1075/4 rpm	48YZ	7.1A	H1
MOT06120	1973	1/2 hp	208-230V	1075/3 rpm	48Y	3.3A	62, 78
MOT06122	602	1/2 hp	277V	1075 rpm	48Y	3.4A	-
MOT06115	1972	1/3 hp	208-230V	1075/3 rpm	48Y	2.4A	62, 78
MOT09415	8904	3/4 hp	115V	1075/3 rpm	48Y	9.1A	3
MOT09416	8905	3/4 hp	208-230V	1075/3 rpm	48Y	4.0A	3
MOT10179	8906	1 hp	115V	1075/3 rpm	48Y	12.1A	2
MOT10180	8907	1 hp	208-230V	1075/3 rpm	48Y	5.6A	2

Note 2 Class B Insulation, Studs Shaft Side Only, Ball Bearings

Note 3 No Stud Extension

Note 62 Not Economizer®

Note 78 Class B insulation

Note H1 2.25" Dia Hub Rings with Kit for 2.5" Included

5.6" Diameter PSC OAO Stud or Hub Ring 4-Speed Direct Drive Fan & Blower Motor

- High efficiency Economizer® rated
- Reversible rotation
- Class B insulation
- Sleeve bearings have all angle thrust system
- Continuous duty, air over
- Designed for use with 370V capacitors
- Automatic reset thermal overload protector
- 24" Line leads
- 0.5" Diameter shaft



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT12134	5845	3/4 hp	115V	1075/4 rpm	48YZ	10.6A	61, RS
MOT12137	5846	3/4 hp	208-230V	1075/4 rpm	48Y	6.1-5.8A	61, RS

Note 61 Sleeve bearings

Note RS Ring/stud mount



Fan & Blower Motors

Permanent Split Capacitor Double Shaft Fan & Blower Motors

5.6" Diameter PSC OAO Hub Stud Mount Double Shaft Fan & Blower Motor

- For use with direct drive fan and blowers
- High efficiency Economizer® rated
- Multi-speed
- 20" Leads
- Automatic reset thermal overload protector
- 2-1/4" Adaptable to 2-1/2" diameter hub rings included
- Without capacitor and mounting kit
- Sleeve bearings



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06090	3135	1/3 hp	230V	1075 rpm	48	1.9A
MOT06085	1213	1/3 hp	230V	1075 rpm	48Y	2.5A
MOT06083	1887	1/3 hp	230V	1625 rpm	48Y	2.2A
MOT06089	3134	1/4 hp	230V	1075 rpm	48	1.6A
MOT06086	1824	1/2 hp	230V	1075 rpm	48Y	4.5A
MOT06091	3136	1/2 hp	230V	1075 rpm	48	4.5A
MOT06322	5108	1/3 hp	230V	1100 rpm	48Y	2.3A

Permanent Split Capacitor Unit Heater Fan Motors



5.6" Diameter Single-Speed Totally Enclosed Unit Heater Fan Motor

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06195	9034	1/6 hp	115V	1075 rpm	48Y	2.6A

5.6" Diameter 2-Speed Totally Enclosed Unit Heater Fan Motor

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06200	4855	1/3 hp	230V	1075 rpm	48YZ	2.4A	64

Note 64 Capacitor supplied detached



Fan & Blower Motors

RESCUE™ Permanent Split Capacitor Blower Motors

5.6" Diameter PSC OAO Rescue Direct Drive Fan & Blower Motor

- High efficiency for commercial and residential air handlers and furnaces
- Can replace a range of horsepower applications and a variety of mounting styles
- Designed for use with 370V capacitors
- Class B insulation
- Extended mounting studs
- Includes side shell holes for Rheem units
- Continuous duty, air over
- Multi-HP
- Automatic thermal overload protector
- 36" Leads
- Ball bearing
- Reversible rotation
- 2.5" Diameter hub rings included



Part #	Mfg #	HP	Voltage	RPM	Amps
MOT09985	5460	1/6,1/5,1/4,1/3,1/2 hp	208-230V	1075 rpm	2.8,3.6,5.5,6.9,7.3A
MOT09986	5461	1/6,1/5,1/4,1/3,1/2 hp	208-230V	1075 rpm	1.3,1.9,2.8,3.5,3.6A
MOT10274	5470	1/5,1/4,1/3,1/2,3/4 hp	208-230V	1075 rpm	3.1,3.8,4.6,6.6,8.1A
MOT10275	5471	1/5,1/4,1/3,1/2,3/4 hp	208-230V	1075 rpm	1.7,1.8,2.5,3.7,3.8A

5.6" Diameter Rescue EcoTech™ High Efficient Direct Drive Blower Motor

- For drop-in replacement PSC direct drive commercial and residential air handlers and furnaces
- Electronically controlled brushless permanent magnet motor
- 40°C Ambient rated
- Reversible rotation
- 48 Frame
- No capacitor required
- Electronically protected motor
- Continuous duty, air over
- Ball bearing
- Class B insulation
- 36" Leads
- 2-Year warranty



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT14363	5522ET	1/3 & 1/5 hp	115/208-230V	1075 rpm	48Y	4.0/3.0-2.6A
MOT14364	5532ET	1/2 & 1/4 hp	115/208-230V	1075 rpm	48Y	5.9/4.6-3.9A
MOT14365	5542ET	3/4 & 1/3 hp	115/208-230V	1075 rpm	48Y	8.1A/6.1-5.2A
MOT14366	5552ET	1 & 1/2 hp	115/208-230V	1075 rpm	48Y	11.0/8.0-7.0A



Fan & Blower Motors

Split-Phase Ventilation Direct Drive Blower Motors

6.3" Diameter ODP OAO Split-Phase Ventilation Single-Speed Direct Drive Blower Motor

- Continuous duty
- Reversible rotation
- Class B insulation
- Threaded conduit hole
- Internal conduit box opposite shaft end
- Keyway on shaft



Part #	Mfg #	HP	Voltage	RPM	Amps
MOT10188	1205	1/8 hp	115V	850 rpm	4.6A

6.3" Diameter TEAO Split-Phase Resilient Base Direct Drive Blower Motor

- Continuous duty
- 1/2" Diameter x 2-1/2" shaft
- Reversible rotation
- Studs for mounting fan guard
- Terminal board with side conduit plug
- Automatic thermal protection
- Includes capacitor mounted with cover



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT10186	6330	1/2 hp	115V	1725 rpm	56	7.4A

Get More From Your Motors

When you replace a motor, it's not just about the motor. For most motors, you'll want to also grab a new capacitor and replace that, too. While doing service, give the motor a good checkup. For example, is the rain shield cracked, allowing moisture to attack the motor? For any motors moving belts, check belts for wear, cracks, frays, tension and alignment. Inspect the sheaves and pulleys for damage and severe groove wear that can be adding stress to the system and shortening the life of the belts. Look for bent or broken shafts. Determine whether or not the system has an extremely hot bearing. For motors moving fans, don't forget the fan blade or blower wheel. If you had a difficult time removing the fan, are you sure the angle of the blade was maintained or did it get bent? All of these things can work together to extend the life of the system providing the efficiencies that were initially identified.



Fan & Blower Motors

Unit Bearing Fan Motors

SP Unit Bearing TEAO Lead-End Fan Motor

- For evaporator or condenser fans in refrigerated display cases and vending machines
- Permanently lubricated bearings
- Quiet operation
- Threaded shaft with hub
- Positive feed oil system
- 6W and Under are 60/50Hz rated
- Suitable for all angle operation
- 24" Cord with molded strain relief
- Cast iron housing
- Includes:
 - Vibration dampener
 - Hub washer
 - Speed nut
 - (4) Mounting screws



Part #	Mfg #	HP	Voltage	RPM	Rotation	Amps	Industry Number
MOT13377	2115	4W	115V	1550 rpm	CWLE	0.3A	5211
MOT13038	2123	4W	208-277V	1550 rpm	CWLE	0.2A	5221
MOT06258	2119	5W	115V	1550 rpm	CWLE	0.6A	PP7577M, D582
MOT13380	2116	6W	115V	1550 rpm	CCWLE	0.4A	5312
MOT06259	2117	6W	115V	1550 rpm	CWLE	0.4A	5311
MOT06260	2108	9W	115V	1550 rpm	CWLE	0.6A	5411
MOT13379	2109	9W	230V	1550 rpm	CCWLE	0.3A	5422
MOT13389	2111	16W	115V	1550 rpm	CCWLE	1.0A	5812
MOT06262	2112	16W	115V	1550 rpm	CWLE	1.0A	5811
MOT13378	2113	16W	230V	1550 rpm	CCWLE	0.5A	5822
MOT13547	2114	16W	230V	1550 rpm	CWLE	0.5A	5821

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Fan & Blower Motors

Capacitor Start Motors

Capacitor Start Resilient Base Motor

Compressor, Pump, Blower, Conveyor, Industrial-Duty

- Applications: compressors, pumps, conveyors, milking machines, blowers, fans open construction
- Class A or B insulation
- Open or TENV construction
- High start torque
- 40°C Ambient
- Reversible
- Sleeve or ball bearing
- 2, 4 and 6 Pole
- 60Hz/1 Phase



C309



RS1035A



C621

Part #	Mfg #	HP	Volts	RPM	Amps	Bearings	Insulation	Frame/Enclosure
MOT00347	C309	1/3 hp	115/230V	1725/1425 rpm	5.2/2.6/6.6/3.3A	Ball	B	56/ODP
MOT14577	RS1035A	1/3 hp	115/230V	1725 rpm	6.2/3.1A	Sleeve	B	48/ODP
MOT00022	C455	1/3 hp	115/208-230V	1725 rpm	6.6/3.0-3.3A	Sleeve	B	56/ODP
MOT13922	C426V1	3/4 hp	208/230/115V	1725 rpm	5.4-5.5, 11.0A	Ball	B	56/ODP
MOT05428	C523V1	1 hp	208-230/115V	1725 rpm	6.2-6.3/12.6A	Ball	B	56Z
MOT06190	C621	1-1/2 hp	208/230/115V	1725 rpm	7.8-7.5, 15.0A	Ball	B	56/ODP
MOT07615	RB1154A	1-1/2 hp	115/208-230V	1725/1425 rpm	19.2/9.6A	Ball	B	56H/ODP

Capacitor Start Rigid Base Motor

Compressor, Pump, Blower, Conveyor, Industrial-Duty

- High start torque
- Open dripproof
- 40°C Ambient
- Reversible
- 60Hz/1 Phase



V101



V102



V201

Part #	Mfg #	HP	Volts	RPM	Amps	Bearings	Insulation	Frame
MOT12164	V101	1-1/2 hp	208/60/1V	1800 rpm	15.0/7.8A	Ball	-	145T
MOT11972	V102	2 hp	115/208-230V	1725 rpm	20.4, 10.2-10.0A	Ball	-	145T
MOT08896	V201	3 hp	115/230V	1750 rpm	34.0/17.0A	Ball	B	184T
MOT11052	C058	3 hp	230V	1725 rpm	13.5A	Ball	F	145T



Fan & Blower Motors

Century® Motors

Century® Industrial Cast Iron E-Plus® 3 NEMA Premium Severe-Duty Motor

- Reversible, ball bearing
- NEMA Design B, TEFC
- 1.15 Service factor
- Class F insulation
- Continuous duty
- 60Hz/3 Phase
- Corrosion resistant fan
- Multiple dips and bakes non hygroscopic varnish
- Plated hardware
- Shielded bearings
- Shaft slinger
- Automatic drain/breather
- Fully gasketed conduit box
- Stainless steel or bronze nameplates
- 3-Year warranty from date of manufacture



Air Flow & Motors

Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT11734	T57026	1 hp	230/460V	1730 rpm	2.8/1.4A	143T	F1
MOT13372	S601	50 hp	208-230/460V	1800 rpm	142.0-115.0/57.5A	326T	F1

F1 = F1 Mount

ECM iMotor® Multi-Watt Unit Bearing OEM Shaded-Pole Evaporator Fan Motor

- Direct drop-in replacement motor for supermarket case evaporator fans and condensing units
- UL Approved E128044
- Advanced ECM design motor
- Rain shield
- Cast iron
- 13" Leads
- Lyall plug
- Up to 65% efficiency
- Wide temperature oil
- Tapped & drilled mounting holes:
 - Evaporator mount - standard 3-hole
 - Evaporator mount - Hussmann 4-hole style
 - Condenser mount - double Boss



Part #	Mfg #	Watts	Volts	RPM	Amps	Rotation	Mounting Holes
MOT14641	9207F2	6, 9, 12 hp	115V	1550 rpm	.20 - .30A	CW	(5) Rear



Fan & Blower Motors

5" Diameter Stock Motors

5" Diameter PSC MultiFit® Reversible for Condenser Fan Motor

- Permanent split capacitor
- Totally enclosed - all angle mount
- Ball bearing
- Class "B" insulation
- Double sealed ball bearings
- Multi-mounting system
- Multi-horsepower, one simple connection
- Reversing plug
- 60°C Ambient
- 36" Leads
- 1/2" Dia flatted shaft



Part #	Mfg #	HP	Volts	RPM	Amps	Capacitor
MOT13265	9722	1/8, 1/10, 1/12 hp	208/230V	1075/1 rpm	0.9A	5MFD/370V
MOT13266	9723	1/4, 1/5, 1/6 hp	208/230V	1075/1 rpm	2.0A	7.5MFD/370V
MOT13267	9724	1/4, 1/5, 1/6 hp	208/230V	1625/1 rpm	1.6A	5MFD/370V

5" Diameter Shaded Pole Fan Coil - Dual Wheel Blower less Resilient Base

- Auto protector
- Open construction
- Sleeve bearing
- 1/2" Diameter - flatted shafts
- 60Hz
- 40°C Ambient
- 42 Frame



Part #	Mfg #	HP	Volts	RPM	Amps	Rotation
MOT08631	389	1/15, 1/20, 1/30, 1/50 hp	115V	1050/4 rpm	2.4, 1.6, 1.1, 0.8A	CWLE

5" Diameter Shaded Pole Refrigeration, Unit Heater, Space Heater Motor

- Replaces most GE 21/29 frame motors
- Continuous duty, air over
- Mechanically reversible
- Sleeve bearing
- Thermally protected
- 2-1/4" Mounting rings included
- (4) Tapped 10-32 holes for shaft end
- 60Hzc398m.png



610, 611



Part #	Mfg #	HP	Volts	RPM	Amps	Rotation	Shaft
MOT13056	610	1/20 hp	115/230V	1550/1 rpm	2.4, 1.2A	CWSE	3/8" x 3-1/4"
MOT12863	611	1/20 hp	115/230V	1550/1 rpm	2.4, 1.2A	CCWSE	3/8" x 3-1/4"

Fan & Blower Motors

5-5/8" Diameter Stock Motors

5-5/8" Diameter PSC Room Air Conditioner, Fan Coil, Blower Motor

- Permanent split capacitor fan/blower motor
- Auto protector
- Continuous air over
- Energy efficient
- Open construction
- Sleeve bearing
- Reversible
- 1/2" Diameter flatted shaft
- 24" Leads minimum
- 40°-50°-60°C Ambient
- 48 Frame
- 60Hz
- (2) Hole lugs replace both 9" & 10" bolt circle
- "Flexi-mount" designed for 9" and 10" Shaft mounted blower wheels (capacitor not included)



FM1026, FM1036



Part #	Mfg #	HP	Volts	RPM	Amps	Bearings	Capacitor
MOT13159	FM1026	1/4 hp	208/230V	1075/3 rpm	1.4, 1.5A	Sleeve	5MFD/370V
MOT11828	9432A	1/4 hp	277V	1075 rpm	1.2A	Sleeve	5MFD-370V
MOT09126	FM1036	1/3 hp	208/230V	1075/3 rpm	2.7/3.7A	Sleeve	7.5MFD/370V

5-5/8" Diameter PSC Std Efficiency Fan Coil - Dual Wheel Blower Motor

- Permanent split capacitor
- Auto protector
- Class "B" insulation
- Continuous air over
- Lead reversible
- Open construction
- Sleeve bearing
- 2-1/4" Rings with 2-1/2" adapters included
- 26" Leads
- 40°C Ambient
- 48 Frame
- 60Hz only



Part #	Mfg #	HP	Volts	RPM	Amps	Bearings	Capacitor
MOT08397	DL1026	1/4 hp	115V	1075/3 rpm	3.5, 4.6A	Sleeve	5MFD/370V
MOT13251	D1076	3/4 hp	208/230V	1075/3 rpm	4.0, 5.0A	Sleeve	10MFD/370V



Fan & Blower Motors

5-5/8" Diameter PSC Unit Heater Fan - Totally Enclosed Motor

- Permanent split capacitor fan/blower
- Continuous duty, air over
- Thermally protected
- Sleeve or ball bearing
- 60Hz
- 48Y Frame



Part #	Mfg #	HP	Volts	RPM	Amps	Bearings	Capacitor
MOT01181	733A	1/2 hp	115/208-230V	1140 rpm	5.6/2.8A	Ball	Included

Blower Motors

Blower Motors

Blower Motor

- 48 Frame
- Open airover enclosures
- 12" x 4 Shaft
- Reversible
- Sleeve bearing



ServiceFirst

MOT13185

Part #	HP	Voltage	FLA	RPM
MOT13173	1/4 hp	115V	4.2A	1075 rpm
MOT13174	1/3 hp	115V	6.2A	1075 rpm
MOT13175	1/2 hp	115V	9.0A	1075 rpm
MOT13176	3/4 hp	115V	10.3A	1075 rpm
MOT13177	1/4 hp	208/230V	10.3A	1075 rpm
MOT13178	1/3 hp	208/230V	2.9A	1075 rpm
MOT13179	1/2 hp	208/230V	4.3A	1075 rpm
MOT13180	3/4 hp	208/230V	4.6A	1075 rpm

Multi-HP Universal Replacement Direct Drive Blower Motor - Open, Air Over

ServiceFirst

Part #	HP	Voltage	FLA	RPM
MOT13184	1/2 - 1/6 hp	115V	7.3A	Sleeve Bearing
MOT13185	1/2 - 1/6 hp	208/230V	3.6A	Ball Bearing
MOT13186	3/4 - 1/5 hp	208/230V	3.8A	Ball Bearing
MOT13187	3/4 - 1/5 hp	208/230V	2.8A	Ball Bearing



General Purpose Motors

Frame Replacement Motors

5.0" Diameter ODP PSC GE 21/29 Frame Replacement Motor

- Designed to replace most original 21 & 29 frame GE motors
- Hub mount bracket (2-1/4") single speed
- Shaded pole
- Sleeve bearings
- Holes provided for attaching a BX connector
- Rotation CCW lead end (except catalog # 1468)
- 30" Leads, class B insulation
- Dual voltage easily changed by quick connects
- 3/8" Diameter shafts with 1/2" adapters
- Extended thru-bolts
- Automatic reset thermal overload protector



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06240	1468P	1/20 hp	115/208-230V	1800 rpm	42Y	2.2/1.1A	61
MOT06242	1470P	1/10 hp	115/208-230V	1550 rpm	42Y	3.8/1.9A	-
MOT13658	1471P	1/10 hp	115/208-230V	1050 rpm	42Y	4.3/2.15A	61
MOT06241	1469P	1/15 hp	115/208-230V	1550 rpm	42Y	1.3/0.7A	-

Note 61 Sleeve bearings

General Purpose Motors

General Purpose 1-Phase ODP Capacitor Start - Rigid Base Motor

- Double shielded ball bearings
- Resilient mount
- Reversible rotation



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT11232	D2C2J14	2 hp	115/208-230V	1725 rpm	145T	20.0/11.3-10.0A
MOT11760	D3C2P18	3 hp	115/230V	1735 rpm	184T	38.0/19.0A

General Purpose 1-Phase ODP Split Phase - Resilient Base Motor

- For commercial and industrial ventilation systems
- 40°C Ambient
- 50Hz
- Reversible rotation
- Continuous duty
- Class A or B insulation
- Ball bearing



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT06154	2887	1/2 hp	115V	1725 rpm	56Z	8.8A

General Purpose Motors

General Purpose 3-Phase ODP Premium Efficient Motor

- Designed for pumps, fans, compressors, material handling and other general purpose applications where contaminants are minimal
- Class F insulation, class B rise at service factor (140 frame and larger)
- Rolled steel frame 56-320, cast iron frame 360-440
- Aluminum end shields 56-250, cast iron end shields 280-440
- 40°C Ambient, NEMA design B performance (4)
- Full hp at 50Hz
- Regreasable bearings 180 frame and up, lifting provisions 210 frame and up
- Double shielded bearings 48-400, open on 440
- Suitable for Wye-Delta start 250 frame and larger
- Dual voltage ratings suitable for part winding start (PWS) on low voltage
- F1 Assembly position



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT10669	D1P2H	1 hp	200V	1800 rpm	143T	3.6A	-
MOT13902	D1P2D	1 hp	208-230/460V	1800 rpm	143T	3.2-3.1/1.5A	03
MOT10701	D1P2G	1 hp	575V	1800 rpm	143T	1.3A	-
MOT10670	D32P2H	1-1/2 hp	200V	1800 rpm	145T	4.8A	-
MOT14056	D32P2D	1-1/2 hp	208-230/460V	1800 rpm	145T	4.4-4.2-2.1A	03
MOT10702	D32P2G	1-1/2 hp	575V	1800 rpm	145T	1.7A	-
MOT10671	D2P2H	2 hp	200V	1800 rpm	145T	6.4A	-
MOT14005	D2P2D	2 hp	208-230/460V	1800 rpm	145T	5.9-5.5/2.8A	03
MOT10703	D2P2G	2 hp	575V	1800 rpm	145T	2.2A	-
MOT10672	D3P2H	3 hp	200V	1800 rpm	182T	3.0A	-
MOT10704	D3P2G	3 hp	575V	1800 rpm	182T	3.2A	-
MOT10673	D5P2H	5 hp	200V	1800 rpm	184T	14.7A	-
MOT13847	D5P2D	5 hp	208-230/460V	1800 rpm	184T	13.8-13.0/6.5A	03
MOT10705	D5P2G	5 hp	575V	1800 rpm	184T	5.2A	-
MOT10674	D7P2H	7-1/2 hp	200V	1800 rpm	213T	21.4A	-
MOT13861	D7P2D	7-1/2 hp	208-230/460V	1800 rpm	213T	20.2-18.5/9.3A	03
MOT10706	D7P2G	7-1/2 hp	575V	1800 rpm	213T	7.2A	-
MOT10675	D10P2H	10 hp	200V	1800 rpm	215T	28.1A	-
MOT13945	D10P2D	10 hp	208-230/460V	1800 rpm	215T	26.3-23.8/11.9A	03
MOT10707	D10P2G	10 hp	575V	1800 rpm	215T	9.8A	-
MOT10676	D15P2H	15 hp	200V	1800 rpm	254T	45A	02
MOT10708	D15P2G	15 hp	575V	1800 rpm	254T	14.8A	-
MOT14185	D25P2D	25 hp	208-230/460V	1800 rpm	284T	64-58/29A	02, 03
MOT10710	D25P2G	25 hp	575V	1800 rpm	284T	23A	-
MOT10677	D20P2H	20 hp	200V	1800 rpm	256T	56A	02
MOT14192	D20P2D	20 hp	208-230/460V	1800 rpm	256T	54-49/24.4A	02, 03
MOT10709	D20P2G	20 hp	575V	1800 rpm	256T	19.2A	-
MOT10678	D25P2H	25 hp	200V	1800 rpm	284T	67A	02
MOT10679	D30P2H	30 hp	200V	1800 rpm	286T	79A	02
MOT14001	D30P2D	30 hp	208-230/460V	1800 rpm	286T	77-69/34A	02, 03
MOT14507	D30P3D	30 hp	208-230/460V	1200 rpm	326T	78-70/35A	02, 03

General Purpose Motors

General Purpose Motors (Continued)

General Purpose 3-Phase ODP Premium Efficient Motor

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT10711	D30P2G	30 hp	575V	1800 rpm	286T	27.7A	-
MOT10680	D40P2H	40 hp	200V	1800 rpm	324T	105A	-
MOT14023	D40P2D	40 hp	208-230/460V	1800 rpm	324T	102-31/46A	02, 03
MOT10712	D40P2G	40 hp	575V	1800 rpm	324T	37A	-
MOT10681	D50P2H	50 hp	200V	1800 rpm	326T	130A	02
MOT13943	D50P2D	50 hp	208-230/460V	1800 rpm	326T	126-113/56A	02, 03
MOT14217	D50P2DS	50 hp	208-230/460V	1800 rpm	326TS	126-113/56A	02, 03
MOT14511	D50P3E	50 hp	230/460V	1200 rpm	365T	115/57A	02, 03
MOT10713	D50P2G	50 hp	575V	1800 rpm	326T	46A	-
MOT14000	D60P2E	60 hp	230/460V	1800 rpm	364T	138/69A	02, 03
MOT10714	D60P2G	60 hp	575V	1800 rpm	364T	55A	-
MOT14189	D75P2E	75 hp	230/460V	1800 rpm	365T	172/86A	02, 03
MOT10715	D75P2G	75 hp	575V	1800 rpm	365T	69A	-
MOT10700	D100P2E	100 hp	230/460V	1800 rpm	404T	225/112A	02, 03
MOT14502	D100P2ES	100 hp	230/460V	1800 rpm	404TS	225/112A	02, 03
MOT10716	D100P2G	100 hp	575V	1800 rpm	404T	90A	02
MOT14213	D125P2F	125 hp	460V	1800 rpm	405T	140A	02, 03
MOT14221	D150P2FS	150 hp	460V	1800 rpm	444TS	168A	02, 03, 14
MOT14503	D200P3F	200 hp	260V	1200 rpm	447T	250A	02, 03
MOT14216	D200P2FS	200 hp	460V	1800 rpm	445TS	231A	02, 03

Note 02 Suitable for Wye-Delta start on voltages shown

Note 03 60/50Hz rated with no derate on horsepower, 230/460 volt 60Hz ratings operate on 190/380 volt 50Hz. 460 Volt 60Hz ratings operate on 380 volt 50Hz power; full 60Hz and 50Hz data is displayed on nameplate

Note 14 NEMA® Design A



General Purpose Motors

General Purpose 3-Phase TEFC Hostile Duty® Premium Efficient Motor



- For pulp and paper plants, saw mills, mines, foundries, chemical plants, waste management facilities, and other process-related industries requiring protection within harsh operating conditions
- Class F insulation, class B rise at full load on 60Hz sine wave power
- Cast iron frame (140: rolled steel), cast iron end brackets
- Stainless steel nameplate with CE mark and zinc plated hardware
- Same size bearings (180-400 frames)
- Shaft slinger on pulley end for IP54 protection
- Dual voltage 230/460V
- 40°C Ambient, NEMA® design B performance on 60Hz sine wave power
- Regreasable ball bearings on frames 250 and up
- Lifting provisions on frames 180 and up
- Steel fan cover and conduit box
- Condensation drains with threaded brass breather plugs



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT14034	H25P2D	25 hp	208-230/460V	1800 rpm	284T	64-58/28.9A	02, 03
MOT10902	H25P2G	25 hp	575V	1800 rpm	284T	23A	02
MOT14211	H30P3E	30 hp	230/460V	1200 rpm	326T	74/37A	02, 03, 14
MOT14434	H30P2D	30 hp	208-230/460V	1800 rpm	286T	77-69/35A	03
MOT10903	H30P2G	30 hp	575V	1800 rpm	286T	27.6A	02
MOT10872	H40P2H	40 hp	200V	1800 rpm	324T	104A	02
MOT14262	H40P2E	40 hp	230/460V	1800 rpm	324T	90/45A	02, 03
MOT14219	H40P2ES	40 hp	230/460V	1800 rpm	324TS	90/45A	02, 03
MOT10904	H40P2G	40 hp	575V	1800 rpm	324T	36A	02
MOT14256	H75P2G	45 hp	575V	1800 rpm	365T	68A	02
MOT10873	H50P2H	50 hp	200V	1780 rpm	326T	129A	02, 14
MOT14183	H50P2E	50 hp	230/460V	1800 rpm	326T	112/56A	02, 03
MOT10905	H50P2G	50 hp	575V	1800 rpm	326T	45A	02
MOT14245	H60P2H	60 hp	200V	1800 rpm	364T	155A	02
MOT14261	H60P2E	60 hp	230/460V	1800 rpm	364T	136/68A	02, 03
MOT14218	H60P2ES	60 hp	230/460V	1800 rpm	364TS	136/68A	02, 03
MOT10906	H60P2G	60 hp	575V	1800 rpm	364T	55A	02
MOT10875	H75P2H	75 hp	200V	1800 rpm	365T	196A	02, 14
MOT14260	H75P2E	75 hp	230/460V	1800 rpm	365T	169/85A	02, 03
MOT14209	H75P2ES	75 hp	230/460V	1800 rpm	365TS	169/85A	02, 03
MOT10876	H100P2H	100 hp	200V	1800 rpm	405T	260A	-
MOT14259	H100P2E	100 hp	230/460V	1800 rpm	405T	225/113A	-
MOT14212	H100P2ES	100 hp	230/460V	1800 rpm	405TS	225/113A	-
MOT10908	H100P2G	100 hp	575V	1800 rpm	405T	90A	02
MOT14505	H125P2F	125 hp	460V	1800 rpm	444T	144A	02, 03

Note 02: Suitable for Wye-Delta start on voltages shown

Note 03: 60/50Hz rated with no derate on HP, 230/460V 60Hz ratings operate on 190/380V 50Hz, 460V 60Hz ratings operate on 380V 50Hz full 60 and 50Hz data on nameplate

Note 14: NEMA® Design A



General Purpose Motors

General Purpose 3-Phase TEFC Steel Edge™ Motor

- Rolled steel frame
- Class F installation, class B rise at full load on 60Hz sine wave power
- Shaft slinger on pulley end
- 40°C Ambient, NEMA® design B performance on 60Hz sine wave power
- Dual voltage ratings suitable for part winding start (PWS on low voltage)



U1P2G



Air Flow & Motors

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT10893	U1P2G	1 hp	575V	1800 rpm	143T	1.1A	-
MOT14242	U1P2D	1 hp	208-230/460V	1800 rpm	143T	3.1-3/1.5A	03
MOT10862	U32P2H	1-1/2 hp	200V	1800 rpm	145T	4.7A	-
MOT14299	U32P2D	1-1/2 hp	208-230/460V	1800 rpm	145T	4.5-4.3/2.1A	03
MOT10894	U32P2G	1-1/2 hp	575V	1800 rpm	145T	1.7A	-
MOT10863	U2P2H	2 hp	200V	1800 rpm	145T	6.2A	-
MOT14030	U2P2D	2 hp	208-230/460V	1800 rpm	145T	5.9-5.7/2.8A	03
MOT10895	U2P2G	2 hp	575V	1800 rpm	145T	2.3A	-
MOT14215	U3P1DF	3 hp	208-230/460V	3600 rpm	145T	8.1-7.2/3.6A	03

Note 03 60/50Hz rated with no derate on HP; 230/460V 60Hz ratings operate on 190/380V 50Hz; 460V 60Hz ratings operate on 380V 50Hz full 60 & 50Hz data on nameplate

General Purpose 3-Phase TEFC Unimount® Energy Efficient Motor

- World Motor® features
- Class F inculation, class B at full load on 60Hz sine wave power
- Aluminum frame
- Rolled steel frame
- Aluminum, end shields with steel bearing inserts
- Conduit box shipped loose
- Full 50 and 60Hz operating data on nameplate
- 40°C Ambient, NEMA design B performance
- Full hp at 50Hz
- Regreasable bearings 250 frame and up
- Double shielded bearings
- Suitable for Wye-Delta start 250 frame and larger
- Dual voltage ratings suitable for part winding start (PWS) on low voltage
- CE Mark on nameplate 140 frame and larger



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT10864	U3P2H	3 hp	200V	1800 rpm	182T	9A	-
MOT14031	U3P2D	3 hp	208-230/460V	1800 rpm	182T	8.4-7.8/3.9A	-
MOT10896	U3P2G	3 hp	575V	1800 rpm	182T	3.2A	-
MOT10865	U5P2H	5 hp	200V	1800 rpm	184T	14.2A	-
MOT14032	U5P2D	5 hp	208-230/460V	1800 rpm	184T	13.6-12.3/6.2A	-
MOT14220	U5P1D	5 hp	208-230/460V	3600 rpm	184T	13.4-12.2/6.1A	-
MOT10897	U5P2G	5 hp	575V	1800 rpm	184T	5.1A	-
MOT14210	U7P3D	7-1/2 hp	208-230/460V	1200 rpm	254T	20.6-19/9.5A	-
MOT13955	U7P2D	7-1/2 hp	208-230/460V	1800 rpm	213T	20-18.2/9.1A	-



General Purpose Motors

General Purpose Motors (Continued)

General Purpose 3-Phase TEFC Unimount® Energy Efficient Motor

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT14504	U7P1D	7-1/2 hp	208-230/460V	3600 rpm	213T	19.9-17.8/8.9A	03
MOT10898	U7P2G	7-1/2 hp	575V	1800 rpm	213T	7.2A	-
MOT10867	U10P2H	10 hp	200V	1800 rpm	215T	27.5A	-
MOT13900	U10P2D	10 hp	208-230/460V	1800 rpm	215T	26.5-23.9/12A	-
MOT10899	U10P2G	10 hp	575V	1800 rpm	215T	9.6A	-
MOT10868	U15P2H	15 hp	200V	1800 rpm	254T	42A	-
MOT10884	U15P2D	15 hp	208-230/460V	1800 rpm	254T	14.6A	-
MOT10900	U15P2G	15 hp	575V	1800 rpm	254T	14.6A	-
MOT10869	U20P2H	20 hp	200V	1800 rpm	256T	54A	-
MOT14208	U20P1D	20 hp	208-230/460V	3600 rpm	256T	53-46/23A	-
MOT14033	U20P2D	20 hp	208-230/460V	1800 rpm	256T	53-47/23.7A	-
MOT10901	U20P2G	20 hp	575V	1800 rpm	256T	19A	-
MOT10918	U25P2H	25 hp	200V	1800 rpm	284T	67A	-
MOT14264	U25P2D	25 hp	208-230/460V	1800 rpm	284T	65-59/29.3A	-
MOT14258	U25P2G	25 hp	575V	1800 rpm	284T	23.4 A	-
MOT10871	U30P2H	30 hp	200V	1800 rpm	286T	81A	-
MOT14263	U30P2D	30 hp	208-230/460V	1800 rpm	286T	78-70/35A	-
MOT14257	U30P2G	30 hp	575V	1800 rpm	286T	28.1A	-

Note 03 60/50Hz rated with no derate on HP; 230/460V 60Hz ratings operate on 190/380V 50Hz; 460V 60Hz ratings operate on 380V 50Hz; Full 60 & 50Hz data on nameplate

OAO Permanent Split Capacitor Motors

3.3" Diameter OAO Permanent Split Capacitor Direct Drive Motors

- 8-32 x 3/4" Stud extensions at each end
- Ball bearings have all angle thrust system
- Multi-HP, dual voltage
- Automatic reset thermal overload protector
- 5/16" Shaft
- Reversible rotation



Part #	Mfg #	HP	Voltage	RPM	Frame
MOT14590	9664	1/12 - 1/20 hp	115/230V	1550 rpm	3.3"



General Purpose Motors

3-Phase General Purpose Motors

3-Phase ODP Resilient Base Motor for Pumps, Fans, Compressors, Conveyors

- Ball bearings
- Class "B" or Class "F" insulation
- Continuous duty
- Dripproof
- NEMA Design B
- Squirrel cage
- Standard E-Plus® (EPACT)
- NEMA Service factor
- 40°C Ambient
- 60Hz



Part #	Mfg #	HP	Volts	RPM	Amps	Frame
MOT06957	E100	1 hp	200-230/460V	1800 rpm	3.4-3.0, 1.5A	143T
MOT06808	H855L	3 hp	460/200-230V	1725 rpm	4.4/9.0-8.8	56HZ
MOT13315	E586	15 hp	230/460V	1170 rpm	43.0/21.5A	284T

3-Phase ODP Rigid Base Motor for Pumps, Fans, Compressors, Conveyors

- Ball bearings
- Continuous duty
- Dripproof
- Squirrel cage
- Energy efficient
- Standard, EPAct CC001A
- 40°C Ambient
- 60Hz
- NEMA Design B



Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT00838	H273L	1/2 hp	200-230/460V	1725 rpm	1.8-2.0/1.0A	56	-
MOT14424	E206	1-1/12 hp	230/460V	1180 rpm	5.4/2.7A	182T	-
MOT09590	H885L	1-1/2 hp	460/200-230V	1725 rpm	2.8/5.0-5.6A	56HZ	-
MOT14454	T33028E	2 hp	230/460V	1725 rpm	6.6A	145T	F1, Eisa
MOT09043	H886L	2 hp	460/200-230V	1725 rpm	3.5/6.6-7.0A	56HZ	-
MOT06721	E216V1	3 hp	200V	1760 rpm	8.9A	182T	F2
MOT06739	E217V1	3 hp	230/460V	1765 rpm	8.6/4.3A	182T	F1, Eisa
MOT14459	E393	3 hp	230/460V	3500 rpm	32.8/16.4A	215T	Eisa
MOT06967	E224	3 hp	575V	1800 rpm	3.4A	182T	F1
MOT02139	E203M	5 hp	200V	1745 rpm	14.8A	184T	F1
MOT09681	E203M	5 hp	200V	1745 rpm	14.8A	184T	-
MOT06724	E218 CR15-180-210 -F2	5 hp	200V	1760 rpm	25.7A	184T	F2
MOT13391	E204	5 hp	230/460V	3520 rpm	11.6/5.8A	182T	F1
MOT06741	E219	5 hp	230/460V	1800 rpm	13.6/6.8A	184T	F1

General Purpose Motors

3-Phase General Purpose Motors (Continued)

3-Phase ODP Rigid Base Motor for Pumps, Fans, Compressors, Conveyors

Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT06525	H847	5 hp	460/208-230V	3450 rpm	6.6/13.4-13.2A	56HZ	-
MOT01961	E924M2	5 hp	575/60/3V	1755 rpm	5.1A	184T	-
MOT06725	E316	7-1/2 hp	200V	1760 rpm	22.3A	213T	F1, Eisa
MOT06726	E316-F2	7-1/2 hp	200V	1760 rpm	22.3A	213T	F2
MOT06743	E317	7-1/2 hp	230/460V	1760 rpm	19.4/9.7A	213T	F1
MOT06744	E317-F2	7-1/2 hp	230/460V	1760 rpm	19.4/9.7A	213T	F2
MOT13471	E205	7-1/2 hp	230/460V	3490 rpm	17.2/8.6A	184T	F1
MOT02147	E303	10 hp	200V	1745 rpm	30.8A	215T	F1
MOT06727	E331	10 hp	200V	1755 rpm	29A	215T	F1
MOT08181	E397	10 hp	230/460V	1755 rpm	25.2/12.6A	S215T	F1
MOT02520	E454V1	15 hp	200V	1750 rpm	42.2A	254T	F1
MOT06729	E450	15 hp	200V	1770 rpm	43.4A	254T	F1
MOT09173	R402	15 hp	200V	1800 rpm	45.6A	254T	-
MOT06731	E452	20 hp	200V	1765 rpm	57A	256T	F1
MOT06732	E452	20 hp	200V	1765 rpm	57A	256T	F2
MOT06749	E407	20 hp	230/460V	1765 rpm	49.0/24.5A	256T	F1, Eisa
MOT14270	E407	20 hp	230/460V	1765 rpm	49.0/24.5A	S256T	-
MOT06751	E514	25 hp	230/460V	1175 rpm	61.0/30.5A	284T	F1, Eisa
MOT06736	E515V2	30 hp	200V	1770 rpm	82.2A	286T	F2
MOT06754	E516V2	30 hp	230/460V	1765 rpm	73.2/36.6A	286T	F2
MOT14460	E516V2	30 hp	230/460V	1765 rpm	73.2/36.6A	286T	F1, Eisa
MOT14329	E548	30 hp	200-230/460V	1800 rpm	85.0-75.0/37.5A	286T	F1
MOT06737	T33037	40 hp	200V	1770 rpm	111.6A	324T	F1
MOT13432	T35037	40 hp	230/460V	1770 rpm	97.0/48.5A	324T	Eisa
MOT06755	T35037	40 hp	230/460V	1770 rpm	97.0/48.5A	324T	F1
MOT14412	T37037	40 hp	575V	1770 rpm	38.8A	324T	Eisa
MOT06738	T33038	50 hp	200/60/3V	1770 rpm	139.2A	S326T	F1
MOT06756	T35038	50 hp	230/460V	1800 rpm	121.0/60.5A	326T	F1, Eisa
MOT04525	T35038	50 hp	230/460/60/3V	1800 rpm	121.0/60.5A	326T	F2
MOT11970	T57038	50 hp	230/460V	1770 rpm	118.0/59.0A	326T	F1
MOT11829	T35038	50 hp	230/460V	1770 rpm	118.0/59.0A	S326T	-
MOT06757	T35039	60 hp	230/460V	1775 rpm	142.0/71.0A	364T	F1, Eisa
MOT04828	T35039	60 hp	230/460V	1775 rpm	142.0/71.0A	364T	F2
MOT13459	T35066	100 hp	230/460V	1185 rpm	240.0/120.0A	444T	Eisa
MOT12043	T35042	125 hp	230/460V	1775 rpm	287.0/143.5A	405T	F1

F1 = F1 Mount

F2 = F2 Mount

EISA = Energy Independence and Security Act



General Purpose Motors

3-Phase TEFC Rigid Base Motor

- Ball bearings
- Continuous duty
- Energy efficient
- NEMA Design B
- Squirrel cage
- Totally enclosed
- No protector
- Standard, EPAct CC001A
- Service factor 1.15
- 40°C Ambient
- 60Hz



H280

Air Flow & Motors

Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT09141	H280	1/2 hp	200/230-460V	1200 rpm	2.1-2.0, 1.0A	56	-
MOT14457	T55026	1 hp	200V	1740 rpm	3.4A	143T	F1, Eisa
MOT14463	T55027	1-1/2 hp	200V	1730 rpm	4.8A	145T	F1, Eisa
MOT14455	T57027	1-1/2 hp	230/460V	1730 rpm	4.2/2.1A	145T	F1, Eisa
MOT14427	T57052	1-1/2 hp	230/460V	1200 rpm	4.8/2.4 A	182T	-
MOT14428	T59052	1-1/2 hp	575V	1200 rpm	1.9A	182T	-
MOT08519	T59027	1-1/5 hp	575/60/3V	1730 rpm	1.7A	145T	-
MOT14458	T55028	2 hp	200V	1730 rpm	6.4A	145T	F1, Eisa
MOT14462	T57028	2 hp	230/460V	1730 rpm	5.6/2.8A	145T	F1, Eisa
MOT13696	T57053	2 hp	230/460V	1165 rpm	5.8/2.9A	184T	-
MOT04365	T44029	3 hp	200V	1735 rpm	8.7A	282T	F1
MOT04366	T57029	3 hp	230/460V	1745 rpm	7.8/3.9A	182T	F1, Eisa
MOT11861	T57029	3 hp	230/460V	1745 rpm	7.8/3.9A	182T	F2
MOT06688	T55030	5 hp	200V	1745 rpm	14.7A	184T	F1
MOT06702	T57030F1	5 hp	230/460V	1745 rpm	12.8/6.4A	184T	F1
MOT12668	T57030	5 hp	230/460V	1745 rpm	12.8/6.4A	184T	with Cr18
MOT13761	T44030	5 hp	200V	1800 rpm	14.6A	184T	F1
MOT13762	T44030-F2	5 hp	200V	1800 rpm	14.6A	184T	Eisa
MOT06667	T59030	5 hp	575V	1745 rpm	5.1A	184T	F1
MOT08533	T48030	5 hp	575V	1800 rpm	5.1A	184T	-
MOT06690	T55031	7-1/2 hp	200V	1750 rpm	21.5A	213T	F1
MOT06691	T55031-F2	7-1/2 hp	200V	1750 rpm	21.5A	213T	F2
MOT13451	T57031	7-1/2 hp	230/460V	1750 rpm	18.2/9.1A	213T	-
MOT12669	T57031	7-1/2 hp	230/460V	1750 rpm	18.2/9.1A	213T	F1, Eisa
MOT06669	T59031	7-1/2 hp	575/60/3V	1750 rpm	7.3A	213T	F1
MOT06692	T55032	10 hp	200V	1750 rpm	28.0A	215T	F1
MOT14453	T57032	10 hp	230/460V	1750 rpm	23.8/11.9A	215T	F1, Eisa
MOT14408	T57032-F2	10 hp	230/460V	1750 rpm	23.8/11.9A	215T	F2, Eisa
MOT14429	T57007	10 hp	230/460V	3500 rpm	18.0/9.0A	215T	-
MOT14430	T59007	10 hp	575V	3500 rpm	9.2A	215T	-
MOT06671	T59032	10 hp	575/60/3V	1750 rpm	9.5A	215T	F1
MOT06694	T55033	15 hp	200/60/3V	1765 rpm	42.5A	254T	F1

General Purpose Motors

3-Phase General Purpose Motors (Continued)

3-Phase TEFC Rigid Base Motor

Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT06708	T57033	15 hp	230/460V	1760 rpm	37.0/18.5A	254T	F1
MOT06709	T57033	15 hp	230/460V	1760 rpm	37.0/18.5A	254T	F2
MOT08524	T59033	15 hp	575V	1760 rpm	14.8A	254T	-
MOT09788	T57034	20 hp	230/460V	1760 rpm	49.0/24.5A	256T	-
MOT06710	T57034	20 hp	230/460V	1760 rpm	49.0/24.5A	256T	F1
MOT06711	T57034	20 hp	230/460V	1760 rpm	49.0/24.5A	256T	F2
MOT06675	T59034	20 hp	575/60/3V	1760 rpm	19.6A	256T	F1
MOT06676	T59034	20 hp	575/60/3V	1760 rpm	19.6A	256T	F2
MOT04777	T55035	25 hp	200V	1765 rpm	69.0A	284T	F1
MOT13450	T57035	25 hp	230/460V	1765 rpm	6.0.0/30.0A	284T	-
MOT06712	T57035	25 hp	230/460V	1765 rpm	6.0.0/30.0A	284T	F1
MOT06713	T57035	25 hp	230/460V	1765 rpm	6.0.0/30.0A	284T	F2
MOT06677	T59035	25 hp	575/60/3V	1800 rpm	24.0A	284T	F1
MOT06678	T59035	25 hp	575/60/3V	1800 rpm	24.0A	284T	F2
MOT06714	T57036	30 hp	230/460V	1765 rpm	72.0/36.0A	286T	F1
MOT11860	T57036	30 hp	230/460V	1765 rpm	72.0/36.0A	286T	F2
MOT06679	T59036	30 hp	575V	1765 rpm	28.8A	286T	F1
MOT11969	T57037	40 hp	230/460V	1770 rpm	94.8/47.4A	324T	F1
MOT06716	T57037	40 hp	230/460V	1770 rpm	94.8/47.4A	324T	F1
MOT07121	T57037	40 hp	230/460V	1770 rpm	94.8/47.4A	324T	F2
MOT12670	T57037	40 hp	230/460V	1800 rpm	94.8/47/4A	324T	with Cr18
MOT06717	T57038	50 hp	230/460V	1770 rpm	118.0/59.0A	326T	F1
MOT12671	T57038	50 hp	230/460V	1770 rpm	118.0/59.0A	326T	with Cr18
MOT06682	T59038	50 hp	575V	1770 rpm	47.2A	326T	F1
MOT06718	T57039	60 hp	230/460V	1770 rpm	143.0/71.5A	364T	F1
MOT06683	T57039	60 hp	230/460V	1770 rpm	143.0/71.5A	364T	F2
MOT05691	T35040	75 hp	230/460V	1775 rpm	176.0/88.0A	365T	F1
MOT06719	T57040	75 hp	230/460V	1770 rpm	180.0/90.0A	365T	F1
MOT06684	T59040	75 hp	575/60/3V	1770 rpm	72A	365T	F1
MOT06720	T57041	100 hp	230/460V	1775 rpm	240.0/120.0	405T	F1
MOT13619	T59041	100 hp	575V	1775 rpm	96.0A	405T	F1
MOT12042	T57042	125 hp	230/460V	1775 rpm	286.0/143.0A	444T	F1

F1 = F1 Mount

F2 = F2 Mount

EISA = Energy Independence and Security Act



General Purpose Motors

3-Phase TEFC Motor - Cast Iron

- Ball bearings
- Class "F" insulation
- Continuous duty
- Energy efficient
- NEMA Design B
- Rigid base
- Squirrel cage
- Totally enclosed
- No protector
- Standard, EPAct CC001A (E-Plus®) and premium (E-Plus® 3) type motors
- Service factor 1.15
- 40°C Ambient, 60Hz



E645/E553V1

Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT08523	T48032	10 hp	575V	1800 rpm	10.1A	215T	F1
MOT13445	E645	30 hp	575V	1200 rpm	29.0A	326T	F1
MOT06680	E553	30 hp	575V	1800 rpm	29.1A	286T	F2
MOT06681	T59037	40 hp	575V	1800 rpm	37.0A	324T	F1
MOT04850	E720	60 hp	200-230/460V	1800 rpm	162.0-144.0/72.0A	364T	F2

F1 = F1 Mount

F2 = F2 Mount

3-Phase TEFC NEMA C-Face General Purpose Motor

- Squirrel cage
- Rigid or removable base
- Ball bearing
- 60Hz
- Reversible
- 40°C Ambient
- Keyed shaft
- Inverter duty motor NEMA design B



Part #	Mfg #	HP	Volts	RPM	Amps	Frame	Notes
MOT11544	H1000	1/4 hp	208-230/460V	1140 rpm	1.301.2/.6A	56C	Removable Base



Oil Burner Motors

OEM Replacement Split-Phase & Capacitor Start Oil Burner Motors

- For use on oil burners
- Totally enclosed when mounted
- 40°C Ambient
- 20" Leads
- 1.0 Service factor
- Reversible rotation except as noted
- Manual reset thermal overload protector
- Class B insulation except as noted
- 48M & 48N Flange are ventilated
- Sleeve bearings have all angle thrust system
- Ball bearings (unless noted)



OEM Direct Replacements: Beckett®, Carlin®, Ducane®, Wayne Home®

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06255	5866	1/7 hp	115V	3600 rpm	48M	2.0A	0, 1

Note 0 Sleeve bearings

Note 1 Non-Reversible

OEM Direct Replacement: Lennox Furnace®

Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT06254	3251	1/6 hp	115V	1800 rpm	56N	3.4A	0, 2

Note 0 Sleeve bearings

Note 2 - 4 Holes in frame band for mounting transformer box

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Oil Burner Motors

Oil Burner Motors

Flange Mount Oil Burner Motor

- For use with oil burners
- 40°C Ambient
- Manual overload protector
- 1.0 Service factor
- Class A insulation
- Reversible rotation except as noted
- Manual reset thermal overload protector
- Sleeve bearing where noted



Part #	Mfg #	HP	Voltage	RPM	Enclosure	Frame	Amps	Notes
MOT06246	3196	1/8 hp	115V	1725 rpm	TENV	48N	2.4A	61, 85
MOT06245	2097	1/8 hp	115V	3450 rpm	ODP	48N	2.4A	61, 84
MOT06250	2302	1/4 hp	115V	3450 rpm	ODP	48N	3.7A	61
MOT06253	3580	1/3 hp	115V	1725 rpm	TENV	56N	5.0A	77

Note 61 Sleeve bearings

Note 77 5/8" Shaft adapter and key packet with motor

Note 84 Non-Reversible

Note 85 Removable face plate

Oil Burner Motors

For Domestic High & Low Pressure Oil Burner

- Enclosed
- Manual protector
- Factory connected for CW rotation
- Split-phase
- 60Hz



Part #	Mfg #	HP	Volts	RPM	Amps	Rotation	Frame
MOT13320	OBK6002V1	1/7 hp	115V	3450 rpm	1.8A	CWOSE	48N

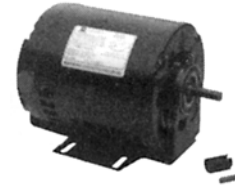


Specialty Motors

Evaporative Cooler Motors

6.3" Diameter ODP Split-Phase 2-Speed Hub Mount Evaporative Cooler Motor

- Re-oilable bearings
- Class B insulation
- CW Rotation shaft end
- Zinc-phosphate stator studs and nuts
- Corrosion resistant rotor core and actuator assembly
- Industry standard hub to hub dimension
- Automatic thermal overload protector



Part #	Mfg #	HP	Voltage	RPM (Wdgs)	Frame	Amps	Notes
MOT10210	6765	1/2 (1/6) hp	115V	1800/1200 (2) rpm	56YZ	7.5/4.0A	61

Note 61 Sleeve bearings

Note 89 All copper wound

OEM Replacement Permanent Split Capacitor Motors

3.3" Diameter OEM OAO Permanent Split Capacitor Direct Drive Motor

- 8-32 x 3/4" Stud extensions at each end
- Ball bearings have all angle thrust system
- Special OEM cord with plug
- Automatic reset thermal overload protector
- 5/16" Shaft
- CWLE Rotation, reversible



Part #	Mfg #	HP	Voltage	RPM	Frame
MOT13971	9662	1/20 hp	115V	1550 rpm	3.3"
MOT13972	9656	1/15 hp	208-230V	1550 rpm	3.3"

Did you Know? Many motors ship from the factory with plugs in the grease ports. More motors fail from the wrong lubricant being used, or too much lubricant being added, than fail from a lack of lubrication. Grease fittings may be added if personnel are trained in proper lubrication procedures. Some motors have double shielded or sealed ball bearings and grease cannot be added.



Specialty Motors

Special Application Pump Motors

3-Phase ODP Special Application Close Coupled Pump Motor

- Class F installation, Class B rise at service factor
- Rolled steel frame
- Aluminum end shields 140-250, cast iron end shields 280-320
- Oversized ball bearings with locked shaft end construction
- Premasked mylar nameplate (with CE mark)
- F1 Assembly position
- Double shielded bearings
- 40°C Ambient, NEMA® design B performance on 60Hz sine wave power
- JM Shaft for mechanical seal



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps	Notes
MOT14448	DJ7E2DM	7-1/2 hp	208-230/460V	1800 rpm	213JM	21-19.2/9.6A	03, 16

Note 03 60/50Hz rated no derate on HP; 230/460V 60Hz ratings operate on 190/380V 50Hz; 460V 60Hz ratings operate on 380V 50Hz; full 60 and 50Hz data on nameplate

Note 16 Motors marked 208-230/460V may not meet all NEMA (MG-1) performance standards when operated at 208V

3-Phase TEFC Special Application Close Coupled Pump Motor

- Premium efficient
- JM Shaft footed



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT14214	UJ3P2BM	3 hp	230/460V	1760 rpm	182JM	8/4A

Special Application Commercial Pump Motor



EU0752B



Part #	Mfg #	HP	Voltage	RPM	Frame	Amps
MOT11889	EU0752B	3/4 hp	115/208-230V & 110/220V	3450 rpm	56J	11.0/5.4-5.5A
MOT11892	EU2002B	2 hp	115/208-230V & 110/220V	3450 rpm	56J	19.6/10.7-9.8A

3-3/8" Diameter Stock Motors

3-3/8" Diameter Shaded Pole Fan Cooled - Totally Enclosed Motor

- 60Hz



982



Part #	Mfg #	HP	Volts	RPM	Amps	Rotation
MOT13097	982	1/8 hp	115V	3000 rpm	2.0A	REV



Specialty Motors

56 Frame Special Purpose Motors

E-Plus® Belted or Direct Drive Motor

- Ball bearing
- 325 Low temperature grease
- Capacitor start/ capacitor run
- Class B insulation
- Resilient base
- Dripproof
- High efficiency
- Reversible, 50Hz
- 50°C Ambient



Part #	Mfg #	HP	Volts	RPM	Amps	Frame
MOT10089	C586	3/4 hp	208-230/115V	1725 rpm	4.2-4.0/8.0A	56

OEM Motors - Direct Replacement

- Direct replacement for many popular high volume motors used by OEM's
- Special mechanical & electrical configurations to match original motors

5" Diameter First Co./Summit OEM Motor



Part #	Mfg #	HP	Volts	RPM	Amps	Rotation	Capacitor
MOT14291	748	1/6 hp	208/230V	1550/4 rpm	3.7A	CCWLE	Included

Split-Phase Resilient Base Motors

- Class B insulation
- Continuous duty
- Reversible
- 60Hz



Part #	Mfg #	HP	Volts	RPM	Amps	Bearings	Enclosure	Frame
MOT00216	904L	1/4 hp	115/60/1V	1725 rpm	3.1A	Ball	Tenv	48

Unit Bearing Motors

Unit Bearing Fan Motor by Electric Motors & Specialties

- High efficiency
- Cast iron
- Horizontal and shaft-up mounting only



16-25-35 Watt Motors

Part #	Mfg #	Watts	Volts	RPM	Amps	Rotation	Shaft Dia & Length
MOT13220	251	25W	115V	1500 rpm	1.1A	CCWLE	1/4" & 20THD



Motor Accessories

Motor Accessories

Belly Band Mount

- Adjustable ear mount
- Double wire type



Part #	Mfg #	Description
KIT02406	25	For Use with 5.6" Diameter Motor

Direct Drive Belly Band Blower Mounting Ring Set

- E-band torsion type
- Includes motor support ring with welded ears



Part #	Mfg #	Description
KIT02413	43	For 5.0" Diameter Motor - 9" or 10" Blower Mount Diameter

Direct Drive Blower Mounting Ring Set

- Double wire type



Part #	Mfg #	Description
KIT02412	17	For 5.6" Diameter Motor - 10" Blower Mount Diameter

Drip Shield

- For condenser fan motors



Part #	Mfg #	Description
KIT02416	26	6-3/8" Diameter with 1/2" Diameter Shaft Hole

Hub Length Adapter Set

- Set includes:
 - (2) 2-1/4" Resilient mounting rings
 - (4) Metal outer rings to convert to 2-1/2" rings for 5.0" and 5-5/8" diameter motors
 - (10 - 32) Studs for adaptation to 21 frame
 - (8 - 32) Screws for extended studs for 5.0" and 5.6" frames



Part #	Mfg #	Description
KIT02415	27	Hub Length Adapter Set



Aerosols

Aerosol Products

Break-n-Lube

- Penetrates, lubricates, displaces moisture, and provides superior resistance to corrosion
- Made with CERFLON®



Part #	Mfg #	Description
CHM00706	4128-03	12 oz Aerosol

CalClean®

- Heavy-duty detergent formulation of surfactants, grease solvents, alkaline cleaners, corrosion inhibitors and water conditioners
- For spray cleaning evaporator coils, air cooled condenser coils, metal filters and fan blades
- Biodegradable, USDA approved



Part #	Mfg #	Description
CHM00324	4081-75	20 oz Aerosol

Degreasing Solvent ef

- Ozone-safe, environmentally friendly
- Volatile solvent
- Provides effective degreasing and cleaning as well as controlled drying with no residue
- Dielectric strength in excess of 26,000V



Part #	Mfg #	Description
SOV00045	4083-75	17 oz Aerosol

Degreasing Solvent-LV

- Removes grease and oil
- Blasts away deposits
- No chlorinated or fluorinated solvents
- Contains no lead, phosphorous or silicone
- Meets or exceeds California VOC limits



Part #	Mfg #	Description
SOV00057	4083-83	14 oz Aerosol

Electrical Contact Cleaner

- Cleans, lubricates, and protects electrical contacts from corrosion
- Safe on nearly all plastics
- Removes grease, dust and oxidation
- Includes extension tube
- USDA Approved



Part #	Mfg #	Description
CHM00325	4082-03	16 oz Aerosol
CHM00730	4082-04	14 oz Aerosol

Evap Foam®

- High performance detergent with special surfactants and alkaline cleaners, foaming
- "No rinse required" condenser coil cleaner
- Spray right side up or upside down
- For cooling or evaporator coils



Part #	Mfg #	Description
CHM00354	4171-75	18 oz Aerosol

Evap-Fresh®

- Coil cleaner and disinfectant
- Effectively cleans as well as kills mold, slime and bacteria
- "No rinse required" condenser coil cleaner
- One-step cleaner



Part #	Mfg #	Description
CHM00708	4166-75	18 oz Aerosol

Food Grade Silicone Lubricant

- Sprays non-stick surface on ice machine surfaces, vending machines, coin slots, hot plates, slicing machines and other food processing/packaging equipment
- Contains ingredients approved by FDA for food contact use
- USDA Approved



Part #	Mfg #	Description
LUB00055	4084-03	11 oz Aerosol

Aerosols

Nu-Blast®



- "No rinse required" condenser coil cleaner
- High pressure blast plus solvent cleaning



Part #	Mfg #	Description
CHM00392	4290-75	18 oz Aerosol

Nu-Brite®



- Foaming coil cleaner
- Brightens as it cleans
- Safer than acids
- Biodegradable, USDA approved



Part #	Mfg #	Description
CHM00589	4291-18	18 oz Aerosol

Nu-Foam®



- Expanding polyurethane prepolymer foam
- Used as a sealing and insulating product



Part #	Mfg #	Description
CHM00396	4293-04	9 oz Can
CHM00397	4293-75	20 oz Can

Nu-Kill® II Wasp and Hornet Killer

- Synergized pyrethrins formula quickly and effectively kills wasps, hornets and yellow jackets
- Jet sprays up to 20'
- Safe around electrical equipment (dielectric strength of 47,000 volts)



Part #	Mfg #	Description
CHM00463	4292-75	13.5 oz Aerosol

Pan Spray



- Water proof rubberized coating
- Seals out rust and corrosion
- Repairs leaky condensate pans, cooling towers, swamp coolers, roofing, gutters and down spouts



Part #	Mfg #	Description
CHM00492	4296-50	16 oz Aerosol, White
CHM00632	4296-51	16 oz Aerosol, Black

Pipe Dri®



- Aerosol insulation
- Provides moisture barrier
- Quickly adheres and dries to hard water proof coating



Part #	Mfg #	Description
CHM00401	4297-75	18 oz Aerosol

V-Belt Dressing



- Penetrates and extends modern v-belt life
- Keeps belt pliable
- USDA Approved



Part #	Mfg #	Description
CHM00326	4086-03	16 oz Aerosol

Spray Adhesive



- Fast-drying, all-purpose product
- Strong, water-resistant, flexible bond
- Translucent, no bleed-through



Part #	Mfg #	Description
ADH00028	4080-04	11 oz Aerosol

Spray-n-Bond® Insulation Adhesive



- Formulated for insulation and duct liner applications
- Ideal for uneven and porous surfaces
- Waterproof and transparent



Part #	Mfg #	Description
ADH00030	4369-75	13 oz Aerosol

Aerosols

Aerosol Products

Chisel® Gasket Remover (Methylene Chloride)

- Removes gaskets from any type assembly in 10 to 15 minutes
- Prepares metal parts for new gaskets, eliminating scraping and sanding
- Works on wood
- Non-corrosive on aluminum
- Not for use on plastics, linoleum, or synthetic fibers

LOCTITE



Part #	Mfg #	Size
SOV00004	79040	18 oz

Clean-N-Safe™ Aerosol Coil Cleaner

- Clear color
- USDA Authorized category H-2

RECTORSEAL



Part #	Mfg #	Size
CHM00202	83780	20 oz

Buz-Awf™ Wasp Killer

- Wasp, hornet and bee killer
- EPA Registered

RECTORSEAL



Part #	Mfg #	Size
CHM00287	84390	16 oz

Electrical Contact & Parts Cleaner

LOCTITE

Part #	Mfg #	Size
SOV00034	25791	11 oz

Fin Protectant, Air Cooled Condenser

- Does not affect heat transfer
- Prevents rust and corrosion
- Ideal for salt air environments



Part #	Mfg #	Size	Qty
CHM00275	CHM00275	16 oz	12

K.O.™ Dirt Blaster Cleaner/Degreaser

- High pressure cleaner and degreaser for small condenser coils
- Strips off dirt and cooking grease without a water rinse
- High dielectric strength
- Non-flammable
- Quick-drying safety solvent with pleasant scent

RECTORSEAL



Part #	Mfg #	Size
CHM00771	88438	20 oz

Primer T™ Primer

- Acetone/isopropanol base
- Anaerobics application
- Dry time: 30 - 70 seconds

LOCTITE



Part #	Mfg #	Size
CHM00208	22477	4.5 oz

SWAT Wasp and Hornet Killer

- Kills bees and wasps on contact
- 20' Stream provides a safe distance

Hydro Balance



Part #	Mfg #	Size	Qty
CHM00128	H-200	15 oz	12

Zip Clean Evaporator Coil Cleaner

- Aerosol spray can
- No mixing, no sprayer
- No rinsing required

Hydro Balance



Part #	Mfg #	Size
CHM00543	ZC-02	18 oz

Boiler & Closed System Treatment

Closed System & Glycol Water Treatment

Burst-Kontr'l® AP-100 Heat Transfer & Anti-Freeze Fluid

- Burst protection to -100° and freeze protection to -60°F
- Maximum corrosion protection for all metals including aluminum and copper
- Non-toxic and non-corrosive propylene glycol based fluid
- Formulated for optimum heat transfer and maximum fluid life



Part #	Mfg #	Description
CHM00857	4187-15	5 gal Pail

Freez-Kontr'l® 95/5 Inhibited Propylene Glycol Heat Transfer Fluid and Anti-Freeze

- For chilled water, hydronic and other closed systems
- Concentrated 95% propylene glycol formula provides optimum freeze and burst protection
- Fully inhibited to prevent corrosion
- Non-flammable
- Low in acute oral toxicity



4188-06



Part #	Mfg #	Description
CHM00996	4188-06	5 gal Pail
CHM00998	4188-03	55 gal Steel Drum

Freez-Kontr'l® FG Inhibited USP Grade Propylene Glycol Heat Transfer Fluid

- For chilled water and hydronic systems
- 95% USP Grade propylene glycol
- Freeze protection to -60°F and burst protection to -100°F
- Fully inhibited to prevent corrosion
- Non-flammable and non-toxic
- Components in formulation conform to 21 CFR 184.1666, 21 CFR 182.6285 & 21 CFR 74.1706 of the US Code of Regulations
- NSF Listed for category Codes HT1 (heat transfer fluids with incidental food contact) and HT2 (heat transfer fluids with no food contact)



Part #	Mfg #	Description
CHM00994	4188-04	55 gal Plastic Drum

Freez-Kontr'l® - Closed System Freeze Protector

- Based upon non-toxic propylene glycol
- Provides corrosion and freeze protection for chilled water, hydronic and other closed systems



4188-05



Part #	Mfg #	Description
CHM00371	4188-05	5 gal Pail
CHM00372	4188-02	55 gal Plastic Drum

Freez-Therm® Glycol Water Treatment

- Inhibited heat transfer fluid and anti-freeze based upon ethylene glycol
- Used in chilled water, hydronic and other closed systems for both freeze point suppression and corrosion inhibition



4189-07



Part #	Mfg #	Description
CHM00373	4189-07	1 gal
CHM00374	4189-05	5 gal Pail
CHM00375	4189-01	55 gal Drum

Glycol Refractometer

- For determining the freeze protection level of ethylene glycol or propylene glycol solutions



Part #	Mfg #	Description
MTR00897	4816-0	Glycol Refractometer

Fuel Oil Deodorizers & Absorbents

Odorgon™ Deodorizer/Absorber



Part #	Mfg #	Description
CHM00605	68512	1 lb Powder

Coil Cleaners

Anti-Foulants

Stay Kleen Cooling Coil Anti-Foulant

- Protects coils from airborne particulates and other contaminants up to 2 - 3 years
- Improves indoor air quality and eliminate foul odors at their source
- Contains preservatives that protect from deterioration caused by mold and bacterial growth



Part #	Mfg #	Size	Qty
CHM00272	CHM00272	1 qt	12
CHM00273	CHM00273	1 gal	4

Coil Cleaners

Alka-Brite®

- Non-acid, alkaline based
- For brightening and cleaning air cooled condensers
- Biodegradable



Part #	Mfg #	Size
CHM00332	4120-08	1 gal

Black Max Condenser Coil Cleaner

- Premium grade alkaline - expanding foam action
- Removes stubborn contamination
- Dilution rates from 3 to 40 parts water
- Good ventilation, protective gloves and eye protection required
- Biodegradable



Part #	Mfg #	Size	Qty
CHM00519	CHM00519	1 gal	4

Cal-Brite®

- Used for cleaning finned coils
- Deep penetrating foaming cleaner removes oxidation and brightens



Part #	Mfg #	Size
CHM00337	4133-08	1 gal

CalClean®

- Heavy-duty detergent formulation of surfactants, grease solvents, alkaline cleaners, corrosion inhibitors and water conditioners
- For spray cleaning evaporator coils, air cooled condenser coils, metal filters and fan blades
- Biodegradable, USDA approved



Part #	Mfg #	Size
CHM00341	4135-08	1 gal

Cal-Green®

- Non-foaming, non-toxic coil cleaner
- Biodegradable and free of dyes, fragrances and masking agents



Part #	Mfg #	Size
CHM00764	4190-08	1 gal

Cal-Shield™

- Synergistic liquid formulation based upon DuPont's Teflon® fluoro-additives
- Extends life of finned coils operating in corrosive environments like salt air and in food acids
- Food grade product
- Ready to use spray on application



Part #	Mfg #	Description
CHM00348	4148-32	1 qt Spray
CHM00349	4148-08	1 gal

Coil Cleaners

Coil-Rite™ Evaporator Coil Cleaner

- Low foaming, self-rinsing



Part #	Mfg #	Size
CHM00290	82612	1 gal

Con-Coil™ Condenser Coil Cleaner

- Acid based foaming brightener and cleaner for finned, air-cooled condenser coils



Part #	Mfg #	Size
CHM01006	82622	1 gal

Enviro-Coil™ Concentrate Dual Purpose Coil Cleaner

- Safely cleans evaporator and condenser coils
- Environmentally friendly with biodegradable surfactants
- No acid, no butyl ether, no phosphates, no petroleum solvents, no potassium hydroxide, no sodium hydroxide
- Non-combustible and odorless



Part #	Size	Qty
CHM00255	1 gal	4

Enviro-Coil™ Evaporator & Condenser Cleaner

- Cleans evaporator and condenser coils
- No foaming action, only attacks dirt buildup
- Environmentally safe
- No rinsing required on evaporator coils
- USDA Accepted



Part #	Mfg #	Size	Qty
CHM00141	H-EC01	1 gal	4

Evap-Fresh®

- Coil cleaner and disinfectant
- Effectively cleans as well as kills mold, slime and bacteria
- "No rinse required" condenser coil cleaner
- One-step cleaner



Part #	Mfg #	Size
CHM00707	4166-08	1 gal

Evap-Green®

- VOC free coil cleaner
- Biodegradable and free of dyes, fragrances and masking agents



4191-08

Part #	Mfg #	Size
CHM00765	4191-08	1 gal
CHM00820	4191-01	55 gal

Evap Pow'r®

- For cleaning indoor evaporator coils
- Cleans and emulsifies
- No-rinse product



4168-08

Part #	Mfg #	Description
CHM00351	4168-08	1 gal
CHM00352	4168-05	2.5 gal Pail

Foam Brite™

- Ultimate foaming cleaner, cleans condenser coils
- Biodegradable



4178-08

Part #	Mfg #	Description
CHM00355	4178-08	1 gal
CHM00356	4178-05	2.5 gal Pail

Coil Cleaners

Green Clean



- All purpose cleaner
- Rapidly removes grease and other heavy soils
- Non-corrosive



Part #	Mfg #	Description
CHM00367	4186-24	1 qt Spray
CHM00368	4186-08	1 gal

Non-Acid Outdoor Coil Cleaner Base™

- 100% Active ingredients, super concentrate
- Dilutes with up to 80 parts water
- Alkaline
- Biodegradable



Part #	Size
CHM00246	1 qt

Nu-Brite®



- Foaming coil cleaner
- Brightens as it cleans
- Safer than acids
- Biodegradable
- USDA Approved



Part #	Mfg #	Description
CHM00393	4291-08	1 gal
CHM00394	4291-05	2.5 gal Pail

Hydro-Coil Concentrate Self-Rinsing Evaporator Coil Cleaner

- No foaming action - only attacks dirt buildup, not metal
- Dilution rates from 4 to 6 parts water
- USDA Accepted



Part #	Mfg #	Size
CHM00145	H-401	1 gal

Hydro-Kleen Concentrate Coil Cleaner

- Non-acid, foaming, air-cooled condenser cleaner and brightener
- Expanding foam action unclogs coils and removes dirt and grime
- Excellent on greasy contamination
- Dilution rates from 2 to 20 parts water
- Must be thoroughly rinsed with water
- USDA Accepted



Part #	Mfg #	Size
CHM00144	H-1101	1 gal

Non-Acid, Foaming Air-Cooled Condenser Cleaner

- Concentrated foaming alkaline condenser coil cleaner
- Biodegradable



Part #	Size
CHM00773	1 gal

Nu-Clear Coil Cleaner & Brightener

- Foams out stubborn deposits from coils
- Ideal for cleaning grease-contaminated air conditioning coils and condensers
- Reduces head pressure
- Increases system capacity



Part #	Mfg #	Size	Qty
CHM00261		1 gal	4
CHM00666	NU-CLEAR 5GAL	5 gal	-

Pre-Clean Concentrate Coil Cleaner

- Formulated for cleaning air conditioning coils and parts prior to application of anti-foulant coatings
- Contains no harsh acids or alkalis and will leave no residue
- Odorless
- Biodegradable



Part #	Size	Qty
CHM00274	1 gal	4

Coil Cleaners

Renewz™ Condenser Coil Cleaner

- Non-acid foaming brightener and cleaner for air-cooled condenser coils



Part #	Mfg #	Size
CHM00289	82644	1 gal

Rydall Coil Cleaner

- Cleans any finned cooling/heating coils
- Non-corrosive, non-hazardous and biodegradable



RYCC4

Part #	Mfg #	Description
CHM00791	RYCC4	4 Gallon/Case
CHM00792	RYCC5	5 Gallon Drum

Self-Rinsing Evaporator Indoor Coil Cleaner

- Concentrated evaporator coil cleaner
- Nontoxic
- Heavy-duty
- Contains a balanced blend of organic and inorganic ingredients with alkalinity
- No rinsing required
- Biodegradable



Part #	Mfg #	Size	Qty
CHM00271	CHM00271	1 gal	4

Self-Rinsing Indoor Coil Cleaner Base™

- 100% Active ingredients, super concentrate detergent
- (1) Quart makes over (6) gallons of cleaning solution
- Biodegradable
- Nontoxic
- Self-rinsing concentrate cleans dirty evaporator coils while system is operating
- USDA Approved



Part #	Size	Qty
CHM00247	1 qt	4

Special HD CalClean®

- For removing tobacco tars and other stubborn stains on electronic air filters
- Can be used to clean evaporator coils, air cooled condensers and permanent filters



4144-24



4143-08

Part #	Mfg #	Description
CHM00347	4144-24	1 qt Spray
CHM00344	4143-08	1 gal
CHM00345	4143-06	2.5 gal Pail

TriClean 2X

- For the annual cleaning of residential and light commercial outdoor A/C coils
- Simply connect to hose, clean, and rinse
- Restores system efficiency by rapidly emulsifying insulating soils from outdoor coil
- A must-have for any clean and check preventative maintenance program
- Cleans where water alone is ineffective
- Metal safe, biodegradable chemistry
- (1) Bottle cleans up to (3) 5-ton coils
- No sprayer required



Part #	Mfg #	Description
CHM01010	4372-24	1 qt w/Hose Connector

Tri-Pow'r™ HD

- General purpose coil cleaner
- Detergency, degreasing and deodorizing capability
- Non-acid, non-toxic and biodegradable



Part #	Mfg #	Size
CHM00426	4371-88	1 gal

Condensate Pan Treatment

Bio-Klean Time-Release Pan Treatment

- For use on air conditioners, refrigerator drain pans, dehumidifier water tanks, and other nonpotable water retention areas
- Solid-package strip releases actives leaving only used polymer shell to be discarded
- EPA Registered



Part #	For Units	Pkg Qty	Case Qty
CHM00256	0-1 Ton	10/Pk	12 Pk/Case
CHM00257	1.5-2.5 Ton	10/Pk	12 Pk/Case
CHM00258	3-5 Ton	6/Pk	24 Pk/Case
CHM00259	7-10 Ton	2/Pk	24 Pk/Case
CHM00260	20 Ton	1/Pk	25 Pk/Case
CHM00264	40-50 Ton	1/Pk	12 Pk/Case
CHM00320	3-5 Ton	20/Pk	25 Pk/Case
CHM00321	7-10 Ton	8/Pk	12 Pk/Case
CHM00322	20 Ton	8/Pk	12 Pk/Case
CHM00279	1.5-2.5 Ton	20/Pk	50 Pk/Case

Drain Pan Cleaners

Actabs™ Jr Drain Pan Cleaner

- EPA Registered biocide
- Eliminates or prevents most blockages in air conditioning and refrigeration lines due to build-up of bacterial slime rust, scale, sludge, airborne dust, silt, and other solids



Part #	Mfg #	Description
CHM00195	68104	200 Tab Bottle

Condensate Drain Pan Treatment

Pro-Treat® 200 Economy Condensate Drain Pan Treatment

- Safe, non-corrosive, odor-free, 100% soluble
- Computer room approved
- Dosages: (3) tablets per 3 tons per month



Part #	Mfg #	Description
CHM00297	PROTREAT-200	(200) Tablets per Jar

Pan-Clear Drain Tabs

- For condensate drain pans
- Helps control odors, overflows and water damage
- Dissolves completely
- (12) Jars per case



Part #	Description
CHM00313	100/Jar

Condensate Drain & Waste Line Cleaners

Nu-Line A/C Condensate Drain Cleaner

- Removes slime build-up and keeps drain lines open
- Use every three months



Part #	Mfg #	Size
CHM00775	97685	8 oz
CHM00776	97690	32 oz

Mighty Pump™ A/C Condensate Drain Cleaner

- Lightweight, reversible, hand-operated pump
- Clear blocked lines from inside or outside a home
- Flexible inlet and outlet hoses connect to standard condensate drain lines
- (2) Spring check valves for 2-way flow without backflow



Part #	Mfg #	Description
PMP01924	97795	Mighty Pump



Condensate Pan Strips

- Reduces foul odors
- Water activated, time released material contains growth of mold, algae, and other microorganisms



Part #	Mfg #	Size
CHM00154	CS-50	4" x .75" x .25"

Condensate Pan Treatment

IAQ Assurance Program

Gel Tabs Drain Pan Treatment

- Protects drain pan against clogs
- Gel formulation locks tab into place
- Completely dissolves
- Up to 3 month of protection
- Eliminates foul and musty odors



Part #	Mfg #	Description
CHM00749	4185-03	Treats up to 3 Tons
CHM00750	4185-05	Treats up to 5 Tons
CHM00751	4185-15	Treats up to 15 Tons
CHM00752	4185-20	Treats up to 20 Tons

Pan-Treat™ Condensate Pan Tablets

- Effective in treating build-up of sludge, scum, and other condensate pan accumulations
- Safe, non-corrosive, non-toxic and biodegradable
- Completely soluble in water and does not form any deposits



Part #	Mfg #	Description
CHM00469	429660	200 Tablets

PanPads®

- Eliminates build-up of bacteria and slime growth in air conditioning and refrigeration condensate drain pans



4295-34



4296-45



4295-36



4296-24

Part #	Mfg #	Description
CHM00464	4295-34	"5" Size - For up to 5 Tons
CHM00465	4296-24	"15" Size - For up to 15 Tons
CHM00711	4295-36	"5 Slim" Size - For up to 5 Tons
CHM00466	4296-45	"45" Size - For up to 45 Tons

Chemicals



Kill, Clean & Control Mold

For the HVAC Contractor: Deliver Peace of Mind and Long Term Protection.

- EPA certified for use in HVAC systems
- Can be used while buildings are inhabited
- Complete IAQ system to kill, clean and control mold



CHEM01049



CHEM01034

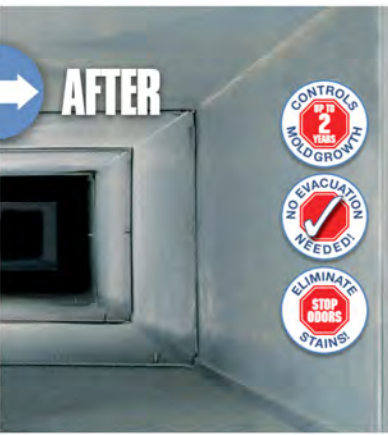


CHEM01055

BEFORE



AFTER







Degreasers

Degreasers

Degreasing Solvent ef



- Ozone-safe, environmentally friendly
- Volatile solvent
- Provides effective degreasing and cleaning as well as controlled drying with no residue
- Dielectric strength in excess of 26,000V



Part #	Mfg #	Description
SOV00046	4162-07	1 gal Can

Degreasing Solvent-LV



- Removes grease and oil
- Blasts away deposits
- No chlorinated or fluorinated solvents
- Contains no lead, phosphorous or silicone
- Meets or exceeds California VOC limits



Part #	Mfg #	Description
SOV00058	4162-17	1 gal Can

E-SOLV Degreasing Solvent



- Controlled evaporation
- Cleans electric motors, machined parts, coils, switches, breakers, and other components
- Safer alternative to chlorinated solvents

Part #	Size	Qty
CHM00512	1 gal	6

Rydall Multi-Purpose Degreaser/Cleaner



- Biodegradable, medium-duty for industrial and commercial facilities and households
- Water-soluble, mineral oil-free, alkaline solution
- Non-acidic, non-flammable

RYMP4GAL

Part #	Mfg #	Description
CHM00840	RYMP24SP	24 oz Spray Bottle RAY
CHM00786	RYMP4GAL	4 Gallon/Case
CHM00787	RYMP5GAL	5 Gallon Pail

Chemicals

Get the Most from www.comfortsite.com



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- Online
- Your time
- Any time

Call your local Trane parts store for more information!

Ice Machine Cleaners

Water Filtration Maintenance

Nickel-Safe Ice Machine Cleaner

- For removing scale deposits on nickel-plated or tin-plated evaporators
- USDA Approved



Part #	Mfg #	Size
CHM00390	4287-34	16 oz
CHM00391	4287-08	1 gal

Ice Guard® AP

- Inhibits growth of a wide variety of slime forming bacteria and algae found in ice machines
- One unit can protect up to a 1200 lb ice maker for 3-6 months
- A drop-in device that is placed directly into the recirculating water sump



Part #	Mfg #	Description
CHM00473	4209-06	Ice Guard® Drop-In

Ice Machine Cleaners

- Removes slime and scale buildup
- Fast acting, non-foaming
- Nickel safe
- All food-grade ingredients



Part #	Mfg #	Size	Qty
CHM00244		8 oz	24
CHM00253	SC 30	1 gal	4

IMS-II Sanitizing Concentrate

- Sanitizes hard, non-porous surfaces to eliminate odors and slime
- No rinsing required
- For general use in ice machines, ice cream dispensers and other food processing equipment
- USDA Approved



Part #	Mfg #	Size
CHM00379	4211-34	16 oz

Liquid Ice Machine Cleaner

- Fast acting and safe to use
- Made from food-grade phosphoric acid
- USDA Approved



Part #	Mfg #	Size
CHM00377	4207-47	8 oz
CHM00378	4207-08	1 gal

Chemicals

Cleaning an ice machine is the perfect time to address water quality and filtration. We offer a full line of Nu-Plus water filtration products by Everpure from Nu-Calgon. Be sure to check out our Water Filtration section for your water filtration needs.

Leak Detection

Gas Leak Detectors

Cal-Blue® LT Gas Leak Detector

- High viscosity formulation enhances contact time
- Will not effect ultraviolet (black) lights
- Non-corrosive
- Oxygen-safe
- Freeze-protected to -20°F



4183-24

Part #	Mfg #	Description
CHM00363	4183-24	1 qt Spray
CHM00364	4183-08	1 gal

Cal-Blue® Plus Gas Leak Detector

- Complete, detects smallest leak
- High viscosity liquid stays in contact with applied surface for extended time
- Non-corrosive and will not effect ultraviolet lights
- Freeze protected to 5°F
- USDA Approved



4182-53 4182-24 4182-08

Part #	Mfg #	Description
CHM00360	4182-53	6 oz with Dauber
CHM00361	4182-24	1 qt Spray
CHM00362	4182-08	1 gal

Fluorescent Gas Leak Detector

- Fluorescent formulation for improved visibility and long lasting bubbles
- Use for most refrigerants, natural gas and oxygen systems
- Non-corrosive to metals
- Freeze protected to 0°F
- USDA Approved



4184-24 4184-08

Part #	Mfg #	Description
CHM00365	4184-24	1 qt Spray
CHM00366	4184-08	1 gal

Gas Leak Detector

- High viscosity liquid forms bubbles when daubed on gas leak
- Non-corrosive, non-staining and harmless to skin
- Freeze point well below 0°F
- USDA Approved



Part #	Mfg #	Description
CHM00358	4180-53	6 oz with Dauber

Leak Seek Leak Detector

- Pinpoints tiny leaks in pressurized gas systems
- Sprayable, tacky, blue liquid, clings to vertical surfaces and the underside of pipes
- Non-corrosive, non-clogging



CHM00150 CHM00149

Part #	Mfg #	Size
CHM00149	SB-32	1 qt
CHM00150	SB-01	1 gal

Rectorseek™ Low-Temp Leak Locator

- Red color
- From -35° to 200°F



Part #	Mfg #	Description
CHM00284	61554	1 pt Dauber Top
CHM00285	61434	1 qt Refillable Trigger Sprayer

Leak Detectors

Bubble Up Leak Detector

- Bubbles indicate leaks
- High viscosity, clings to surfaces
- Dauber-type applicator included in bottle



Part #	Mfg #	Size
CHM00132	B-24	8 oz

Leak Detection

High Viscosity Leak Detector

- Clings to all surfaces
- Dauber-type
- Fluorescent
- Freeze-proof to 0°F



Part #	Size	Qty
CHM00245	8 oz	24

Leak Reactant

- Clings to vertical surfaces
- For detecting all types of leaks
- Maximum bubble action and longevity
- Convenient spray for hard to reach areas



CHM00276



CHM00277

Part #	Mfg#	Size	Qty
CHM00276	CHM00276	1 qt	12
CHM00277	CHM00277	1 gal	4

Keep your equipment running with Your One Stop Compressor Shop!
Thousands of Trane and wholesale compressors available to meet your equipment needs.



YOUR ONE STOP COMPRESSOR SHOP!

- Wide variety of compressors: Trane, Copeland, Tecumseh, Danfoss, Bristol, and more
- Huge cast iron compressor inventory, nationwide stocking locations, at a competitive price!
 - Trane, Copeland, Carrier, Carlyle, and York remanufactured compressors available

Rectorseal

Chemicals



ACID-AWAY®

COMPRESSOR OIL ACID NEUTRALIZER

THE RIGHT FORMULA TO ELIMINATE ACID





More than 2,000,000 doses ZERO complaints!

Don't Forget to Try Our Acid Away® For Polyol Ester Refrigeration Oils!

- Reduces Call-Backs for Damage to New Compressors from Residual Acid
- For Use After a Compressor Burnout or for Preventive Maintenance
- Safe for System Components, Compressor Oil and Refrigerant
- Tested to ASHRAE Standards 86-1983 and 97-1989
- Extensively Field Tested



Scan for more info



Know the Difference

"Universal" 3-wire hard start devices can damage a compressor if the relay is not properly matched to it

It is impossible to properly match all compressors with a "Universal" 3-wire hard start device using only 3 relays when dozens of combinations of start capacitors and relays are required

Kickstart® uses universal voltage through the run capacitor common to all compressors. Because of this unique approach, only 2 relays are needed for all 1-5 ton systems

Kickstart® is the only hard start device that has been TESTED, APPROVED and RECOMMENDED by original equipment manufacturers



Kickstart®

DON'T BE FOOLED BY SUBSTITUTES



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Refrigeration Oil & Vacuum Pump Oil

Compressor Oil Related Products

Acid-Away®

- Compressor burnout acid neutralizer
- For systems that operate on alkylbenzene and mineral oil



Part #	Mfg #	Description
CHM00280	45004	4 oz

Acid-Away® POE

- Compressor burnout acid neutralizer
- For systems that operate on polyolester oil



Part #	Mfg #	Description
CHM00167	45009	4 oz

Acid Detector™ POE Test Kit

- Detects polyol ester type refrigeration oils without lab analysis
- For use with refrigeration and air conditioning systems



Part #	Mfg #	Description
KIT06754	45006	Acid Detector Kit

A/C Re-New Refrigeration and Vacuum Pump Oil

- Quiets noisy compressors
- Reduces energy consumption
- Improves heat transfer



Part #	Mfg #	Description
CHM00832	4057-50	Pressurized Can
CHM00834	4057-55	4 oz

Rx-Acid Scavenger®



- Neutralizes or "scavenges" acid in refrigeration, air conditioning systems
- Use after burnouts or normal maintenance
- Normal dosage is 2 fl oz/gallon of system oil



Part #	Mfg #	Description
CHM00413	4301-02	2 oz Liquid, Boxed
CHM00995	4301-05	Pressurized Can

Oil Test Kits

Phase III® Refrigeration Oil Test Kit

- For use on POE's, minerals oils, and alkylbenzene
- Tests acid level in refrigeration oil



Part #	Mfg #	Description
CHM00414	4320-W8	Phase III Oil Test Kit

Refrigeration Oil

C-3s, C-4s, C-5s Mineral Refrigeration Oil

- Mineral naphthenic lubricants
- Designed for today's high performance A/C and refrigeration compressors
- Better lubrication for modern compressors which run at higher speed and generate higher temperatures



Part #	Mfg #	Size	Viscosity	Cal-Lube
OIL00108	4303-07	1 gal	150 SUS	C-3
OIL00111	4304-07	1 gal	300 SUS	C-4
OIL00114	4305-07	1 gal	500 SUS	C-5

Mineral Refrigeration Lubricant

- Viscosity 150 SUS (ISO VG 32) replaces 3GS
- Viscosity 300 SUS *(ISO VG 68) replaces 4GS
- For use with CFC and HCFC refrigerants
- Refined from select naphthenic base oils
- Wax free and oem approved
- Highest quality available and long-term, trouble-free service
- Low temperature properties
- (6) Containers per package



Part #	Mfg #	Size	Viscosity
OIL00057	H-2301	1 gal	150
OIL00058	H-2401	1 gal	300

Refrigeration Oil & Vacuum Pump Oil

Uniqema Emkarate® RL Lubricant

- Polyol ester refrigeration oil
- For use with HFC refrigerants
- Fully miscible and compatible with mineral oils and alkylbenzene lubricants as well as with CFC's, HCFC's and HFC's



Part #	Mfg #	Size	Viscosity	Emkarate RL
OIL00182	4313-46	1 gal	100 SUS	22H
OIL00194	4314-64	1 qt	150 SUS	32-3MAF
OIL00196	4314-66	1 gal	150 SUS	32-3MAF
OIL00152	4315-46	1 gal	200 SUS	46H
OIL00188	4316-46	1 gal	300 SUS	68H
OIL00197	4316-45	5 gal	300 SUS	68H
OIL00177	4316-76	1 gal	300 SUS	68HP

Zerol® Alkylbenzene Refrigeration Oil

- High quality, synthetic alkylbenzene refrigeration oil
- Recommended for use in all refrigeration and AC applications using CFC and HCFC refrigerants
- Excellent clean-up/flushing oil



Part #	Mfg #	Size	Viscosity	Zerol
OIL00119	4310-07	1 gal	150 SUS	150
OIL00116	4308-07	1 gal	200 SUS	200TD
OIL00122	4311-07	1 gal	300 SUS	300
OIL00123	4311-05	5 gal	300 SUS	300

Refrigeration Oil Pumps

CanVerter® Oil Pump

- Hand-held
- Used to remove or add oil to hermetic compressors
- Each stroke pumps 1 oz of oil



Part #	Mfg #	Description
PMP01624	4814-0	CanVerter® Oil Pump

Refrigeration Oil Pump

- Designed for HVAC-R systems
- Oil can be pumped at a rate of 3 oz per stroke



Part #	Mfg #	Description
PMP00663	14388	Siphon Kit with Cap and Seal Assembly and Siphon Hose

Vacuum Pump Oil

Cal-Vac™ Vacuum Pump Oil

- High-grade 200 SUS viscosity lubricant
- Very low vapor pressure



Part #	Mfg #	Size
OIL00137	4383-34	1 pt
OIL00138	4383-24	1 qt
OIL00139	4383-07	1 gal

Premium High Vacuum Pump Oil

- Thermally stable
- Lower moisture content



Part #	Mfg #	Size
OIL00046	13119	16 oz
OIL00096	13203	1 qt
OIL00097	13204	1 gal

SuperEvac™ Vacuum Pump Oil

- Refined and formulated for extremely low vapor pressure and high pump efficiency at all temperatures



Part #	Mfg #	Size	Pkg Qty
OIL00067	93091	1 pt	24
OIL00068	93092	1 qt	12
OIL00302	93096	1 gal	6

Did you know we have a full offering of vacuum pumps available? Consult your local Parts Distributor for our full offering.

Sealing, Threadlocking & Gasketing

Cleaners & Primers

Clear™ PR-2L Primer

- Low VOC
- Hi-etch primer for use on PVC and CPVC pipe, tubing, and socket-type fittings
- Clear color
- LEED Compliant
- NSF Approved & UPC listed



Part #	Mfg #	Description
CHM00599	55972	1 pt Dauber Top

Sam™ CL-3L PVC Cleaner

- Low VOC cleaner
- For use on all PVC, CPVC, and ABS pipe, tubing, and socket-type fittings
- Safe for use on potable water systems
- Acts as a cleaner by dissolving grease and dirt and helping prepare the bonding surfaces for solvent cementing
- LEED Compliant



Part #	Mfg #	Description
SOV00038	55930	1/2 pt Dauber Top
SOV00039	55932	1 pt Dauber Top
CHM00598	55934	1 qt Dauber Top

Insulation Products

Insulation Sealing Cord

- Non-staining
- Water-resistant and dust-resistant



Part #	Mfg #	Description
CHM00380	4216-27	3/8" x 25' Roll

Thumb-Tite™

- For use in sealing, insulation, and general maintenance applications
- Non-staining, non-hardening and unaffected by wide variations in temperature; an excellent thumbing grade



Part #	Mfg #	Description
CHM00382	4216-92	2 lb Box

Pipe Thread Sealants

RectorSeal® No. 5® Pipe Thread Sealant

- Yellow color
- Multipurpose, soft-set



Part #	Mfg #	Description
SLT00064	25790	1-3/4 oz Tube
SLT00047	25431	1 pt Brush Top

RectorSeal® T Plus 2® Pipe Thread Sealant

- White color
- Non-setting, multipurpose compound
- Contains PTFE, plus synthetic fibers to create a stronger seal



Part #	Mfg #	Description
SLT00067	23710	1-3/4 oz Tube
SLT00068	23631	1/4 pt Brush Top
SLT00123	23551	1/2 pt Brush Top

RectorSeal® Tru-Blu™ Pipe Thread Sealant

- Blue color
- Contains PTFE for high vibration environments



Part #	Mfg #	Description
SLT00069	31780	1-3/4 oz Tube
SLT00070	31631	1/4 pt Brush Top
SLT00071	31551	1/2 pt Brush Top

Solvent Cement

Gene™ 404L Solvent Cement

- Clear color
- Regular body
- Low VOC PVC solvent cement
- Use for joining PVC pipe and socket-type fittings, and ABS to PVC transition pipe and socket-type fittings
- LEED Compliant, NSF approved & UPC listed



Part #	Mfg #	Description
SLT00076	55901	1/4 pt Dauber Top
SLT00077	55902	1/2 pt Dauber Top
SLT00078	55904	1 pt Dauber Top

Sealing, Threadlocking & Gasketing

Hot™ 203L Solvent Cement

- Blue color
- Medium body, very fast set
- For use on rigid PVC and flexible PVC pipe
- LEED Compliant
- NSF Approved & IAMPO listed

RECTORSEAL



Part #	Mfg #	Description
SOV00049	55990	1 pt Dauber Top

Pete™ 602L Solvent Cement

- Clear color
- Regular body, fast set
- Use on PVC and transition joints

RECTORSEAL



Part #	Mfg #	Description
CHM00594	55928	1 qt Dauber Top

Specialty Products



Quick Seal™ Pipe Repair

- Knitted fiberglass impregnated tape
- Can be used on both cold or hot water
- Safe for potable water
- UL Listed, ANSI/NSF Standard 61



Part #	Mfg #	Description
CHM00407	4299-10	2" x 3' Wrap
CHM00408	4299-11	4" x 12' Wrap

Assembly Products - Bonding

404™ Quick Set™ Instant Adhesive

- Will bond with metal, plastic, and rubber
- Set-up 20-40 seconds, full strength 24 hours

LOCTITE



Part #	Mfg #	Description
ADH00031	46551	1/3 oz Bottle

409™ Super Bonder® Instant Adhesive

- General purpose cyanoacrylate adhesive gel
- Gel consistency prevents adhesive flow even on vertical surfaces
- Industrial grade

LOCTITE



40904

Part #	Mfg #	Description
ADH00024	40904	3gm Tube
ADH00023	40945	20gm Tube

Assembly Products - Gasketing

515 Gasket Eliminator® Flange Sealant

- Flexible, gasketing material
- Can be used on rigid machined flanges with less than 0.015" gap
- Eliminates preformed, pre-cut, paper, rubber and cork gaskets

LOCTITE



51580



51531

Part #	Mfg #	Description
SEL00922	51531	50mL Tube
SEL00376	51580	300mL Cartridge

Loctite® 510™ Flange Sealant

- Withstands temperatures up to 400°F
- Fills gaps up to 0.010"
- Maintains clamping loads for strong, leakproof assemblies
- Makes or dresses gaskets in rigid assemblies
- Eliminates gasket compression set



LOCTITE

Part #	Mfg #	Description
SEL00936	51041	250mL Tube

Loctite® Quickstix™ 534™ Hi-Tack Gasket Dressing

- Seals and bonds rubber, cork, paper, felt, and metal gaskets
- Ideal for use in applications requiring oil resistance
- Allows a precut gasket to be positioned holding it in place for assembly
- Holds aggressively yet still allows for repositioning of cut gasket
- Seals up to 300°F

LOCTITE



Part #	Mfg #	Description
SEL00941	39156	19gm Stick

Sealants, Threadlocking & Gasketing

Loctite® QuickStix™ 548™ Gasket Eliminator

- Semi-solid formula for on-the-spot repairs
- Quick application
- For use on a variety of metal surfaces including aluminum to form a flexible solvent resistant seal
- Seals to 300°F
- Fills gaps to 0.010"



Part #	Mfg #	Description
SEL00939	39152	18gm Stick

Assembly Products - Threadlockers

242® Medium Strength Threadlocker

- General purpose, removable threadlocker for fasteners between 1/4" and 3/4" diameters
- Controlled lubricity for accurate clamp loads
- MIL-SPEC S-46163A Type II, Grade N; NSF/ANSI 61



Part #	Mfg #	Description
SEL00490	24221	10mL Bottle

248™ Medium Strength Semi-Solid Stick Threadlocker

- For 1/4" to 3/4" bolts, overhead, pre-dispensed and hard-to-reach areas



Part #	Mfg #	Description
SLT00110	37684	9gm Stick
SLT00131	37087	19gm Stick

262 Medium to High Strength Threadlocker

- Permanent threadlocker for fasteners up to 3/4" diameter
- High lubrication
- Prevents rust and corrosion in extreme chemical/environmental conditions
- MIL-SPEC S-46163A Type II, Grade O; AGRICULTURE Canada



Part #	Mfg #	Description
SEL00954	26221	10mL Bottle

268™ High Strength Semi-Solid Stick Threadlocker

- For use on bolts up to 3/4", overhead, pre-dispensed and hard-to-reach areas



Part #	Mfg #	Description
SLT00112	37685	9gm
SLT00113	37686	19gm

271™ High Strength Threadlocker

- For fasteners up to 1" diameter



Part #	Mfg #	Description
SLT00045	27121	10mL Bottle
SLT00046	27131	50mL Bottle

277™ High Strength Threadlocker

- For large bolts



Part #	Mfg #	Description
SLT00038	27731	50mL Bottle
SLT00037	21434	10mL Bottle

290 Wicking Grade Threadlocker

- Medium strength for pre-assembled bolts up to 1/2"
- Penetrates threads by capillary action
- Secures set screw and other assemblies after settings are completed
- MIL-SPEC S-46163A Type III, Grade R; NSF/ANSI 61



Part #	Mfg #	Description
SEL00933	29021	10mL Bottle



Sealants, Threadlocking & Gasketing

MRO Products - Anti-Seize

C5-A® Copper Based Anti-Seize **LOCTITE**

- Suspends copper and graphite in grease
- Protects metal parts from rust, corrosion, galling, and seizing at temperatures to 1800°F
- Tested to MIL-PRF-907-E



Part #	Mfg #	Description
LUB00058	37229	20gm Stick

Loctite® QuickStix™ Silver Grade Anti-Seize

- Patented semi-solid formula
- Protects metal parts in high heat environments up to 1600°F
- Prevents rust, corrosion, seizing and eases disassembly
- Reduces friction and wear

LOCTITE



Part #	Mfg #	Description
LUB00059	37230	120gm Stick

Loctite® Silver Grade Anti-Seize

- Temperature resistance: 1600°F
- Silver

LOCTITE

Part #	Mfg #	Description
LUB00007	76732	8 oz Brush-Top Can

MRO Products - Cleaners

ODC-Free Cleaner & Degreaser 7070 (Naphtha)

- Non-aqueous, hydrocarbon-based solvent
- Designed for cleaning and degreasing surfaces to be bonded with adhesives and general purpose industrial cleaning
- Safe on aluminum, rubber and most plastics
- Contains no ozone-depleting compounds



LOCTITE

Part #	Mfg #	Description
SOV00006	20162	16 oz Pump Spray

MRO Products - Gasketing & Sealing

Superflex™ Silicone Adhesive Sealants

- General purpose, one-part silicone adhesive cures at room temperature to form a tough rubber seal
- Coats pre-cut gaskets to increase reliability
- Formulated to withstand extreme temperature cycling, UV light, and ozone
- Cannot be painted
- Will not slump in overhead or vertical applications



LOCTITE

Part #	Mfg #	Description
SLT00057	59575	300mL Cartridge, Clear

MRO Products - Lubricants

Silicone Lubricant

- Multi-purpose aerosol
- Stops sticking, friction, squeaking, and binding of moving parts
- Non-gumming
- Will not mar paint, rubber or plastic surfaces
- Waterproofs and electrically insulates

LOCTITE

Part #	Mfg #	Description
LUB00064	51360	5.3 oz Tube

MRO Products - Thread Sealing

554™ Refrigerant Sealant, Thread Sealant

- Excellent solvent resistance on threaded fittings and pipes up to 3" diameter
- Recommended for refrigeration systems and service with aggressive chemicals



LOCTITE

Part #	Mfg #	Description
SEL01003	25882	10mL Bottle

565 PST® Controlled Strength Thread Sealant

- General purpose instant sealant
- For tapered and straight/tapered fittings
- Controlled strength for ease of disassembly



56507

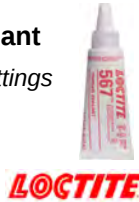
LOCTITE

Part #	Mfg #	Description
SLT00042	56507	6mL Tube
SEL00488	56531	50mL Tube

Sealants, Threadlocking & Gasketing

567 PST® High Temperature Thread Sealant

- Locks and seals tapered pipe threads and fittings including high pressure applications
- Withstands temperatures to 400°F



Part #	Mfg #	Description
SEL00880	56747	50mL Tube

SilaTech™ 100% Silicone Sealant

- Industrial grade
- Non-flammable, non-toxic
- Ideal for filling large cracks and seams
- Provides tough, flexible waterproof and oil resistant seal



Part #	Mfg #	Description
SLT00060	32392	Aluminum
SLT00048	32394	Hi-Temp Red

Epoxy Putty

EP-200 Epoxy Putty

- Two-in-one epoxy putty stick



Part #	Mfg #	Description
SLT00132	97600	2 oz Stick

Firestopping Products

Metacaulk® 950

- Cream color
- General purpose, inorganic



Part #	Mfg #	Description
SLT00119	66643	10.3 oz Cartridge

Metacaulk® 1000

- Water-based, highly intumescent, single-component, fire-rated general purpose sealant for through-penetrations
- For use on construction joints, both vertical and horizontal surfaces and interior use



Part #	Mfg #	Description
SLT00072	66640	10.3 oz Cartridge

Furnace Cement

Pyroseal™

- Non-asbestos
- For high temperature sealing and bonding
- Dual purpose retort and furnace cement



Part #	Mfg #	Size
SLT00073	68616	6 lbs

System Protection

A/C System Flush

Pro-Flush™ HVAC Flushing Solvent

- HVAC/R Flushing solvent for R-410A retrofits, refrigerant conversions and retrofits
- Low toxicity
- Non-flammable
- Residue-free
- Kit includes:
 - 16 oz Container of Pro-Flush™ solvent
 - Refillable Pro-Flush™ injector tool pressure tank
 - Pressure relief valve for added safety
 - Large rubber adapter that flushed up to 1-1/2" line sets
 - Service hose



Turbo-Kleen™ A/C System Flush

- Removes oil, sludge, carbon and other deposits from A/C line sets
- Chemically and mechanically cleans
- Stays active during entire cleaning process
- Kit includes:
 - Injector nozzle and canister
 - Flushing tool
 - Clear plastic connecting line
 - 1 Pint chemical solution



RECTORSEAL

Part #	Mfg #	Description
CHM00835	82500	Turbo-Kleen™ Kit
CHM00836	82400	(1) Pint Chemical Solution

Part #	Mfg #	Description
KIT15321	PF KIT	Power Flush Kit
SOV00059	PF-16	16 oz Refill

Chemicals

Flush away your problems!

Pro-Flush™ answers your need for a professional quality flushing solvent with the components to match.

DIVERSITECH
www.diversitech.com

- Formulated for R-410A retrofits, refrigerant conversions and compressor burnouts
- Low toxicity and residue free
- Lower cost solution than competitive pre-charged kits
- Better delivery system



Kit includes reusable tank with a pressure relief valve for added safety, a hose, and an injector trigger nozzle.

System Protection

Total System Protection

Rx11-Flush®

- Ozone-safe solvent for flushing refrigeration and air conditioning systems/line sets
- Rinses away particulate, sludge, carbon residues, acids, oils and water



Part #	Mfg #	Description
CHM00826	4300-08	Rx11-flush Starter Kit
CHM00510	4300-09	1 lb Canister
CHM00410	4300-11	2 lb Canister
CHM00409	4300-10	Start-Up Pack 2+1
CHM00411	4300-15	13 lb Canister
CHM00858	4300-26	26 lb Cylinder
CHM00997	4300-30	19.5 oz Can
TOL02895	4300-50	Flushing Tool
TOL03326	4300-51	Rx11 Flush Gun
HSE01611	4300-52	Rx11 Flush Hose
TOL03481	4300-89	Injection Valve

A/C EasyDry



- Eliminates moisture in system
- Treats up to 5 ton systems
- Compatible with all oils and refrigerants
- Prevents acid from forming
- Compliments the system's drier



Part #	Mfg #	Description
CHM00815	4051-06	3 oz Pressurized Can
HSE01610	4051-99	Reusable A/C Piercing Valve and Hose

A/C EasySeal



- Prevents refrigerant leaks and seals existing leaks in air conditioning and refrigeration systems
- Eliminates expensive leak search and repair
- Travels with refrigerant to find leaks fast



Part #	Mfg #	Description
CHM00825	4050-01	1.25 oz Pressurized Can
CHM00813	4050-02	Display Pack (2) A/C Easy Seal, (1) Piercing Valve & Hose
CHM00814	4050-06	3 oz Pressurized Can

IAQ Assurance Program

Bio-Fresh® cd

- Kills bacteria, mold, mildew, fungi and yeasts in IAQ applications
- Safe for fogging and may be applied to occupied space
- Formulated for use in air conditioning ventilating systems and ductwork
- Can be applied by spraying, brushing, sponging or fogging



Part #	Mfg #	Description
CHM00335	4126-34	1 qt Spray
CHM00336	4126-38	1 gal

Indoor Air Quality

Neutronic™ Odor Neutralizer

- Neutralizes malodors caused by mold, smoke, and pets
- Use in air ducts or anywhere foul odors are present
- Long lasting for 3 - 5 months



Part #	Mfg #	Description
CHM00179	H-NT08	8 oz Gel
CHM00821	H-NS16	16 oz Spray
CHM00726	H-NCIT08	1/2 lb Citrus Gel
CHM00181	H-NT03	3 lb Gel

Chemicals

Sprayers & Hoses

Sprayers

Chapin Heavy-Duty Pump

- Heavy-duty, poly construction
- Adjustable spray nozzle
- All gaskets and seals made from Viton™ for maximum chemical resistance
- Built-in pressure relief valve and pressure gauge

Hydro
Balance



Part #	Mfg #	Description
CHM00151	H-SP01	1 gal Sprayer
CHM00152	H-SP02	2 gal Sprayer

Coil Gun®

- Quick-disconnect feature
- Foam wand to enhance foaming
- 5 Mix ratio settings, hose-end sprayer

Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
DST00857	4774-0	2 qt Capacity

Multi-Purpose Sprayer

- For small cleaning jobs, such as window units and water coolers

Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
DST00851	4768-W3	24 oz Sprayer

No. 50P Poly Sprayer

- Nozzle is adjustable and flow rate controlled by a thumb lever
- Includes 7" polyethylene pump
- Constructed of high-density translucent polyethylene

Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
DST00852	4770-0	1/2 gal Capacity Sprayer

No. 100P Cal-Shield Poly Sprayer

- Funnel top for chemical pouring
- Comes with a 8" polyethylene pump, brass handle and extension tube with adjustable nozzle, wear resistant hose and pressure relief valve
- Recommend dedicate to Cal-Shield applications
- Constructed of high-density translucent polyethylene

Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
DST00853	4770-2	1 gal Sprayer

No. 200P Poly Sprayer

- Funnel top for easy chemical pouring
- Pressurize with water through a quick disconnect fitting or by pumping
- All-brass hardware
- Constructed of high-density translucent polyethylene

Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
DST00854	4771-2	2 gal Capacity Sprayer

No. 220CP Poly Sprayer

- Funnel top for easy chemical pouring
- Includes 8" pump, high resin plastic adjustable nozzle with 3' hose
- Constructed of high-density translucent polyethylene

Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
DST00855	4771-3	2 gal Capacity Sprayer

No. 300P Poly Sprayer

- Funnel top for easy chemical pouring
- 10" Celcon pump, brass extension tube with adjustable nozzle and 5' vinyl hose included
- Constructed of high-density translucent polyethylene

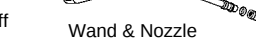
Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
DST00856	4772-0	3-1/2 gal Capacity Sprayer

Sprayer Parts

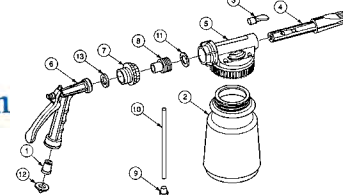
Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
HDL00964	2CP04	Hose & Shut-off for 4771-3 & 4772-1
TOL03000	30P05A	Brass Extension Wand & Nozzle for 4772-0
TOL02143	PG09A	Nozzle for 4774-00

Coil Gun Part

Nu-Calgon
Wholesaler, Inc.



Part #	Mfg #	Description
VAL08028	PG01	Pistol Grip Shut-off Valve (#6,1,12)
TOL02143	PG09A	Foam Wand (#4)
CPL01035	PG14	Female Quick Coupler (#7)

Water & Scale Treatment

Plumbing Products & Water Test Kits

Bacteria Test Kit



- Contains (10) test paddles that can be used to test for and quantify bacterial growth potential in open recirculating cooling water systems

Part #	Mfg #	Description
KIT08265	Y141-0	Bacteria Test Kit

Calci-Solve Descaler/Drain Cleaner



- Removes scale from lines and clears clogged drains
- Includes a special inhibitor that coats the inside of pipes with a protective film

Part #	Mfg #	Size
CHM00339	4134-08	1 gal

Cooling & Boiler Water Test Kit



- Tests pH, Total (M) alkalinity, hardness, chlorides, nitrite (can), sulfite and OH & P Alkalinity

Part #	Mfg #	Description
KIT08264	W017-0	Complete Test Kit

Eco-Lyme Simple Treat Water Treatment



- For de-scaling cooling towers and evaporative condensers

Part #	Mfg #	Description
CHM01003	4167-05	5 gal pail

pH-TREAT™ pH Neutralizer



- Neutralize condensate water raising pH to near neutral
- Includes:
 - (1) C-Clip for mounting
 - (2) 1/2" Barb x 3/8" MPT fittings
 - (2) 3/4" FPT x 3/8" MPT fittings
- Designed for gravity feed
- Product life is expected to have 1-year service life
- Temperature range: 40° to 100°F
- Pressure range: 0 to 125 psi

Part #	Mfg #	Description
CHM00842	4720-06	2.5" x 12" Cartridge Housing w/ 3/8" FPT

UrinaKleen Acid-Based Bowl Cleaner



4590-08

- Attacks primary source of odors
- Dissolves urinary salts, mineral scale and rust deposits
- Keeps urinals free flowing

Part #	Mfg #	Size
CHM00777	4590-24	1 qt
CHM00778	4590-08	1 gal

Pumping Systems

PumpMaster 115V Magnetic Twin-Bearing Pump System

- 3/4" Seal-less for use with Rydlyme chemicals
- Pump design: equipped with a totally enclosed, non-ventilated, permanent magnetic centrifugal motor
- Flow rate: 4.5 gpm
- Includes:
 - (2) 10" Mesh hoses
 - 3/4" Tru-union supply valve
 - 3/4" Tru-union return valve
 - 20' Power supply cord
 - Robust, 8 gallon plastic base
 - 3/4" Bulkhead fittings



Part #	Mfg #	Description
PMP01802	PM115	Magnetic Twin-Bearing Centrifugal Pump System

Magnetic Drive Pump - Complete

- Includes:
 - Model 10MDO magnetic drive pump
 - (3) 10' Hoses (1" diameter)
 - Bulkhead fittings
 - 14 Gallon recirculating bucket



Part #	Mfg #	Description
PMP01688	10MDC	Magnetic Drive Pump System

No. 31-TX Acid Pump



- For circulating strong acids and cleaning solutions

Part #	Mfg #	Description
PMP01622	4603-0	Acid Pump

Chemicals

Water & Scale Treatment

Chemicals



DISSOLVE WATER SCALE, LIME SCALE, MUD & RUST!

- **BIODEGRADABLE!**
- **FAST - CLEAN IN PLACE!**
- **SAFE!**
- **NON-HAZARDOUS!**
- **NON-CORROSIVE!**

DON'T FORGET TO PICK UP OUR BIODEGRADABLE
COIL CLEANER & DEGREASER!

RYDALL CC
BIODEGRADABLE Coil Cleaner

- **USE INDOORS AND OUTDOORS!**
- **SAFE ON METAL AND RUBBER!**

RYDALL MP
BIODEGRADABLE Multi Purpose Degreaser

- **REMOVES GREASE, DIRT & MORE!**
- **SAFE TO USE. NO GREASY FILM!**



Safe Chemical Solutions Since 1942
www.apexengineeringproducts.com

Water & Scale Treatment

Scale Removal/Descaling

Descaler with pH Indicator

- Hydrochloric acid base with pH indicator for descaling water cooled condensers



Part #	Mfg #	Size	Qty
CHM00250	CHM00250	1 gal	4

Liquid Scale Dissolver



- Water-cooled equipment scale remover
- Hydrochloric (muriatic) acid with low foaming corrosion inhibitors
- Built-in pH color indicator
- pH Test paper included



Part #	Mfg #	Description
CHM00415	4330-08	1 gal
CHM00416	4330-05	5 gal Pail

Rydlyme Descaling Solvent

- Non-hazardous, non-flammable, non-injurious, non-toxic, biodegradable solvent
- Heavily fortified with wetting and penetrating agent
- Dissolves water scale, lime, mud, rust & other deposits from water operated equipment



Part #	Mfg #	Description
CHM00544	RYD04	1 Gallon Bottle
CHM00545	RYD05	5 Gallon Jug
CHM00546	RYD30P	30 Gallon Drum
CHM00547	RYD55P	55 Gallon Drum
CHM00548	RYD330M	330 Gallon Tote

Scale Remover

- Eliminates scale from cooling towers, pipes, and condensers
- Reduces head pressure
- Increases system capacity
- Reduces consumption



Part #	Mfg #	Size
CHM00249	SX5	1 gal

Season Start® "Imperial Grade" Scale Remover

- Powdered sulfamic acid formulation that contains the best inhibitors available for protecting all metals including galvanizing
- Contains a built-in pH color indicator as well as wetting and antifoaming agents
- USDA Approved



4360-88

Part #	Mfg #	Description
CHM00420	4360-84	50 lb Pail
CHM00421	4360-88	10 lb Container

Water Treatment

Cal-Treat® 233 Water Treatment

- Control corrosion in evaporator condensers and cooling tower systems
- Provides superior corrosion control and inhibits scale deposition
- Most effective corrosion inhibitor known for cooling water systems
- Easy-to-use and feed into equipment



Part #	Mfg #	Description
CHM00350	4149-05	5 gal Pail

Conductivity Meter



- Built-in cell and automatic temperature compensation
- Easy to read analog meter (in microhos) and dual point calibration



Part #	Mfg #	Description
MTR00895	4812-0	Handheld Conductivity Meter

Evap Treat™

- Prevents scale and corrosion
- Increases pad life
- Maintains cooler performance



Part #	Mfg #	Description
CHM00710	4173-06	Up To 10,000 CFM

Water & Scale Treatment

Humidi-Treat Cooling Tower Water Treatment

- Designed for humidifiers using up to 25 gallons per day
- Inhibits scale for one season



Part #	Mfg #	Description
FLR07023	4190-02	Humidi-Treat In-line Filter

Jug Holder Bracket



- Use when drip feeding any Nu-Calgon liquid water treatment product
- Holds containers in the proper position



Part #	Mfg #	Description
BRK03278	4607-0	5 gal Holder (C-284-5)

Microbiocide

- Controls algae, bacteria, and fungi in recirculating commercial and industrial water cooling towers



Part #	Size	Qty
CHM00252	1 gal	4

No. 85 Algaecide - Algae Prevention

- Polymeric, catatonic biocide that controls the growth of algae, bacteria, and fungi



Part #	Mfg #	Size
CHM00328	4108-08	1 gal

No. 215 Drip Feeder



- Used for feeding No. 340 liquid scale inhibitor, Cal-Treat 233, Ty-Ion C70 and No. 85 Algaecide
- Continuous treatment for small systems



Part #	Mfg #	Description
DST00846	4669-W3	No 215 Drip Feeder

No. 1075 Drip Feeder

- Used for feeding No.340 Scale inhibitor, Ty-Ion C-70, CalTreat 233 and No.85 Algaecide



Part #	Mfg #	Description
DST00847	4670-W3	Drip Feeder

Rydlyme pH Slayer Alkali Suspension

- For the treatment of waste water and effluents
- Non-hazardous in the slurry suspension state
- Ideal for broad application in acid neutralization, flue gas treatment, gas stream purification and for chemical processing



Part #	Mfg #	Description
CHM00741	PHS-05	5 gal Jug

Season Treat (Micromet® Plates)

- Patented Micromet® Plate product
- Flow-through package
- To treat small cooling towers and evaporative condensers



Part #	Mfg #	Description
CHM00422	4364-88	1 Canister Season Treat

Ty-Ion® C70 - Scale Prevention

- All-organic liquid scale, deposit and corrosion inhibitor for open recirculating cooling water systems, evaporative condensers, and air washer systems



7597-05

Part #	Mfg #	Description
CHM00431	7597-P3	15 gal Pail
CHM00430	7597-05	5 gal Pail

Compressors

Alliance Scroll Compressors

Scroll Compressors < 7.0 Tons

- Uses both R410A and R22 refrigerants



Part #	Mfg #	Electrical	BTUH	Refrigerant	Description
COM07161	SSR061A3BPZ	208/230-3-60 200/220-3-50	61,000	R-22	5.1 Ton, Sweat Fittings
COM10025	SXR032C1RPZ	208/230-1-60	32,000	R-22	2.66 Ton, 1.25" S x 1" D, Rotolock Connection
COM10029	SXR048B1RPZ	208/230-1-60	48,000	R-22	4.0 Ton, 1.25" S x 1" D, Rotolock Connection
COM10030	SXR054B1RPZ	208/230-1-60	57,000	R-22	4.5 Ton, 1.25" S x 1" D, Rotolock Connection

Bristol Compressors

R-22 High Temperature Bristol Reciprocating Compressor

- 7.5" x 7.5" Mounting feet



Part #	Mfg #	Capacity	Voltage
COM08543	H29B24UABCA	2 Ton	208/230-1-60
COM10003	H22J29BABCA	2.5 Ton	208/230-1-60
COM09972	H22A623DBEA	5 Ton	460-3-60



CITY COMPRESSOR

9750 TWIN LAKES PARKWAY • CHARLOTTE, NC 28269
1-800-392-4496 • sales@citycompressor.com

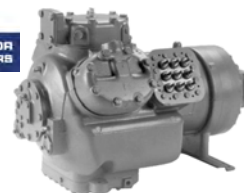
City Compressor Remanufacturers has been in business since 1938, and has partnered with The Trane Company since 1994. We remanufacture a wide range of air conditioning compressor makes ... Carrier, Copeland, Trane, and York reciprocating units in the 5 to 160 horsepower range ... as well as Carrier and Copeland refrigeration compressors. We keep a large inventory of remanufactured units in stock to allow for same day shipment of many models, and also carry compressor parts and accessories.

Congratulations to The Trane Company for 100 years in the HVAC industry. We are proud to serve with you!

Compressors

Carrier Compressors

Remanufactured to Industry Standards



Part#	Mfg#	Electrical	HP	Cylinders	Percent Unloading	Service Valve
COM06070	06DA8186AA0600	460-3-60	6.7 hp	4	None	2 Bolt 30°
COM06143	06ET250360	208/230-3-60 460-3-60	20 hp	4	50%	-
COM06080	06DX5376BA0600	460-3-60	12.7 hp	6	33%	4 Bolt 30°
COM08827	06DS5376BC3600	460-3-60	12.7 hp	6	33%	4 Bolt 30°
COM06147	06ET275360	208/230-3-60 460-3-60	30 hp	6	33%	-
COM08859	06E6275360	208/230-3-60 460-3-60	30 hp	6	33%	-
COM06149	06ET299360	208/230-3-60 460-3-60	40 hp	6	33%	-
COM06155	5H60	-	60 hp	6	100/83/66/33%	-
COM06156	5H80	-	80 hp	8	100/87/62/37/25%	-

Copeland Compressors

Remanufactured to Industry Standards



Part#	Mfg#	Electrical	HP	Cylinders	Percent Unloading
COM06092	4RK2-2500-TSK	208/230-3-60 460-3-60	25 hp	4	50%
COM06096	6RK2-3500-TSK	208/230-3-60 460-3-60	35 hp	6	33%
COM08828	6RP2-3500-TSK	208/230-3-60 460-3-60	35 hp	6	66%

Remanufactured Refrigeration Model - Delta Reed



Part#	Mfg#	Electrical	HP	Cylinders	Percent Unloading
COM09798	3DS3-R17ME-TFC	208/230-3-60	15 hp	3	None
COM09795	4DL3-F63KE-TSK	208/230-3-60 460-3-60	15 hp	4	None
COM09796	4DT3-F76KE-TSK	208/230-3-60 460-3-60	22 hp	4	None
COM09800	4DK3-R22ME-TSK	208/230-3-60 406-3-60	25 hp	4	50%



Compressors

Remanufactured Discus® Short Heads



Part#	Mfg#	Electrical	HP	Cylinders	Percent Unloading
COM08495	6DK1-3500-TSK	208/230-3-60 460-3-60	35 hp	6	33%
COM08496	6DP1-3500-TSK	208/230-3-60 460-3-60	35 hp	6	66%
COM08498	6DR1-4000-TSN	230-3-60 460-3-60	40 hp	6	33%

Remanufactured Discus® Tall Heads



Part#	Mfg#	Electrical	HP	Cylinders	Percent Unloading
COM08505	4DK3-2500-TSK	208/230-3-60 460-3-60	25 hp	4	50%
COM08493	4DR3-3000-TSK	208/230-3-60 460-3-60	30 hp	4	50%
COM08500	6DS3-4000-TSN	208/230-3-60 460-3-60	40 hp	6	66%

Trane Model A Compressors

Remanufactured to Trane OEM Specifications



Part #	Mfg #	MBTUH	Cylinders	Dimensions H x W x L
COM06370	A516	40 Ton	6	25.75" x 26.5" x 28.88"
COM06371	A518	50 Ton	8	25.75" x 27.5" x 30.88"

Copeland Reciprocating Compressors

R-22 Hermetic Reciprocating Compressor

- 60Hz, No injection



CRN5-0500-TFD

Part #	Mfg #	Electrical	BTUH	Refrigerant	Description
COM10403	CR22K6-PFV-875	208/230-1-60	21,600	R-22	1.8 Ton
COM10377	CR30K6-PFV-875	208/230-1-60	30,000	R-22	2.5 Ton
COM10386	CR42K6-PFV-875	208/230-1-60	42,000	R-22	3.5 Ton
COM10431	CR42K6-TFD-875	460-3-60 380-3-50	42,000	R-22	3.5 Ton
COM10436	CRN5-0500-TFD-9 70	460-3-60 380-3-50	60,000	R-22	5.0 Ton



Compressors

Copeland Scroll Compressors

R-22 Scroll Compressor

- 60Hz
- Internal motor protector
- -930 Have sweat connections and no electrical components with the compressor



ZR54K5-TFD-800

Part #	Mfg #	Electrical	BTUH	Refrigerant	Description
COM09945	ZR48K5-TFD-800	460-3-60	48,000	R-22	4.0 Ton, Braze Connections
COM09949	ZR54K5-TFD-800	460-3-60	54,000	R-22	4.5 Ton, Braze Connections
COM04588	ZR61K3-PFV	208/230-1-60	61,200	R-22	5.1 Ton
COM04587	ZR61K3-TFD	460-3-60, 380/420-3-50	61,200	R-22	5.1 Ton
COM04591	ZR68KC-TFD-930	460-3-60, 380/420-3-50	68,400	R-22	5.7 Ton
COM08016	ZR108KC-TF5-250	200/230-3-60, 200/220-3-50	108,000	R-22	9.0 Ton

Danfoss Scroll Compressors

Replacement Scroll Compressors



Part #	Mfg #	Capacity	Connection	Voltage
COM08953	SM115-4QAI	9 Tons	1-3/8" x 7/8" Brazed	460-3-60
COM08957	SM175-4QAI	14 Tons	1-5/8" x 1-1/8" Brazed	460-3-60
COM08959	SM185-4QAI	15 Tons	1-5/8" x 1-1/8" Brazed	460-3-60

Tecumseh R-22 A/C and High Temperature Compressors

- Rating point 45° evaporator 130 ° condensing
- Reciprocating, rotary and scroll models available
- Full range of sizes available from 0.5 - 6.0 tons
- Note: AE, AK and AJ compressor models are not approved for heat pump applications



Rotary Compressors

Part #	Mfg #	BOM	Volt-Phase	Refrig	HP	Rated BTU/Hr	Line Sizes Dischg, Suc
COM07080	RKA5513EXV	RK157JB-010-A4	265-1-60	R22	1-1/4 hp	13,200	5/16", 1/2"
COM07241	RKA5515EXV	RK222JB-009-A4	265-1-60	R22	1-1/4 hp	15,500	5/16", 5/8"
COM08939	RKA5518EXV	RK233JL-022-B4	265-1-60	R22	1-1/2 hp	17,500	5/16", 5/8"

Reciprocating Compressors

Part #	Mfg #	BOM	Volt-Phase	Refrig	HP	Rated BTU/Hr	Line Sizes Dischg, Suc
COM03141	AKA8511EXD	AK149ET-027-A4	208/230-1-60	R22	1 hp	11,400	1/4", 3/8"
COM03157	AVA5538EXG	AV134TT-036-A4	460-3-60	R22	3 hp	38,400	1/2", 7/8"



Fittings

Copper Fittings

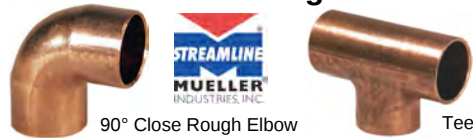
SEC99AB Ultracap Armored Capillary

- Designed for use with 1/4" SAE male flare fitting connectors



Part #	Mfg #	Description
TUB12378	SEC99AB-24C	24" Length, (1) Straight Fitting, (1) 90° Fitting, Schrader Depressor In Both Ends
TUB12379	SEC99AB-36C	36" Length, (1) Straight Fitting, (1) 90° Fitting, Schrader Depressor In Both Ends

Copper Wrot Pressure Fittings



Part #	Mfg #	Description
ELL00878		2-1/2" NOM 2-5/8" OD 90° Close Rough CxC Elbow
TEE00181	W04006	1/2" NOM 5/8" OD CxCxC Tee



Line Sets

3/8" Insulation with 90° Bends

Part #	Mfg #	Liq Line	Suct Line	Length
KIT09285	38343835	3/8"	3/4"	35'

Series 612 3/8" Insulation



Part #	Mfg #	Liq Line	Suct Line	Length
KIT09406	61280500	3/8"	3/4"	50'

Series 612 3/8" Insulation with 90° Bends



Part #	Mfg #	Liq Line	Suct Line	Length
KIT09282	61280501	3/8"	3/4"	50'
KIT09280	61280251	3/8"	3/4"	25'

Series 614 3/8" Insulation with 90° Bends



Part #	Mfg #	Liq Line	Suct Line	Length
KIT09277	61480501	3/8"	7/8"	50'

Standard Weight Black Steel Fittings



Part #	Mfg #	Description
656413375900	583-030	1/2" x 3" Nipple
NIP00200	583-060	1/2" x 6" Nipple
NIP00213	583-080	1/2" x 8" Nipple
NIP00201	583-120	1/2" x 12" Nipple

Threaded 150# Black Malleable Iron Fittings



Part #	Mfg #	Description
FTG01004	520-003	1/2" Coupling
FTG01002	521-203	1/2" 90° Elbow
FTG01008	521-403	1/2" Cap
FTG01007	520-603	1/2" Tee
FTG01010	521-703	1/2" Union

Filter-Driers

Eliminator Liquid Line Filter-Driers

DCL Liquid Line Filter-Drier

- Solid core
- 80% Molecular sieves
20% Activated alumina
- For CFC, HCFC, HFC refrigerants
- Mineral or AB, POE or PAG (pure) systems



Part #	Mfg #	Connections	Capacity
DHY1056	DCL083S	3/8" ODF	8 cu in
DHY1059	DCL163S	3/8" ODF	16 cu in
DHY1061	DCL165S	5/8" ODF	16 cu in

Filter-Driers

Burnout/Clean-Up Core

- For liquid or suction line
- General clean-up of acids, varnishes, sludge and moisture



Part #	Mfg #	Size
PCK-48	031810-00	48 cu in

Charcoal Burnout Core

- For liquid or suction line
- Removes acids, water, solids and sludge
- Recommended for refrigerant reclaim/recovery units



Part #	Mfg #	Size
PCK-48HH	031812-00	48 cu in

Gold Label Steel Liquid Line Filter-Drier

- Unsurpassed moisture and acid capacities
- Spring loaded, molecular sieve and activated alumina
- Solid copper ODF solder fittings and nickel plated steel SAE fittings
- Powder paint exterior coating surpasses 500 hour ASTM salt spray test to resist corrosion
- Models 030 thru 160 series are rated for 600 psig
- Models 300, 410 and 750 series are rated for 500 psig



Part #	Mfg #	Size	Connection
163S	163S	3/8"	Sweat
164S	164S	1/2"	Sweat

Filter-Driers



Bi-Flow Filter-Drier

ServiceFirst

Part #	Mfg #	Size	Capacity	Connections
DHY01451	DCB083S	8 cu in	2.3 Ton	3/8" ODF
DHY01452	DCB163S	16 cu in	5.7 Ton	3/8" ODF

Liquid Line Filter-Drier

ServiceFirst

Part #	Mfg #	Size	Capacity	Connections
DHY01456	DCL053/4S	5 cu in	5.4 Ton	1/2" ODF x 3/8" ODF
DHY01454	DCL083S	8 cu in	6.0 Ton	3/8" ODF
DHY01453	DCL084S	8 cu in	8.0 Ton	1/2" ODF x 3/8" ODF
DHY01472	DCL163S	16 cu in	6.9 Ton	3/8" ODF
DHY01470	DCL165/4S	16 cu in	11.4 Ton	5/8" ODF x 1/2" ODF

Suction Line Filter-Drier

ServiceFirst

Part #	Mfg #	Size	Connections
DHY01458	023Z1012	16 cu in	7/8" ODF
DHY01461	023Z1017	41 cu in	7/8" ODF

Filter-Drier Cores

ServiceFirst

Part #	Mfg #	Description
COR00224	023U5380	48-DA Core
COR00231	023U5381	48-DA Core
COR00222	023U4380	48-DC Core
COR00223	023U1391	48-DM Core



Filter-Driers

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Danfoss solid core filter driers have the industry's highest moisture capacity and highest maximum working pressure. Soak up superior system protection with trusted quality and innovation.

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Compressors & Flow
Controls

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Filter-Driers

Filter-Driers

- Leak-proof shell
- Solid copper sweat fittings
- Outlet safety filter
- A blend of desiccants for maximum moisture removal
- Molded porous core for maximum containment removal
- Compatible with refrigerants R-12, 22, 134A, 404A, 407C, 410A, 502, 507
- UL & CUL Listed

Liquid Line Filter-Drier



Part #	Mfg #	Size	Capacity	Connections
DHY01230	401023	16 cu in	6.0 Ton	1/2" ODF
DHY01229	401021	16 cu in	6.0 Ton	3/8" ODF
DHY01232	401449	30 cu in	9.0 Ton	5/8" ODF

Reversible Heat Pump Filter-Drier

- For clean-up after burn-out
- Core volume is 14 cubic inches
- Core surface filtering area is 26 square inches



Part #	Mfg #	Size	Capacity	Connections
DHY01243	404201	14 cu in	5.0 Ton	3/8" ODF

Filter-Drier Cores



Part #	Mfg #	Description
COR00104	404360	Activated Core for Liquid and Suction Line Applications
COR00106	404380	Activated Charcoal Core for Wax Removal and Hermetic Motor Burnout System Cleanup

Replaceable Shells

G-Type Replaceable Shell

- 1/4" NPT Connection
- Pipe plug in flange plate



Part #	Mfg #	Description
DHY01263	402109	7/8" ODF

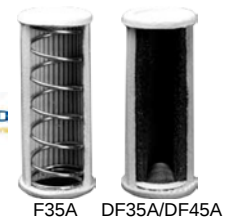
Char-Core® Liquid Line Cores for CFA Shells

- High-capacity, replaceable for the removal of wax, moisture and acids from refrigeration and air conditioning systems



Part #	Mfg #	Surface Area	Dessicant Vol
COR00225	CD35	65 sq in	35 cu in
COR00226	CD45	93 sq in	63 cu in

Suction Line Filters-Driers



CFA Uni-Form® Shell Replaceable Cartridge for Permanent Filter Cartridge & Surface Area

Part #	Mfg #	Description
FLR07341	F35A	115 sq in

CFA Uni-Form® Shell Replaceable Cartridge for Temporary Clean-Up Cartridge & Surface Area

Part #	Mfg #	Description
FLR07345	DF35A	115 sq in
FLR07346	DF45A	189 sq in

Valves

Ball Valves

CYCLEMASTER® Ball Valve

- Compatible with all HFC, CFC, and HCFC refrigerants and oils
- Temperature range: -40° - 300°F
- Full port construction
- Rupture-proof encapsulated stem
- AC - Standard with access ports



Part #	Mfg #	Description	Pressure
VAL07197	AQ 17862C	5/8" ODF	Max 700 psig

KarolTech® Ball Valve

- Patented "State of the Art" KAM Uni-Body Design (Patent #7337797)
- Full open to full close with 1/4 turn
- INTEGRA-SEAL® 1-Piece cap
- Compatible with all common CFC, HFC, HCFC refrigerants and CO2
- Service temperature: -40° to 300°F
- Compatible with Mineral, POE, PAG & PVE oils
- UL, CUL and CE Compliant



Part #	Mfg #	Conn	Pressure
586CS-6ST	586CS-6ST	3/8"	Working 700 psig
586CS-10ST	586CS-10ST	5/8"	Working 700 psig

Expansion Valves

TR6 - TXV Valve Kit

- Kit includes:
 - Valve with 3/8" x 3/8" ODF connections
 - 24" Equalization line
 - 31-1/2" Capillary tube
 - Chatleff and Aeroquip adapters
 - Built-in check valve for heat pumps
 - 35" Foam insulating tape
 - Patented, easy secure, copper bulb strap
 - Instructions



Part #	Mfg#	Rated Capacity	Ref Type
VAL09218	067L5955	1.5-3 Ton	R-410A
VAL09217	067L5859	5 - 6 Ton	R-22

Thermostatic Expansion Valves

HC Series R-22/R-407C TXV



Part #	Mfg #	Size	Ton
HCAE-3-VX100	HCAE-3-VX100	1/2" x 3/8"	3
HCAE-5-VX100	HCAE-5-VX100	5/8" x 3/8"	5

Universal Heating Products



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Precision Internal Replacement

EMERSON Climate Technologies



36H32-423



EMERSON Climate Technologies

Compressors & Flow Controls

Enclosures & Mounting

Controls

Enclosures

SP38035 Sub-Panel Enclosure

- Provides an internal surface for control equipment
- Cover type is reversible hook hinge key latch door
- Provided are sets of T-Hook holes for "PSH" model power supplies (sold separately) posts for sub-panel mounting and holes for mounting track
- 18 Gauge steel; 14.6 lbs
- UL Listed, C-UL Canada



Part #	Mfg #	Description
HUS03619	MH3800	12.5" x 24.5" x 5.5"

Mounting Track

- For relays, current sensors, and power supplies
- Can be screw mounted to any flat surface
- UL Component recognized in USA and Canada, CE approved, RoHS



Part #	Mfg #	Width	Length	Distance Between Hole Centers
MNT01700	MT4-2	4"	2"	2" Center to Center



Your #1 Resource.

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Furnace Controls

Electronic Fan Timers

ST9120U1011 Universal Integrated Gas Combustion Blower Control

- Integrates control of all combustion blower and circulating fan operations in a gas warm-air appliance
- Replaceable fuse
- DIP Switch selectable heat and cool delay on and off times
- Diagnostic LED EAC and HUM convenience terminal connections and continuous low speed indoor air circulation are provided



Honeywell

Part #	Mfg #	Field Adjustable Heat Fan On Delay	Field Adjustable Heat Fan Off Delay	Field Adjustable Cool Fan On Delay	Field Adjustable Cool Fan Off Delay
TMR00231	ST9120U1011	30 or 60 Sec	60, 120, 150 or 180 Sec	4 or 30 Sec	30 or 60 Sec

Fan Blower Controls

ICM271 Solid State Dual Function Fan Blower Control

- Replacement for OEM models including Carrier CES0110017/18 and HH84AA-x series control boards
- Specifically designed to replace popular gas furnace centers
- Pin selectable blower delays
- High power, relay output
- Controls the circulating fan in heat pump, A/C and forced air systems
- OFF delay purges ducts for residual air
- ON delay allows air to reach the proper comfort level prior to energizing the fan
- Input voltage: 18 to 30VAC
- Contact ratings:
 - Normally open: 20A
 - Normally closed: 10A
- Fixed time delays:
 - Heat ON: 75 seconds
 - Heat OFF: 105 seconds
 - Cool OFF: 90 seconds



ICM
CORPORATION

Part #	Mfg #	Description
CNT03262	ICM271	Dual Fan Blower Control

Fan Safety Alarm and General Purpose Logic Circuit

- 6 Alarm inputs
- 1 Master alarm
- Mounting track included (MT212)
- UL Listed
- 1-Year warranty



Part #	Mfg #	AC	Power Input	Track Mount
BRD03521	RIBMNLB-6	24VAC; 50-60Hz	4A	2.75"



Furnace Controls

Controls

Fan Speed Controls

P66 Series - Electronic Fan Speed Control

- Soft start capability
- NEMA1 or NEMA 3R Enclosures
- One or two pressure transducers
- Two throttling ranges
- Built-in voltage surge protection
- Radio frequency Interference suppression
- Ground terminal screw



Single Sensor Input

Part #	Mfg #	Effective Throttling Range psig (kPa) (Fixed)	Pressure Range (Adjustable)	Start Voltage % of Supply	Capillary Length
CNT01209	P-66AAB-1	60 (414)	190-250 psi	10	60"

Furnace Control Modules

ICM281 Microprocessor-Based Furnace Control Board

- Low cost, direct replacement board for Carrier CESO110057-00,01,02
- Controls gas valve, igniter, blower motor, inducer, humidifier and air cleaner
- Functions with all 24VAC thermostats
- Designed for 100% gas shut-off in case of ignition failure
- Twinning compatible with another ICM281 board
- Reverse polarity protection
- Secondary brownout voltage protection
- Diagnostic fault codes (blinking LED) for simple troubleshooting
- Electrical:
 - Line voltage range: 98 to 132VAC @ 60Hz
 - Ignitor: 5A @ 120VAC
 - Cool blower: 30A, 2 HP, 240 VAC
 - Heat: 5A, 1/2 HP, 240VAC
 - Inducer motor: 4A, FLA-8.0 LRA @ 120VAC
 - Gas valve: 1.5A @ 30VAC



Part #	Mfg #	Description
CNT05049	ICM281	Replacement for Carrier CESO110057-00

Integrated Furnace Controls

50A51 Integrated 2-Stage Control

- Suffix: S1 = single pack 1/box



Part #	Mfg #	Description
CNT02184	50A51 495S1	Integrated Hot Surface Ignition Control



Furnace Controls

50A55 Universal Silicon Carbide Integrated Furnace Control

- Includes flash code diagnostics
- Replaces 50A5X-XXX controls
- For gas-fired forced -air furnaces with integrated furnace control module with a silicon carbide igniter
- Fused to protect low voltage system transformers
- Includes mounting hole template
- Adjustable blower relay

White
Rodgers



Part #	Mfg #	Prepurge	Delay Heat ON	Delay Heat OFF	Delay Cool ON	Delay Cool OFF
CNT03740	50A55-843	30 Sec	30/45	60/90/120/180	5	45/90

50M56-843 Universal Single-Stage HSI Integrated Furnace Control Kit

- Replaces virtually all single-stage carbide and nitride HSI systems
- Includes (12) quick-select/quick connect wiring harnesses, 21D64-2 universal nitride igniter kit
- 3-Fan speeds
- System diagnosis, with fault recall
- Cover label displays diagnostic table
- Red LED light-used for diagnostic flash codes
- Low voltage-fuse protection-3A replaceable automotive type
- 7"H x 5.25"W x 1.25"D

White
Rodgers



Part #	Mfg #	Input Voltage	Operating Temp Range	Valve Relay Load Rating	Mounting
CNT06054	50M56U-843	25VAC	-40° - 176°F	1.5A @ 25VAC 50/60Hz	Surface Mount Multi-Poise

Furnace Controls

White
Rodgers

Part #	Mfg #	Description
MOD01393	50C70495S1	Gas Ignition Module
CNT06568	50C6849501	Integrated Furnace Control, Variable Speed



Gas Valves

Controls

Pilot Gas Valves

VR8300M4406 Dual Standing Pilot Gas Valve

- Two automatic valves
- First valve is solenoid operated
- Second valve is diaphragm-operated
- Natural to LP gas conversion kit included
- 200,000 BTUH

Honeywell

Part #	Mfg #	Inlet Connection	Outlet Connection	Power Supply
VR8300M4406	VR8300M4406	3/4"	3/4"	24VAC, 60Hz

VR Series Combination Gas Controls

- Standard features for combination gas valves include:
 - (2) Automatic valves
 - Solenoid-operated first automatic valve opens on thermostat call for heat; closes when call for heat ends.
 - Diaphragm-operated second automatic valve opens under control of regulator; closes if gas or power supply is interrupted
 - Meets codes requiring dual safety shutoff
 - Mounting: 0° to 90°, any direction from upright position of gas control knob, including vertically

VR8345 Universal Electronic Ignition Combination Gas Control

- For use with direct spark ignition, hot surface ignition or intermittent pilot ignition in 24VAC, gas-fired appliances, with capacities from 30 to 415 BTU
- Includes all standard features plus:
 - Manual valve, two automatic operators, pressure regulator, pilot adjustment, pilot plug and ignition adapter
 - Replaces virtually any IP, HSI or DSI gas control
 - For use with natural or manufactured gas or LP gas
 - Includes converter kit to adapt from natural gas to LP gas
 - 4" Swing radius allows easy rotation into position inside the tightest furnace vestibules
 - Clearly marked, keyed terminal block allows quick attachment wires and IP/DSI/HSI jumper
 - Internal inlet screen blocks contaminants in gas line from entering valve
 - Capacities based on 1" p.d. 30,000 BTUH minimum, 300,000 BTUH maximum



Honeywell

Part #	Mfg #	Inlet Connection	Outlet Connection	Power Supply
CNT02537	VR8345M4302	3/4"	3/4"	24VAC, 60Hz



Gas Valves

Gas Burner Controls

36C Cycle Pilot Gas Valve

- Equipped with redundant pilot solenoid main gas regulator
- Integral gas pressure switch and electrical connection on the gas valve for mercury flame sensor connection
- 24VAC, 60Hz
- Pressure rating: 1/2 psi (14.0"wc) maximum
- Natural gas with LP conversion kit included

White
Rodgers



Part #	Mfg #	Coil Voltage	Open	Inlet/Outlet Size	Capacity AGA Standard Gas	Side Taps
VAL08898	36C84-945	24VAC	Fast Open	3/4" x 3/4"	280,000	No
VAL09377	36C94-906	24VAC	Slow Open	3/4" x 3/4"	110,000	No

36C Fast Opening Gas Valve

- Valve may be mounted in any position except upside down
- Gas cock knob, pilot adjust screw and regulator adjustment are on top of control
- Easy-grip pipe boss simplifies installation
- Use with thermocouples
- Natural gas, includes LP conversion kit and reducer bushing kit
- Suffix:
 - 333 = Does not include inlet pressure tap
 - 433 = Induces inlet pressure tap
 - S01 = Single pack 1/box

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Part #	Mfg #	Typical Appl	Coil Voltage	Inlet/Outlet Size	Capacity AGA Standard Gas	Side Taps
VAL04922	36C03-333	Standing Pilot	24VAC, 60Hz	1/2" x 3/4"	230,000	Yes
VAL04924	36C03-433	Standing Pilot	24VAC, 60Hz	3/4" x 3/4"	280,000	Yes
VAL02476	36D13A475S1	2-Stage Relay	120VAC, 60Hz	3/4" x 3/4"	335,000	No

36C Step-Opening Multi-Function Combination Gas Control

- Combines the functions of 3-position manual valve, main gas valve, pressure regulator and 100% shut-off automatic pilot
- Valve may be mounted in any position except upside down
- Pilot gas outlet located at outlet end accepts a 1/4" pilot line connection
- Suitable for all domestic heating gases
- Pressure rating: 1/2 lb per square inch
- Operator: relay

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Part #	Mfg #	Coil Voltage	Gas	Inlet/Outlet	Regulator	Line Interrupter	Step
VAL02870	36C04 222S1	24VAC, 60Hz	NG	1/2" x 1/2"	Yes	Yes	Regulated



Gas Valves

Controls

36G/36J Single-Stage Combination Gas Valve

- Designed for direct spark (DSI) and hot surface (HSI) ignition
- Control can be mounted in any position
- Equipped with:
 - Redundant and main solenoid valve
 - Pressure regulator
 - 2-Position on/off switch for regulation and electrical shut-off of the solenoid valves
 - Slow opening pressure regulator
- Suffix: S1 = single pack 1/box

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Part #	Mfg #	Coil Voltage	Open	Inlet/Outlet Size	Capacity AGA Standard Gas
VAL07731	36G22-209S1	24VAC, 50/60Hz	Fast Open	1/2" x 1/2"	140,000
VAL07973	36G22-213	24VAC, 50/60Hz	Fast Open	1/2" x 1/2"	140,000
VAL08710	36G22-223	24VAC, 50/60Hz	Fast Open	1/2" x 1/2"	140,000
VAL07732	36G24-205S1	24VAC, 50/60Hz	Slow Open	1/2" x 1/2"	140,000
VAL09028	36J22-209	24VAC, 50/60Hz	Fast Open	1/2" x 1/2"	140,000
VAL09029	36J24-205	24VAC, 50/60Hz	Slow Open	1/2" x 1/2"	140,000
VAL09030	36J54-201	24VAC, 50/60Hz	2-Stage, Non Direct Vent	1/2" x 1/2"	140,000
VAL09031	36J54-202	24VAC, 50/60Hz	2-Stage, Direct Vent	1/2" x 1/2"	140,000
VAL09034	36J54-209	24VAC, 50/60Hz	2-Stage	1/2" x 1/2"	140,000

36H Combination Gas Control Valve

- For use with intermittent ignition systems
- Electrical shut-off
- Quick-connect terminals (1/4")
- Adjustable regulator
- Natural gas, includes LP conversion kit

White
Rodgers



36H32-423

Part #	Mfg #	Coil Voltage	Inlet/Outlet Size	Capacity AGA Standard Gas	Opening Characteristic
VAL08843	36H32-423	24VAC, 50/60Hz	3/4" x 3/4"	300,000	Fast Open
VAL08750	36H54-486	24VAC, 50/60Hz	3/4" x 3/4"	300,000	2-Stage, Fast Open
VAL08897	36H64-463	24VAC, 50/60Hz	3/4" x 3/4"	300,000	2-Stage, Fast Open

Gas Valve Adapter Kit

- Includes:
 - (2) Wires
 - Fitting
 - Installer's guide

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Rodgers

Part #	Mfg #	Description
KIT09419	F0026 018700	For Replacement of White-Rodgers E & F Series Gas Valves and with New G Series

LP Conversion Kit

White
Rodgers



Part #	Mfg #	Description
KIT01402	F92-0656	LP to Natural Gas Conversion Kit for 36C/D/E/F/G Gas Valves w/2.5" - 5.0"wc Range
KIT02851	F92-0659	NG to Regulated LP Gas Conversion Kit for 36C/D/E/F/G Gas Valves w/7.5" - 12.0"wc Range



Igniters

Igniters

Glowfly™ Universal Hot Surface Igniter

- Uses a 120V silicon nitride igniter design with long life and high resistance to damage or burn out
- Kit includes specially designed silicon nitride igniter and six different bracket configurations to increase universal application
- Clear instructions and application templates are provided
- Replaces over 110 different models
- 3-Year warranty

Honeywell



Part #	Mfg #	Description
IGN00143	Q3200U1004	Glowfly Universal Hot Surface Igniter Kit
IGN00144	Q3200U2002	Glowfly Universal Hot Surface Igniter Kit, Service Pack of (6) Kits

Silicon Carbide Hot Surface Igniter

- Works with 15, 17, or 45 second HSI systems
- AGA Design certified & CGA certified
- Electrical connection: receptacle with 0.93 male pins, tab on left
- Lead length: 5.25"

White
Rodgers



Part #	Mfg #	Description
IGN00058	767A-357	250°F Lead Insulation Temperature Rating

TrueStart universal igniters are available in silicon nitride and silicon carbide models. Silicon nitride is a very durable ceramic that is high fracture and temperature resistant and has a long life expectancy. Silicon nitride is a longer lasting material that is also more shock resistant. Silicon carbide is a naturally high temperature resistant metal that has been the standard used in heating equipment for years.

TrueStart® Hot Surface Igniter

- Available as direct replacement for OEM (silicon carbide) or as a universal igniter (silicon carbide or silicon nitride)
- Replaces hundreds of OEM igniters with just one SKU
- Each TrueStart® universal includes:
 - Universal bracket kit
 - Universal electrical plug connection kit
 - Color coded packaging

DIVERSITECH



Part #	Mfg #	Description
IGN00253	IGN-001	Universal Silicon Carbide HSI
IGN00254	IGN-1F	Universal Flat Silicon Nitride HSI Kit
IGN00255	IGN-1R	Universal Round Silicon Nitride HSI
IGN00256	IGN-2	Wolverine Universal Silicon Nitride HSI
IGN00257	IGN-401	2.75" x 2.5" x 2.75" Direct Replacement Silicon Carbide
IGN00259	IGN-403	3.75" x 3.75" x 6.25" Direct Replacement Silicon Carbide
IGN00260	IGN-409	2.75" x 6.5" x 2.75" Direct Replacement Silicon Carbide

Universal Nitride Hot Surface Igniter Upgrade Kit

- No need to replace existing module
- Replaces most silicon carbide igniters
- No power module needed
- Super tough nitride igniter construction
- For gas-fired forced-air furnaces, water heaters and boilers
- Kits include nitride igniter, universal mounting bracket, mounting adapter bracket, cross reference, nitride upgrade furnace label, fasteners and instructions



Part #	Mfg #	Description
IGN00134	21D64-2	120V Nitride Universal Igniter Upgrade Kit

Igniters

Ignition Pilot Modules

Ignition Control

Honeywell

Part #	Mfg #	Description
KIT08282	21D70-495	Ignition Control Module Kit, Includes Ignition Control Module, Adapter Board, Wiring Harness, & Instruction Sheet
CNT03457	50N2495B1	Integrated Direct Spark Ignition Module
CNT05159	50V60-507 90	Integrated Furnace Control less Cover
KIT09163	F0115 015500B1	Integrated Ignition Wire Harness
CNT04717	50N02475S1	Standalone Dual-Stage Gas Ignition Control Module

Ignition Module for Hot Surface Ignition Systems

- For direct ignition and burner supervision in gas furnaces boiler and water heaters
- Electrical rating: 18 - 30VAC, 50/60Hz, 0.2A
- Ambient operating range: -40° to 175°F (-40° to 79°C)
- Retries: 3

White
Rodgers

Part #	Mfg #	Description
CNT03776	50E47-843	45 Second Warm-Up Time, 30 Second Prepurge Time

S8610U Universal Intermittent Pilot Module

- Provides electronic control of most intermittent pilot ignition systems used on gas-fired furnaces, boilers and other heating appliances
- For use in systems with combination igniter-sensor (single rod or dual rod sense)
- 100% Pilot gas shutoff & lockout on loss of pilot flame
- Includes relay contacts for use with any intermittent pilot gas control string with maximum 1.0A pilot or 2.0A main valve rating
- Honeywell VR8204, VR8304 or VR8345M combination gas control recommended
- Includes spark cable adapters to allow field replacement of both Honeywell and competitive controls without replacing existing spark cable
- Includes damper connection and automatic vent damper plug



Part #	Mfg #	Description
MOD01605	S8610U3009	NG or LP Gas, 90 Second Trial for Ignition, 6 Minute Wait, Continuous Retry (Replaces S8610U1003)

S9200U Hot Surface Ignition Control

Honeywell


- Universal hot surface ignition integrated furnace control
- Controls a standard induction-type circulating fan motor
- Can be used with conventional thermostats and the EnviraCOM™ enable VisionPRO IAQ and FocusPRO
- Main burner ignition using a 120V hot surface igniter
- Flame rectification circuit to monitor flame presence
- Monitors system pressure switch, high temperature limit, and rollout functions

Part #	Mfg #	Description
CNT05101	S9200U1000	Universal Integrated Furnace Control

Universal Non-Integrated Hot Surface Ignition Module

White
Rodgers


- Silicon carbide igniter
- For gas-fired non-integrated forced-air furnaces and boilers
- Direct and indirect flame sense
- Six program keys, color-coded timing label, double-sided foam back tape, and mounting hardware included
- Valve relay load rating: 25VAC, 1.5A maximum
- Ignitor relay load rating: 120VAC, 6.0A maximum
- 4.13"H x 4.13"W x 1.5"D

Part #	Mfg #	Description
CNT03794	50E47-843	Universal Ignition Module

Igniters

Y8610U Universal Retrofit Intermittent Pilot Gas Burner Ignition System



- Complete kit for converting conventional standing pilot systems to intermittent pilot systems
- For use with 24VAC gas-fired atmospheric furnaces, boiler and heating appliances
- Includes:
 - Intermittent pilot module (S8610U)
 - Dual valve combination gas control (VR8304M) or dual valve combination gas control (VR8204A)
 - Igniter sensor (392431)
 - Ignition cable (394800-30)
 - Natural to LP gas conversion kit (393691)
 - Wiring harness
 - 3/4" Straight flange kit (393690-14)
 - Reducer adapters for gas control with VR8304M
 - Installation hardware

Part #	Mfg #	Description
KIT15022	Y8610U6006	Y-pack Containing S8610U3009 & VR8304M with 1/2" x 3/4" Inlet/Outlet, Flange Kit, LP Conversion Kit
KIT15134	Y8610U4001	Y-pack Containing S8610U3009 & VR8204A2142 with 1/2" x 1/2" Inlet/Outlet, Flange Kit, LP Conversion Kit

Pilot Burners

Igniter Flame Rod Assembly



- Use with SV9500, SV9600
- Field replacement for Q3450/Q3480 hot surface pilot burner

Part #	Mfg #	Description
PIT00207	Q3400A1024	30" Lead Length

Q314 Pilot Burner

- Non-primary aerated, insert orifice-type, for main burner ignition with Q340 or Q390 thermocouple for Pilotstat safety control operation
- Use with Q313 Thermopile generator for 750mV powerpile applications
- Includes natural gas and LP orifice
- Compression fitting size: 1/4"
- Special mounting bracket with screws for converting "B" bracket to "A"



Part #	Mfg #	Description
Q314U1001	Q314U1001	Universal Pilot, BCR-18 Orifice, Single Adjustable Left, Right, and Center

Q345A Pilot Burner

- Non-primary aerated combination pilot burner and igniter
- Use with S86, S860 S8610 or S8670 in intermittent pilot systems
- Includes pilot burner with bracket, ceramic insulated Kanthal flame rod/spark igniter and ground strap
- Compression fitting size: 1/4"



Part #	Mfg #	Description
Q345U1005	Q345U1005	Universal Pilot For Intermittent Pilot Applications with Target Style Hood

Flame Sensors

C554 Cadmium Sulfide Flame Detector

- Photoconductive flame sensing device for sequencing oil burner systems



Part #	Mfg #	Description
SEN00739	C554A1463	60" Lead, A/B/E/J/P Type & Oil Line Mounting Bracket Included

Mercury Flame Sensors

Plug-In Mercury Flame Sensor in Cycle Pilot Applications

- For proving pilot flame and controlling main valve in cycle pilot applications
- Designed to fit with various OEM applications
- Maximum temperature: 1450°F at bulb tip
- Element length: 48"
- Bulb style: #20



Part #	Mfg #	Description
SEN00432	3098-156	Replaces Style #17 or #18, Adapter Ftg's Included

Pressure Switches

Differential Pressure Transmitters

Series 616 Differential Pressure Transmitter

- For use with air and non-combustible, compatible gases
- Accuracy: +/- 0.25% full scale
- Span and zero controls for fine tuning and minor re-calibration



Part #	Mfg #	Range	Max Pressure
TRM00048	616-4	0 - 20"wc	11 psig

Series MS Magnesese® Differential Pressure Transmitter

- Field selectable English or metric ranges
- 3/16" ID Tubing
- Adjustable damping of output signal
- Ability to select a square root output for use with pitot tubes and other similar flow sensors
- Output: 4-20 mA



Part #	Mfg #	Description
MS-021	MS-021	+/- 0.1", 0.25", 0.5"wc
MS-111	MS-111	1", 0.25", 0.5"wc
MS-112	MS-112	1", 0.2", 0.5"wc with Duct Mount Static Pressure Probe
GAG01294	MS-121	0.1", 0.25", 0.5"wc

Pressure Switches

ADPS HVAC Differential Pressure Switch

- For air and other non-combustible gases
- SPDT with 1/2" NPT Connections
- Temperature range: -4°F - 185°F
- Dual scale field adjustable set point knob
- Designed for pressure, vacuum and differential pressures



Part #	Mfg #	Description
ADPS-03-2-N	ADPS-03-2-N	0.20" - 2.00"wc
ADPS-06-2-N	ADPS-06-2-N	2.0" - 10.00"wc
KIT15856	A-481	Installation Kit with (2) plastic Static Pressure Tips and 7' PVC Tubing

Pressure Switch

- Tamper proof, +/- 15 psi tolerance
- 18" Leads
- 1/4" Female SAE connection
- Pressure range: 0 to 650 psi
- Burst pressure: 5000 psi
- Life @ rated load: 100,000 cycles
- Rated 24/120/240V/375V, 50/60Hz
- GFC: Fan cycling SPST open on rise
- GHP: High pressure - SPST open on rise
- GLP/SLP: Low pressure - SPST open on fall



Part #	Mfg #	SUPCO #	Open	Close
SWT03146	GFC341	SFC210275	210 psi	275 psi
SWT03141	GHP356	SHP350250	350 psi	250 psi
SWT03142	GHP357	SHP400200	400 psi	200 psi
SWT03143	GHP358	SHP400300	400 psi	300 psi
SWT03144	GHP359	SHP450250	450 psi	250 psi
SWT03134	GLP330	SLP1025	10 psi	25 psi
SWT03135	GLP362	SLP2550	25 psi	50 psi
SWT03136	GLP363	SLP2580	25 psi	80 psi
SWT03137	SLP4080	SLP4080	40 psi	80 psi

Manual Reset Pressure Switch

Part #	Mfg #	Description
SWT03149	GMR365	Manual Reset Switch, NC, Open 410 psi, 1/4" Flare Fitting

P100 Series - Encapsulated Pressure Switch

- Encapsulated switch, dust tight
- Electrical connections are made to 48" leads
- 1/4" Female flare fitting with Schrader
- SPST Direct mounted



Electrical Ratings

Ratings VAC	120	240
AC Full Load Amps (FLA)	5.8	2.9
AC Locked Rotor Amps (LRA)	34.8	15.0

Pilot Duty - 375 VA at 120/240/277VAC; 2A at 28VAC/VDC

Part #	Mfg #	Application	Open psig	Close psig
SWT03227	P100AP-2C	Low Cutout	35	60
SWT03259	P100AP-3C	Fan Cycling	150	225
SWT03260	P100AP-4C	Fan Cycling	170	250

Actuators

Damper Actuators

Fire and Smoke Fast Acting 2-Position Damper Actuator

- SPST, Two-position control signal
- Spring return, direct-coupled
- Operates in smoke control systems requiring UL555S ratings up to 350°F
- 15 Second spring return timing
- Die-cast aluminum housing design allows flush mounting to damper and eliminates need for limit switches to reduce power consumption
- 3 Conduit openings



Part #	Mfg #	Actuator	Torque Rating	Supply Voltage	Spring Direction	Frequency
ACT00554	MS4120F1006	Damper	175 lb-in	120VAC	By Orientation	60Hz
ACT00555	MS4120F1204	Damper	175 lb-in	120VAC	By Orientation	60Hz
ACT00429	MS4309F1005	Damper	80 lb-in	120VAC	CCW	60Hz
ACT00556	MS4620F1005	Damper	175 lb-in	230VAC	By Orientation	50Hz/60Hz
ACT00557	MS4620F1203	Damper	175 lb-in	230VAC	By Orientation	50Hz/60Hz
ACT00551	MS4709F1014	Damper	80 lb-in	230VAC	CW	50Hz
ACT00552	MS4809F1012	Damper	80 lb-in	230VAC	CCW	50Hz
ACT00506	MS8120F1002	Damper	175 lb-in	24VAC	By Orientation	50Hz/60Hz
ACT00558	MS8120F1200	Damper	175 lb-in	24VAC	By Orientation	50Hz/60Hz
ACT00533	MS8209F1003	Damper	80 lb-in	24VAC	CW	50Hz/60Hz
ACT00553	MS8309F1001	Damper	80 lb-in	24VAC	CCW	50Hz/60Hz

ML4115 Commercial Fire and Smoke, Fast-Acting, 2-Position Actuator - 30 lb-in

- Spring return direct-coupled actuators for on and off damper control with integral junction box
- Accepts on and off signal from SPST controller
- Designed to operate reliably in smoke control systems
- 95° Angle of rotation
- Die-cast aluminum housing
- Mounts to 3/8" or 1/2" round or square shaft
- 150 lb-in Maximum stall torque
- Timing: 25 Second max drive at 60Hz; 18 second nom driving at 60Hz



Part #	Mfg #	Description	Rotation to Open	Notes:
ACT00547	ML4115A1009	120VAC +/-10%, 2-Position SPST	CW	Includes Ground Screw
ACT00517	ML4115B1008	120VAC +/-10%, 2-Position SPST	CCW	Includes Ground Screw



Actuators

Controls

MS3105 Zelix Sylk-Enable Damper Actuator

- Only communicating actuator to work with JADE
- Brushless DC submotor with electronic stall protection
- UL Listed (cUL), CE compliant and plenum rated per UL873
- For use in HVAC systems
- Direct-coupled
- 25 Second spring return



Honeywell

Part #	Mfg #	Actuator	Torque Rating	Supply Voltage	Spring Direction	Frequency
ACT00682	MS3103J1030	Damper	27 lb-in	24VAC/DC	By Orientation	50Hz/60Hz
ACT00683	MS3105J3030	Damper	44 lb-in	24VAC/DC	By Orientation	50Hz/60Hz
ACT00684	MS3105J3130	Damper	44 lb-in	24VAC/DC	By Orientation	50Hz/60Hz

Direct-Coupled Actuators

MS4209 Spring Return, Direct-Coupled Actuator

- For on and off damper control with integral junction box
- Accepts on and off signal from single-pole, single-throw (SPST) controller
- Designed to operate reliably in smoke control systems requiring UL
- UL555S up to 350°F
- 15 Second spring return timing
- 95° Angle of rotation
- Die-cast aluminum housing
- 80 lb-in Rated torque, 80 lb-in spring return torque, 240 lb-in maximum stall torque
- 80 lb-in Minimum driving torque at 350°F



Honeywell

Part #	Mfg #	Description
ACT00550	MS4209F1007	Replaces MI4105B1009, 120VAC +10%, -15%, CCW

Electric Actuators

M100 Series Electric Non-Spring Return Actuator

- Accurately position valves in HVAC and industrial applications
- 24VAC Power source



**Johnson
Controls**

Part #	Mfg #	Torque	Features	Auxiliary Switch
OPR00138	M150GGA-11	150 in - lb	Proportional	None



Actuators

M9106 Electric Non-Spring Return Actuator

- Used to position balancing, control, round and zone dampers in typical HVAC applications or to position blades in a VAV box
- Direct-mount, operates on 24VAC or VDC power
- Rotation range: adjustable from 30° to 90°, CW or CCW
- No auxiliary switches



Part #	Mfg #	Torque
CNT03665	ZDMTRAAL002	53 in - lb

M9220 Electric Spring Return Actuator

- Controls dampers and valves in HVAC systems
- Direct-mount, operate on 24VAC or VDC power
- Bi-directional, return-to-normal spring return
- Electronic stall detection
- Manual override



Part #	Mfg #	Torque	Features
ACT00528	M9220-HGA-3	177 in - lb	Proportional Control With Adjustable Zero & Span

VA7010 Electric Valve Actuator

- Provide two-position (open/closed) control
- Easily field mounted onto VG5000 series forged brass valves
- Manual position mode with lever
- Ambient operating temp: 35 °- 122°F



Part #	Mfg #	Description
ACT00461	VA-7010-8001	24VAC Electric On/Off actuator, 7 VA

Actuator Accessories

Linkage Repair Kit



Part #	Mfg #	Description
LNK00327	Y20EBD-3	Valve Linkage Kit for M150 Motor Actuator



Economizer Modules

Economizer Logic Modules

W7220 JADE™ Economizer Logic Module

- Input from DVC CO2 sensor provides optimum ventilation based on occupancy
- 24VAC; operates between -40°F to 150°F
- Includes discharge or mixed air sensor to control mixing dampers
- LCD Display



Part #	Mfg #	Description
CNT06555	W7220A1000	Economizer Logic Module

YL7220 Y-Pak Economizer Logic Module

- 7220A Input: W7220A1000 logic module, C7250A1001 OAT and MAT sensors and MS7503A2030 DCA OA
- 7220S Input: W7220A1000 logic module, C7400S1000 OAE sensor, C7250A1001 MAT sensor and MS7503A2030 DCA OA
- 24VAC
- Temperature operating range: -40°F to 150°F



Part #	Mfg #	Description
KIT16172	YL7220AJ3105	Y Pack, (2) Dry Bulb Sensors with Communicating 44 lb-in Actuator
KIT16173	YL7220SJ3103	Y Pack, Enthalpy Sensors with Communicating 27 lb-in Actuator

Duct Mounting Kit For Economizer Sensors

- For sensors C7400A200X, C7600A200X, C7400S and C7600S

Honeywell

Part #	Mfg #	Description
KIT16174	50053060-001	Duct Mounting Kit For Sensors, 5 Kits Per Unit Box

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Pressure Controls

Pressure Controls

P32A Sensitive Pressure Air Flow Switch

- Easy-to-read set point scale
- Versatile mounting
- Dust-tight SPDT snap switch
- Ambient temperature: -40°F to 167°F
- High pressure connectors are metal, 1/8" FNPT inside, 1/2" NPSM outside for mounting
- Low pressure connectors are molded, 1/8" FNPT
- Adjustable set point
- Used to sense air flow in ducts
- Maximum over-pressure at either connection: 1 psig
- Includes:
 - Mounting bracket
 - Side plate



Part #	Mfg #	Connection	Range	Sensitivity
SWT01999	P32DV-1C	6"	0.15 to 12 in wc	.07 in wc

Lube Oil Pressure Cutout Control (with Time Delay)

- Universal mounting wiring
- Trip-free manual reset
- Ambient compensated time delay
- Non-corrosive refrigerants
- Maximum allowable overrun pressure: 425 psig
- Time delay relay not field replaceable
- For use with:
 - Semi-hermetic compressors



Part #	Mfg #	Time Delay	Circuit Heater VAC	Factory Setting PSIG (kPa)	Pressure Connection
CNT03062	P45NCA-12C	120 Sec	120/240	9 (Fixed)	36" Cap, 1/4" Flare Nut

P70 Series - Single Pole Low Pressure Control

- Full adjustability through all pressure ranges
- Minimum differential
- Includes a universal mounting bracket
- For use with:
 - Air conditioning and refrigeration applications
 - Controls of air, water, and oil pressure



"All Range" for R-12, R-22, R134A, R-500, R-502 (R)

Part #	Mfg #	Switch Action	Range PSIG	Max Over-Diff PSI	Limited pressure PSIG	Knob Adj	Pressure Connection
CNT05253	P70AB-2C	SPST Open Low	20 to 100	7 - 50	325	Cut Out*	36" Cap, 1/4" Flr Nut

* Supplied, but not assembled



Pressure Controls

P70 Series - Single Pole High Pressure Control

- Full adjustability, minimum differential
- Long life contact structure, no bounce on make
- Manual reset models are "trip-free"
- Includes a universal mounting bracket
- For use with:
 - Air conditioning and refrigeration
 - Controls of air, water, and oil pressure



Condenser Fan Cycling Controls for R-12, R-22, R134A, R-500, R-502 (R)

Part #	Mfg #	Switch Action	Range PSIG	Max Over-Diff PSI	Limited pressure PSIG	Knob Adj	Pressure Connection
CNT05249	P70AA-118C	SPST Open Low	100 to 400	35 - 200	475	None	36" Cap, 1/4" Flr Nut

Models for High Pressure Non-Corrosive Refrigerants: R-12, R-22, R134A, R-500, R-502 (R)

Part #	Mfg #	Switch Action	Range PSIG	Max Over-Diff PSI	Limited pressure PSIG	Knob Adj	Pressure Connection
CNT01162	P70AA-2C	SPST Open Low	0 to 150	10 - 70	325	None	36" Cap, 1/4" Flr Nut
CNT06209	P70DA-400C	SPST Opens High	200 to 610	L/O Manual Reset	690	None	36" Cap, 1/4" Flr Ftg

P70 Series - Single Pole Dual Pressure Control

- Full adjustability
- Minimum differential
- Manual reset models are "trip-free"
- Includes a universal mounting bracket
- Pressure connector: 36" capillary with 1/4" flare nut

"All Range" for R-12, R-22, R134A, R-500, R-502 (R)

- SPST Switch action



Part #	Mfg #	Low Pressure Range PSIG	Low Pressure Diff PSIG	High Pressure Range PSIG	High Pressure Diff PSIG	Pressure Connection
CNT05258	P70LB-1C	20 to 100	6 - 50	100-500	Fixed Approx 65	36" Cap, 1/4" Flr Nut
CNT05260	P70MA-1C	20 to 100	6 - 50	100-500	Lockout Manual Reset	36" Cap, 1/4" Flr Nut



Pressure Controls

P74 Series - Differential Pressure Control

- Differential setting changed without removing cover
- Field proven Pennswitch with completely enclosed contact mechanism
- Includes a universal mounting bracket
- For use with:
 - Differential pressure sensing on chillers or water cooled condensers
 - Lube oil failure cutout for refrigeration compressors
 - Positioning M100 series motor actuated valves
 - Prove pump operation



Electrical Ratings

Motor Ratings VAC	120	208	240	277
AC Full Load Amps	6.0	3.4	8.0	-
AC Locked Rotor Amps	36.0	20.4	48.0	-
Non-Inductive or Resistance Load Amps (not lamp loads)	10.0	10.0	10.0	10.0

Pilot Duty - 125 VA, 120 to 277VAC

Brass Bellows

Part #	Mfg #	Switch Action	Range PSIG	Diff PSI	Pressure Connections
CNT03605	P74EA-8C	SPDT	2 - 26 Adj	3.5 Fixed	36" Cap, 1/4" Flare Nut

Commercial Temperature Sensors

C7250 Electronic 20k Temperature Sensor

- For sensing mixed or discharge air in roof top packaged air conditioning
- Operating temperature range: -40°F to 257°F
- Dimensions: 4.25"H x 2.17"W x .81"D



Part #	Mfg #	Description
SEN01945	C7250A1001	For Use with W7220 Economizer Controller

C7400 Enthalpy Sensor

- Senses temperature and humidity within 5% accuracy
- For use in outdoor air intakes of HVAC rooftop
- Operating temperature range: -40°F to 150°F

Part #	Mfg #	Description
SEN01944	C7400S1000	Enthalpy Sensor for use with W7220

Head Pressure Controls

Head Pressure Control Sensor Probe for Optional Heat Pump Bypass Control

- For use with ICM325H, ICM326H, ICM327H and ICM330



Part #	Mfg #	Description
SEN00864	ICM379	79", 70°-100°F (21°-38°C)



Temperature Controls

Temperature Controls

A11 Series - Low Temperature Cutout Control

- Snap-acting switch
- External temperature scale
- Easy set point adjustment with top or bottom access
- Ambient temperature of control: 0° - 140°F
- Maximum element temperature: 250°F
- For use with:
 - Low temp cutout for coils and/or pipe liquid sensing



Electrical Ratings

Motor Ratings VAC	120	208	240
AC Full Load Amps	16.0	9.2	8.0
AC Locked Rotor Amps	96.0	55.2	48.0
Non-Inductive or Resistance Load Amp (not lamp loads)	16.0	9.2	8.0

Pilot Duty - 125 VA, 24 to 277VAC

Part #	Mfg #	Switch Action	Range °F	Diff °F	Bulb & Capillary	Range Adjuster
THT02102	A11A-1C	SPST, Open Low	35° to 45°F	Manual Reset	20' of 1/8" Tubing, 4' Cap	Screwdriver Slot

A19 Series Temperature Control

- Constant differential through the entire range
- Compact enclosure
- Variety of sensing element styles
- Unaffected by cross ambient conditions
- Suitable for temperature control in heating, ventilating, and refrigeration



Wide Range - Adjustable Differential

Electrical Ratings

Motor Ratings VAC	120	208	240
AC Full Load Amps	16.0	9.2	8.0
AC Locked Rotor Amps	96.0	55.2	48.0
Non-Inductive Amps	22 A, 120 to 277VAC		

Pilot Duty - 125 VA, 24 to 600VAC

Part #	Mfg #	Switch Action	Range °F	Diff °F	Bulb & Capillary	Range Adjuster
CNT05185	A19ABA-40C	SPST, Open Low	-30° to 100°F	3° - 12°F	3/8" x 4", 6' Cap	Screwdriver Slot
THT02342	A19ABC-24C	SPDT	-30° to 100°F	3° - 12°F	3/8" x 4", 8' Cap	Convertible

Fixed Differential

Electrical Ratings

Motor Ratings VAC	120	208	240
AC Full Load Amps	6.0	3.4	3.0
AC Locked Rotor Amps	36.0	20.4	18.0
Non-Inductive Amps	10 A, 24 to 277VAC		

Pilot Duty - 125 VA, 24 to 277VAC



Part #	Mfg #	Switch Action	Range °F	Diff °F	Bulb & Capillary	Range Adjuster
CNT01648	A19AAF-12	SPDT	25° to 225°F	3-1/2°F	3/8" x 3", 10' Cap	Screwdriver Slot



Temperature Controls

Manual Reset

Electrical Ratings

Motor Ratings VAC	120	208	240
AC Full Load Amps	16.0	9.2	8.0
AC Locked Rotor Amps	96.0	55.2	48.0
Non-Inductive Amps	16.0	9.2	8.0

Pilot Duty - 125 VA, 24 to 600VAC



Part #	Mfg #	Switch Action	Range °F	Diff °F	Bulb & Capillary	Range Adjuster
CNT02239	A19ACA-14	SPST, Open Low	-30° to 100°F	Manual Reset	3/8" x 4", 6' Cap	Screwdriver Slot

A19 Series - Coiled Bulb Space Thermostat

- Wide temperature range
- Maximum bulb temperature: 140°F (60°C)
- NEMA 1 enclosure
- 1-3/8" x 2-1/4" Coiled bulb
- For use with:
 - Return air or space temperature sensing



Cooling

Electrical Ratings

Motor Ratings VAC	120	208	240
AC Full Load Amps	16.0	9.2	8.0
AC Locked Rotor Amps	96.0	55.2	48.0
Non-Inductive Amps	22 A, 120 to 277VAC		

Pilot Duty - 125 VA, 24 to 600VAC

Part #	Mfg #	Switch Action	Range °F	Diff °F	Bulb & Capillary	Range Adjuster
CNT05222	A19BBC-2C	SPDT	-30° to 100°F	3° to 12°F	1-3/8" x 2-1/4" Coiled	Convertible



Temperature Controls

Controls

A419 Series - Electronic Temperature Control with Display

- Single-stage SPDT output relay
- Displays temperature and other function status
- Set point range: -30° to 212°F
- Allows the user to quickly change set point, differential, and other functions
- Lockable front-panel touchpad
- High-impact thermoplastic
- A99 Sensor included with all models
- For use with:
 - Boiler control
 - Pump control for cooling towers
 - Compressor lockout (disables the compressor when temperature exceeds limits)
 - Condenser fan cycling
 - Space and return air temperature



Electrical Ratings

Applied Voltage	120V N.O. (N.C.)	208V N.O. (N.C.)	240V N.O. (N.C.)
Horsepower	1 (1/4)	1 (1/3)	1 (1/2)
Full Load Amps	16.0 (5.8)	9.2 (4.0)	8.0 (4.9)
Locked Rotor Amps	96.0 (34.8)	55.2 (24)	48.0 (29.4)
Non-Inductive Amps	15.0 (10)	10.0 (10)	10.0 (10)

Pilot Duty - 125 VA (N.O. contacts) @ 24 to 240VAC; 125 VA (N.C. contacts) @ 120 to 240VAC; 50 VA (N.C. contacts) @ 24VAC

Part #	Mfg #	Switch Action	Range °F	Diff °F	Bulb & Capillary	Range Adjuster
CNT05227	A419ABC-1C	SPDT	-30° to 212°F	1° to 30°F	0.5" x 2", 78" Cap	-

Remote Temperature Control

- Provide positive control of refrigeration applications where remote control is desired
- Hydraulic action element
- Adjustable element
- Temperature dial evenly calibrated in °F and °C
- Dustproof steel case with top and bottom knockouts
- Easy to wire screw terminals
- Bulb mounting clamp included with all models
- Bulb size: 5-1/4" x 3/8"



Part #	Mfg #	Temp Range	Differential	Switching	Capillary Length
CNT01677	1609-101	-30° to +90°F	Adj 3.5° - 40°F	Close on Rise	5'



Valves

Gas Valves & Connectors

Dormant 30 Series Connector

- Indoor/outdoor
- Corrugated, stainless steel connectors with special "Supr-Safe" design to increase flexibility
- 7/8" OD x 1/2" ID 1/2" MIP x 1/2" FIPT Connectors



Part #	Mfg #	Size
CON01079	30-3132-24	24"
CON01081	30-3132-36	36"
CON01082	30-3132-48	48"

Gas Ball Valve

- Meet ISO9000 quality standard
- AGA & CGA Certified

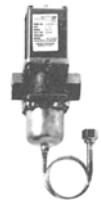


Part #	Mfg #	Description
VAL07419	92-3232	1/2" Gas Ball Valve

Water Regulating Valves

V46 Series - Pressure Actuated Water Regulating Valve

- No close fitting or sliding parts in water passages
- Minimizes chatter or water hammer
- Refrigerant adjustment is not affected by water pressure
- Range spring does not come in contact with cooling water
- 3/8", 1/2", 3/4" Valves may be disassembled and reassembled without detaching from the refrigeration system or without pumping down
- Threaded inlet and outlet
- All-range service
- Opening point range: 70 - 260 psig
- Pressure element style: 30" cap, 1/4" flare nut
- For use with:
 - Ice machines
 - Ice cream machines
 - Computer room air conditioning units
 - Refrigeration cases



Commercial Type, Standard Flow - Non Corrosive Refrigerant

Part #	Mfg #	Pipe Size (NPT)
VAL03610	V46AC-1	3/4"

Refrigeration Modulating Water Valve

- Two-way temperature actuated valve
- Can be used for heating applications
- Valve opens at increasing bulb temperature
- Pressure balanced valve design
- Angled body style

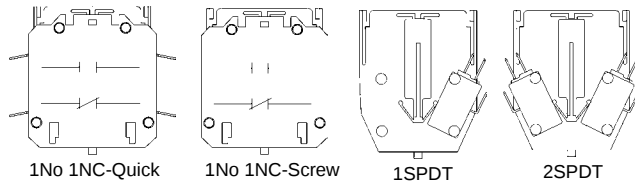


Part #	Mfg #	Size	Range in °C
VAL00592	V47AB-24	1/2"	24°C



Switches

Auxiliary Switches



Single Unit Interlock Auxiliary Switch with Quick Connects

- Contact configuration: 1 NO/1 NC break before make
- Termination: .250" quick connects

Part #	Mfg #	Description
SWT03534	HCC-Y1Z600VQ318	For 20A - 60A Contactors

Single Unit Interlock Auxiliary Switch with Screw Terminals

- Contact configuration: 1 NO/1 NC break before make
- Termination: #6-32 screw terminals

Part #	Mfg #	Description
SWT03536	HCD-Y1Z600VC318	For 75A - 90A Contactors

1-Switch SPDT Circuit Auxiliary Switch with Quick Connects

- Contact configuration: SPDT
- Termination: .250" quick connects

Part #	Mfg #	Description
SWT03533	HCC-Y1C300VQ318	For 20A - 60A Contactors
SWT03572	HCD-Y1C300VQ318	For 75A, 90A, and 120A Contactors

2-Switch SPDT Circuit Auxiliary Switch with Quick Connects

- Contact configuration: (2) SPDT
- Termination: .250" quick connects

Part #	Mfg #	Description
SWT03535	HCC-Y2C300VQ318	For 20A - 60A Contactors
SWT03573	HCD-Y2C300VQ318	For 75A, 90A, and 120A Contactors

Tech Tips

1. 20A, 25A and 30A contactors are all built on the same frame. Just keep the 30A on your truck to service all the models.
2. On applications where a 2-pole contactor has auxiliary switches, instead of trying to find the "special" model, just use a 3-pole model with auxiliary switches installed with no connections to the center contacts.
3. On some rooftops utilizing either a 75A or 90A contactor, aftermarket models will not fit in the limited space. Only the OEM contactor will work in these situations.

Definite Purpose Contactors

HCC Definite Purpose Contactors



1-Pole Contactor - Screw Termination

Part #	Mfg #	Poles	Amps	Volts
CTR02579	HCC-Y1XQ02AA318	1	30A	24V
CTR02574	HCC-Y1XQ04AA318	1	40A	24V

2-Pole Contactor

Part #	Mfg #	Poles	Amps	Volts
CTR02613	HCC-Y3AQ04EH	2	40A	24V

2-Pole Contactor - Box Lug Termination

Part #	Mfg #	Poles	Amps	Volts
CTR02597	HCC-Y2XQ04GG318	2	40A	24V
CTR02636	HCC-Y2XT04GG	2	40A	120V
CTR02637	HCC-Y2XU04GG	2	40A	208/240V

2-Pole Contactor - Screw Termination

Part #	Mfg #	Poles	Amps	Volts
CTR02573	HCC-Y2XQ02AA318	2	30A	24V
CTR02589	HCC-Y2XT02AA318	2	30A	120V
CTR02595	HCC-Y2XU02AA318	2	30A	208/240V
CTR02594	HCC-Y2XV02AA318	2	30A	277V
CTR02576	HCC-Y2XQ04AA318	2	40A	24V
CTR02600	HCC-Y2XT04AA318	2	40A	120V

3-Pole Contactor

Part #	Mfg #	Poles	Amps	Volts
CTR02623	HCD-Y3XT12JS318	3	120A	120V

3-Pole Contactor - Box Lug Termination

Part #	Mfg #	Poles	Amps	Volts
CTR02601	HCC-Y3XQ02CJ318	3	30A	24V
CTR02607	HCC-Y3XT02CJ318	3	30A	120V
CTR02577	HCC-Y3XQ04CJ318	3	40A	24V
CTR02578	HCC-Y3XT04CJ318	3	40A	120V
CTR02585	HCC-Y3XU04CJ318	3	40A	208/240V
CTR02590	HCC-Y3XQ05CJ318	3	50A	24V
CTR02588	HCC-Y3XT05CJ318	3	50A	120V
CTR02602	HCCY3XU05CJ318	3	50A	208/240V
CTR02581	HCC-Y3XQ06CJ318	3	60A	24V
CTR02582	HCC-Y3XT06CJ318	3	60A	120V
CTR02584	HCC-Y3XU06CJ318	3	60A	208/240V
CTR02591	HCD-Y3XQ07JS318	3	75A	24V
CTR02583	HCD-Y3XT07JS318	3	75A	120V
CTR02587	HCC-Y3XT09JS318	3	90A	120V

3-Pole Contactor - Reverse

- 2 Contactors connected by mechanical interlock

Part #	Mfg #	Poles	Amps	Volts
CTR02629	HCC-Y3XQ04TS318RA	3	40A	24V

3-Pole Contactor - Screw Termination

Part #	Mfg #	Poles	Amps	Volts
CTR02575	HCC-Y3XQ02AT318	3	30A	24V
CTR02580	HCC-Y3XT02AT318	3	30A	120V
CTR02586	HCC-Y3XU02AT318	3	30A	208/240V
CTR02593	HCC-Y3XQ04AT318	3	40A	24V
CTR02592	HCC-Y3XT05AT318	3	50A	120V
CTR02606	HCC-Y3XQ06AT318	3	60A	24V



Definite Purpose Contactors

Controls

Contactors

Emerson SureSwitch™ Relay

- Universal electronic upgrade for mechanical compressor contactors
- Replaces the function of a contactor and short-cycle timer
- Fits in the space of a traditional mechanical contactor
- 5x Contactor life
- Sealed to keep out ant and debris
- Microprocessor-controlled sealed compressor switching
- Compressor protected from brownouts and short cycling
- 5-Year warranty



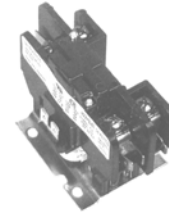
Part #	Mfg #	Line Voltage Input	Amps (FLA)	Pole
49P11-843	49P11-843	240VAC 50/60Hz	30A	1 or 1.5

One-Pole Definite Purpose Contactor (30A thru 40A)

WR/RBM Type 121

- Straight-through wiring, replaces 1-1/2 pole devices used primarily in residential central air conditioning
- Class B coils
- Temperature range: -40° to 150°F
- Made of close grain cast iron with lacquer finish

White
Rodgers



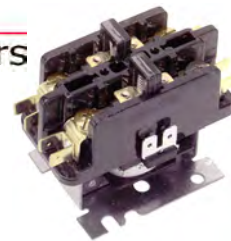
Part #	Mfg #	Amps	Voltage AC	Res DC OHMS	Current MA	Nominal VA	Max Inrush VA
CTR01097	94-388	30A	24VAC	7.6	340	8.2	40

Two-Pole Definite Purpose Contactor (30A thru 40A)

WR/RBM Type 122

- Low VA coil for cooler operation and increased life
- Universal mounting bracket fits existing mounting holes
- Double break contacts ensure positive make and break
- Screw terminals or pressure connectors and double 1/4" quick connect provided on all models for easy installation
- Temperature range: -40° to 150°F

White
Rodgers



30 Amp Models

40 Amp Models (with Cover)

Part #	Mfg #	Amps	Voltage AC	Res DC OHMS	Current MA	Nominal VA
CTR01091	90-244	30A	24VAC	11	250	6
CTR01094	90-247	40A	24VAC	11	250	6

Universal Upgrade for Mechanical Compressor Contactors

White
Rodgers

Part #	Mfg #	Description
KIT06839	21D02475	Ignition Control Adapter Kit- Includes Adapter Board, (2) Wire Harnesses, and Instruction Sheet
CNT03457	50N2495B1	Integrated Direct Spark Ignition Module, May Need Adapter Kit (KIT06839)

Disconnects

Circuit Breakers

Type FD Thermal-Magnetic with Non-Interchangeable Trip Units



Part #	Mfg #	Description
SWT01682	FD3150KLS08	600VAC, 250 VDC, 3-Pole

Disconnect Switches

DiversiTech Pull-Out Disconnect Switch

- Side opening door
- Line, load, and ground terminals aligned
- Reversible door
- Full dead front



Part #	Mfg #	Description
SWT02590	DDS-30	30A, Fused
SWT02591	DDS-60	60A, Fused
SWT02592	DDS-60U	60A, Non-Fused

Q0200TR Air Conditioning Disconnect

- 60A Molded case rated for 10 hp motors at 240VAC
- On-off circuit breaker type switch, no pullout heads
- (4) 1" Combination knockouts - (2) in back and (2) in bottom end wall
- Removable cover housing for open access to lugs



Part #	Mfg #	Description
SWT02425	Q0200TR	60A, Disconnect Switch

Three-Phase Disconnect

- Rainproof type 3R enclosure, 10" x 6" x 4"



Part #	Mfg #	Description
SWT02634	750-60NF-3PH	60A, Non-Fused

Fused Disconnects

Air Conditioning Disconnects - 2-Pole - Fused

- Pullout
- NEMA 3R Rainproof enclosure
- 120/240VAC



Part #	Mfg #	Description
SWT02412	DPF221R	30A, Metallic, Galvanized Steel Enclosure
SWT02413	DPF222R	60A, Metallic, Galvanized Steel Enclosure
SWT02416	ACD221RNM	30A, Non-Metallic, Polycarbonate Enclosure

Non-Fused Disconnects

Air Conditioning Disconnects - 2 Pole - Non-Fused

- Pullout
- NEMA 3R Rainproof enclosure
- 120/240VAC



Part #	Mfg #	Description
SWT02411	DPU222R	60A, Metallic, Galvanized Steel Enclosure

Shunt Trips



Part #	Mfg #	Description
SWT01992	SNT4LP11K	110/240VAC Shunt Trip for NZMLW/NLW

Defrost Controls

Defrost Controls

Defrost Timer

- Replacement for Trane 21C142827G01, CNT1152 and CNT1642 controls
- 18-30VAC
- Low cost, time and temperature defrost
- Time and temperature terminate
- Test pins reduce test times by 256X
- Frequency: 50/60Hz
- Outdoor fan relay output: 1/2A
- Defrost time: fixed 10 minutes
- Intervals between defrost: pin-selectable 50/70/90 minutes



Part #	Mfg #	Description
CNT03264	ICM316	240VAC Strip Heat, Reversing Valve

Oil Heat Controls

Oil Primary Controls

R7284 Electronic Oil Primary

- Selectable valve and blower delays
- Two line LCD display
- Interrupted and intermittent ignition



Honeywell

Part #	Mfg #	Description
CNT06397	R7284U1004	15 Second Safety Switch, Main Burner Junction Box Mounting

R8184G Protectorelay® Oil Burner Control

- Provides automatic, non-recycling control of an intermittent ignition oil burner system
- Low volt terminals, line volt lead wire connections and screw
- Intermittent ignition, safety switch
- 120V 60 Cycle or 110V 50 cycle
- Mount on 4" x 4" junction box or direct mount on burner housing
- With LED for lockout indication and manual trip lever on safety switch to assure burner shutdown during servicing
- C554 Cadmium sulfide flame detector and 24VAC thermostat required



Honeywell

Part #	Mfg #	Description
RLY02091	R8184G4009	45 Second Safety Switch



AC Power Supplies

Power Supplies

- A switch/circuit breaker is provided for each transformer and on "B10" models a switch/circuit breaker is present for controlling power for the entire unit
- Include one or two transformers pre-packaged in a metal enclosure and intended for mounting in the enclosure of the user's choice

Enclosed Single 100VA - Power Supply

- Secondary: 24VAC with LED Indicators
- 24VAC ON/OFF: switch/breaker (4A)
- Outputs:
 - (2) Outlets
 - (1) Auxiliary output wire
- Total combined output: 9A
- Class II UL listed, UL916, C-UL Canada
- Dimensions: 5.62"H x 6.25"W x 4.25"D



Controls

Part #	Mfg #	Transformer	Input Power	Breaker	Output
PWR00133	PSC100AB10	100 VA Split- Bobbin	120VAC	10A	9A

Surge Protector

- Single-phase
- 24,000A/240 Joules protection
- 120-240VAC
- Weatherproof housing



Part #	Mfg #	Description
CNT05269	ICM515	Surge Protector

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Relays

Controls

Delay Timers

ICM205 Delay On Break Timer

- 4-Terminal
- Brownout protection
- Compressor lockout/anti-short cycle timer
- Helps prevent scroll compressor reversal
- Input:
 - Voltage: 18 to 30VAC
 - 1.5A
 - 15A Inrush
 - Time delay: 5-minute fixed
- UL 873 Recognized as compressor controller



Part #	Mfg #	Description
TMR00163	ICM205	5 Minute Timer

Relays

Heavy-Duty WR/RBM Type 184 Enclosed Fan Relay

- Heavy-duty, general purpose, totally enclosed
- Operates in any position, plugs into receptacles
- For air conditioning, heating, appliances, fan control, general purpose switching
- Mechanical life (no load): 1,000,000 operations, 30/minute
- Frequency: 50/60Hz
- Temperature range: -40° to 150°F
- SPNO/SPNC - Isolated contacts
- SPDT - Single-pole double throw



Part #	Mfg #	Type	Coil Voltage (50/60Hz)	DC Res	Nom Current MA	Nom VA Sealed	Inrush VA
RLY02764	90-360	SPNO	24V	77	125	3	4
RLY01730	90-370	SPDT	24V	77	125	3	4
RLY01718	90-380	SPNO/SPNC	24V	77	125	3	4
RLY01719	90-382	SPNO/SPNC	120V	2,000	25	3	4

LonWorks® Enclosed Relay

- Twisted-pair FT-10 network enclosed
- One discrete output and input
- Override switch



RIBTW24SB-LNT2



RIBTW2401SB-LN

RIBTW2401B-LN



Part #	Mfg #	AC/DC	AC	Relays	Contacts	Motor
RLY03060	RIBTW2401SB-LN	24VAC/DC	120VAC	1	SPST	2 hp
RLY03236	RIBTW24SB-LNT2	24VAC/DC	-	1	SPST	2 hp
RLY03058	RIBTW2401B-LN	24VAC/DC	120VAC	1	SPDT	2 hp

Relays

Pilot Series, Enclosed Relay

- Packaged to save installer time, trouble & expense of buying separate components (relay, LED indicator, socket, mounting rail, transient protection, and housing)
- 10A Resistive
- UL Listed, C-UL Canada



Part #	Mfg #	AC/DC	AC	Relays	Contacts	Motor
RLY02547	RIBU1C	10 - 30VAC/DC	120VAC	1	SPDT	1/3 hp
RLY02548	RIBU1S	10 - 30VAC/DC	120VAC	1	SPST	1/3 hp
RLY02549	RIBU2C	10 - 30VAC/DC	120VAC	2	SPDT	1/3 hp
RLY02561	RIBH1C	10 - 30VAC/DC	208 - 277VAC	1	SPDT	1/3 hp
RLY02542	RIB2401D	24VAC/DC	120VAC	1	DPDT	1/2 hp

Pilot Series, Track Mount Relay

- 15A Resistive
- UL Listed, C-UL Canada
- Rated at 10 or 15A



Part #	Mfg #	AC/DC	AC	Relays	Contacts	Motor
RLY02590	RIBMU1C	10 - 30VAC/DC	120VAC	1	SPDT	1/3 hp
RLY02598	RIBMU1SC	10 - 30VAC/DC	120VAC	1	SPDT	1/3 hp

Pilot Series, T Style Relay

- 10A Resistive
- UL Listed, C-UL Canada



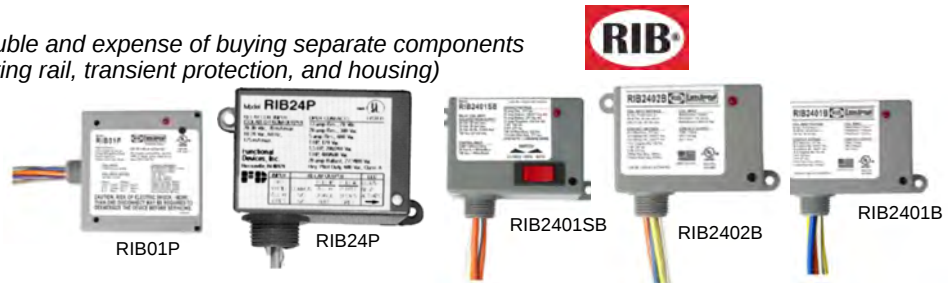
Part #	Mfg #	AC/DC	AC	Relays	Contacts	Motor
RLY02573	RIBTU1C	10 - 30VAC/DC	120VAC	1	SPDT	1/3 hp

Relays

Controls

Power Series, Enclosed Relay

- Packaged to save installer time, trouble and expense of buying separate components (relay, LED indicator, socket, mounting rail, transient protection, and housing)
- 20A Contact rating
- UL Listed, C-UL Canada



Part #	Mfg #	AC/DC	AC	Relays	Contacts	Motor
RLY02541	RIB2401B	24VAC/DC	-	1	SPDT	2 hp
RLY02543	RIB2401SB	24VAC/DC	-	1	SPST	2 hp
RLY02544	RIB24P	24VAC/DC	-	1	DPDT	3 hp
RLY02618	RIB2402B	24VAC/DC	-	1	SPDT	2 hp
RLY02620	RIB01P	120VAC	-	1	DPDT	3 hp

Power Series, T Style Relay

- Rated at 20A or 30A
- Packaged to save time and expense (relay, LED indicator, socket, mounting rail, transient protection, and housing)
- Enclosed relay
- Hi/low separation



Part #	Mfg #	AC/DC	AC	Relays	Contacts	Motor
RLY02642	RIBT24P	24VAC/DC	-	1	DPDT	7.5 hp

Two-Pole WR/RBM Type 91 Switching Relay

- 2-Pole double throw semi-enclosed relay
- For power or pilot duty, for vending machines, appliances, fan controls, heating & air conditioning applications, and general purpose switching
- Mechanical life (no load): 750,000 operations
- Frequency: 50/60Hz
- Fits receptacles
- Temperature range: -40° to 130°F



Part #	Mfg #	Coil Voltage (50/60Hz)	Switching	Terminals 1-2-3	Terminals 4-5-6	DC Res	Nom Current MA
RLY01710	90-341	115/120V	DPDT	Power	Power	400	66
RLY01711	90-342	208/240V	DPDT	Power	Power	1415	38

Relays

WR/RBM Type 84 Enclosed Fan Relay

- Totally enclosed
- Used for switching single or 2-speed fan motors, solenoids, relays, resistive loads & general purpose switching
- Mechanical life (no load): 1,000,000 operations, 60/minute
- Frequency: 50/60Hz
- Temperature range: -40° to 150°F
- SPNO - Single-pole normally open
- SPDT - Single-pole double throw

White
Rodgers



Part #	Mfg #	Type	Coil Voltage (50/60Hz)	DC Res	Nom Current MA	Nom VA Sealed	Inrush VA
RLY01703	90-290Q	SPNO	24V	90	125	3	4
RLY01706	90-293Q	SPDT	24V	90	125	3	4

Time Delay Relays



Part #	Mfg #	Description
RLY00585	AMS-AB1702	24VAC, 300 Sec
RLY00527	BLR115A11X420	115VAC, 420 Sec, Solid State, SPDT
RLY01611	HMP500C2X600-A H1101	24VAC, 600 Sec

Time Delay Relays - AC and HP Applications

- For A/C and HP applications in Trane air handlers
- UL Approved horsepower: 3/4 hp
- Pilot duty pole minimum: 3VA at 24VAC, maximum: 25V at 24VA
- Input: 24VAC nominal
- Total power consumption: 0.5VA (relay de-energized), 4.0VA (relay energized)



Part #	Mfg #	Contact Ratings	FLA	RLA	Resistive
RLY02807	57T01-001B1	25VA @24VAC Power/Pilot Pole, 2-Sec On-Delay	7A	36A	Includes PC Board
RLY03081	57T02-001B1	25VA @24VAC Power/Pilot Pole, 2-Sec On/45-Sec Off Delay	7A	36A	Includes PC Board

Time Delay Relay



Part #	Mfg #	Description
RLY03167	D155079P01	Relay-Time Delay



Current Sensors & Voltage Monitoring

Current Sensors

Enclosed Solid Core Sensor

- 10A Relay
- Adjustable 1.25-150A



Part #	Mfg #	Amp Range	Threshold	Relays	Contacts	Motor
RLY02552	RIBXLCRA	10 - 30A	Adjustable	1	SPDT	1/3 hp

Enclosed Split Core Switching AC Current Sensor

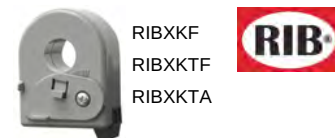
- Solid state SPST switch
- Output: 30VAC/DC, 4A maximum
- Temperature derating: 1 Amp up to 50°C, 0.5 Amp up to 60°C
- Maximum sense voltage: 600VAC
- UL Listed, UL916, UL864, C-UL, CE, RoHS
- Removable mounting tab provided for mounting
- Wire clamp locks against the load wire, securing the unit in place



Part #	Mfg #	Amp Range	Threshold	Relays	Output
SEN01261	RIBXGA	.75 - 150A	Adjustable	SPST	Wht/Yel 16" 18 AWG Wire Leads
SEN01264	RIBXGTFL	.75 - 150A	Fixed, .75A	SPST	Terminal Strip, Accepts #14-22 AWG Wire

Low Voltage Enclosed Solid Core AC Switching Current Sensor

- Solid state SPST switch
- Output: 30VAC/DC, 4A maximum
- Max sense voltage: 600VAC
- UL Listed, UL916, UL864, C-UL, CE, RoHS
- Removable mounting tab provided for mounting
- Wire clamp locks against the load wire, securing the unit in place



Part #	Mfg #	Amp Range	Threshold	Relays	Output
SEN01206	RIBXKF	25 - 150A	Fixed, .25A	SPST	Wht/Yel 16" 18 AWG Wire Leads
SEN01249	RIBXKTF	.25 - 150A	Fixed, .25A	SPST	Terminal Strip, Accepts #14-22 AWG Wire
SEN01343	RIBXKTA	.50 - 150A	Adjustable	SPST	Terminal Strip, Accepts #14-22 AWG Wire

Low Voltage Enclosed Split Core Switching AC Current Sensor

- Solid state SPST switch
- Output: 30VAC/DC, 4A maximum
- Maximum sense voltage: 600VAC
- UL Listed, UL916, UL864, C-UL, CE, RoHS
- Removable mounting tab provided for mounting
- Wire clamp locks against the load wire, securing the unit in place



Part #	Mfg #	Amp Range	Threshold	Relays	Output
SEN01260	RIBXGTF	.35 - 150A	Fixed, .35A	SPST	Terminal Strip, Accepts # 14-22 AWG Wire
SEN01265	RIBXGTA	.75 - 150A	Adjustable	SPST	Terminal Strip, Accepts #14-22 AWG Wire

Current Sensors & Voltage Monitoring

Panel Style Current Sensor with Relay

- Packaged to save installer time, trouble & expense of buying separate components (relay, LED indicator, socket, mounting rail, transient protection, and housing)



RIBX24SBF



RIBX24BA
RIBX24BF



RIBX24SBA

Controls

Part #	Mfg #	Amp Range	Threshold	Relays	Contacts	Motor	Coil Voltage
RLY02550	RIBX24BA	.50 - 20A	Adjustable	1	SPDT	2 hp	24VAC
RLY02551	RIBX24SBA	.50 - 20A	Adjustable	1	SPST	2 hp	24VAC
RLY02664	RIBX24BF	.50 - 20A	Fixed, .50A	1	SPDT	2 hp	24VAC
RLY02666	RIBX24SBF	.50 - 20A	Fixed, .50A	1	SPDT	2 hp	24VAC

Motor Protection Controls

ICM401 3-Phase Voltage Monitor

- Low cost 3-phase protection for single side
- Monitors for phase reversal, phase loss, unbalance % as a function of input voltage
- Bright LED indicators for ON and FAULT
- Epoxy encapsulated for moisture protection
- Voltage: 190 to 600VAC
- Frequency: 50/60Hz
- Control: 18-30VAC
- Output:
 - Relay: SPDT
 - Normally open: 10A



Part #	Mfg #	Description
MON00004	ICM401	3-Phase Voltage Monitor

Replacing old and deteriorating coils now can reduce downtime, restore lost energy efficiencies, and avoid increased operating costs.

Our technical expertise and extensive line of heating and cooling coils allows us to deliver:

- Direct replacement coils
- Dependable 4-hour quote time
- Commitment to 10-day standard lead time with optional expediting
- Variety of delivery options, including 24-hour cycles

Flow Switches

Flow Switches

F61 Series - Flow Switch (Standard Flow Rate - SPDT)

- Stainless steel paddle has three segments for use in pipes from 1 in. to 3 in. (25 mm to 75 mm) diameter
- Paddle segments can be removed or trimmed as needed
- F61KB-11 and F61MB-1 include a 6 in. (152 mm) paddle for pipes 4 in. to 6 in. (102 mm to 152 mm)
- Gold-plated contacts on F61MG-1 reduce intermittent contact problems in low voltage and low-current circuits
- Phosphor bronze bellows
- For use with:
 - Lines carrying water or ethylene glycol
- Not for use with:
 - Hazardous fluids or in hazardous atmospheres



Electrical Ratings	120 VAC	208 VAC	240 VAC	277 VAC
Horsepower	1	1	1	-
Full Load Amps	16.0	9.2	8.0	-
Locked Rotor Amps	96.0	55.2	48.0	-
Non-Inductive Amps	16	16	16	16

Pilot Duty - 125 VA, 24/277VAC

Part #	Mfg #	Dimensions H x W x D	Enclosure NEMA Type	Maximum Liquid Pressure	Liquid Temp
SWT00698	F61KB-11C	8-3/8" x 4" x 2-13/16"	1	150 psig	32° to 250°F
SWT01945	F61MB-1C	8-11/16" x 4-51/64" x 2-13/16"	3R	150 psig	-20° to 250°F



Commercial Digital Thermostats

Commercial Proportional Thermostats

ZonePRO® Commercial Modulating/Floating Control Thermostat

- For use with low-voltage pressure-dependent VAV applications and hydronic perimeter heating/cooling and bypass box with or without reheat
- Temperature range: 50°F to 95°F
- Wall mount
- 24VAC, 50/60Hz
- Dimensions: 4-3/4"H x 2-3/4"W x 1"D

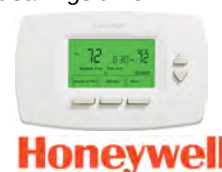


Part #	Mfg #	Description
THT02719	TB6980A1007	ZonePRO Floating Control Thermostat, 0.5A Max @ 24VAC Output Signal, (2) Additional Outputs (1 Analog/TRIAC, 1 TRIAC)
THT02571	TB6980B1006	ZonePRO Floating Control Thermostat, 0.5A Max @ 24VAC
THT02573	TB7980A1006	ZonePRO Modulating Control Thermostat, 0 - 10 VDC or 2 - 10 VDC Output Signal, (2) Additional Outputs
THT02574	TB7980B1005	ZonePRO Modulating Control Thermostat, 0 - 10VDC

Programmable Commercial Thermostats

MultiPRO™ 7000 7-Day Programmable Thermostat

- Large, backlit display shows the current and set temperature and time
- Real-time clock keeps time during power failures and automatically updates to daylight savings time
- Menu-driven programming
- Battery replacement reminder
- Holiday override option allows program schedule override
- Same-schedule programming
- 24VAC Electrical connection or battery
- Dimensions: 3-3/4"H x 8"W x 1-3/8"D



Part #	Mfg #	Stages	Programs	Notes
THT02768	TB7100A1000	2 Heat/1 Cool	7-Day	Heat Pump, Fan Coil & PTAC Systems

SuitePRO® Digital Residential/Light Commercial Fan Coil Thermostat

- Manual control of system operation, fan speed, and temperature set point adjustment
- VersaSpeed™ Fan ramp algorithm automatically adjusts fan speed
- Optional freeze protection feature that turns on heat, if necessary
- Activity sensing algorithm sets back thermostat to economy mode
- Auto fan reset option sets back fan to auto mode
- Energy savings input configurable as a normally open or normally closed dry contact
- Proportional plus integral (P+I) control algorithm for precision temperature regulation
- Adjustable deadband, in auto changeover mode, for heat and cool control
- Installer setup mode allows changes of operating parameters
- EEPROM Permanently retains user settings during power loss (no batteries required)
- Capability to display temperature sensor failure for easier troubleshooting



Part #	Mfg #	Description
THT02767	TB8575A1000	3-Speed, 2 or 4 Pipe Manual/Auto Heat/Cool Changeover, Supply Voltage: 20/30VAC 50/60Hz
THT02765	TB6575A1000	3-Speed, 2 or 4 Pipe Manual/Auto Heat/Cool Changeover, Supply Voltage: 120/240VAC 50/60Hz

Remote Temperature Controls

Commercial Remote Temperature Controls

T775 Commercial Solid State Electronic Remote Temperature Controller

- With platinum sensor
- Set point range: -40°F to 248°F
- Differential temperature: 1°F to 150°F
- Heat or cool
- 24/120/240VAC, 50/60Hz



T775A,B,M,P,R,L,U

T775S

Honeywell

Part #	Mfg #	Control Mode	Temp Inputs	Relay Outputs	Notes
CNT05930	T775A2009	SPDT	1	1	Replaces T775A1001
CNT05087	T775B2024	SPDT 4 Enclosure	2	4	Includes: T775-SENS-WR (1) NEMA
CNT05076	T775B2032	SPDT	2	2	Includes: 50021579-001 Sensor
CNT05077	T775B2040	SPDT	2	4	Replaces T775A1027/A1035 B1018/B1026/B1042/B1042
CNT05086	T775B2016	SPDT	2	2	Includes: T775-SENS-WR (One)
CNT05091	T775L2007	SPDT	2	4	50021579-001 (1)
CNT05078	T775M2006	Modulating-NEMA 1	2	0	50021579-001 (1)
CNT05089	T775M2014	SPDT	2	4	Includes: T775-SENS-WR(One)
CNT05088	T775M2022	SPDT	2	2	Includes: T775-SENS-WR (One)
CNT05931	T775M2030	SPDT, Modulating No Reset	2	4	50021579-001 (1) Replaces: T775E1114 T775F1022; T775F1055; T775F1089
CNT05079	T775M2048	SPDT	2	2	Replaces:T775E1015/E1023/ E1056/E1064/E1098
CNT05090	T775P2003	SPDT	3	4	50021579-001 (Three)
CNT05085	T775R2019	SPDT	2	4	Includes: 50021579-001 (Two)
CNT05084	T775R2001	SPDT	2	4	Includes: 50021579-001 (Two)
CNT05083	T775R2027	SPDT	2	2	Replaces T775J1043/J1050/J1068
CNT05081	T775R2035	SPDT	2	2	50021579-001 (2)
CNT05082	T775R2043	Reset	2	0	Replaces T775J1019/J1027/J1035
MOD01656	T775S2008	SPDT	0	4	None
CNT05092	T775U2006	Universal	2 SPDT	2 (B for reset only)	Replaces H775A1006, H775A1022, H775A1048, H775A1063, H775B1005, H775C1004, H775D1003, H775E1002

Residential Digital Thermostats

Pro1 Thermostats

- Separate heating and cooling swing adjustments
- Battery or 24V power
- 5-Year warranty

T600 Thermostat Models

- Electric or gas configurable
- Separate B & O terminals
- Room temperature display
- Easy wire color coded terminal blocks
- Universal sub-base
- Mounts on wall or junction box



T601



T601-2



T605-2

Part #	Mfg #	Stages	Programs	Description
THT03015	T601	1 Heat/1 Cool	Non-programmable	Single-Stage
THT03016	T601-2	1 Heat/1 Cool	Non-programmable	Single-Stage, 2" Backlight Display
THT03017	T605-2	1 Heat/1 Cool	5+1+1	Single-Stage, 2" Backlight Display

T700 Thermostat Models

- Blue backlight with glow-in-the-dark light button
- Easy access battery compartment
- Electric or gas configurable
- Simple private label badge system
- Separate B & O terminals
- Separate heating and cooling swing adjustments
- Easy wire color coded terminal blocks
- Room temperature calibration adjustment
- 5-Minute compressor delay protection
- Universal sub-base
- Mounts on wall or junction box



T705/T715/T725



T755/ T755H



T701

Part #	Mfg #	Stages	Programs	Description
THT03020	T701	1 Heat/1 Cool	Non-programmable	Single-Stage
THT03021	T705	1 Heat/1 Cool	5+1+1	Single-Stage
THT03024	T725	2 Heat/1 Cool	5+1+1	Heat Pump
THT03026	T755H	3 Heat/2 Cool	5+1+1 or Non-programmable	Universal

Residential Digital Thermostats

Controls

T800 Thermostat Models

- Blue backlight with glow-in-the-dark light button
- Easy access battery compartment
- Extra large, easy-to-read temperature display
- Electric or gas configurable
- Separate B & O terminals
- Easy wire color coded terminal blocks
- Room temperature calibration adjustment
- 5-Minute compressor delay protection
- Universal sub-base
- Mounts on wall or junction box
- Auto changeover



Part #	Mfg #	Stages	Programs	Description
THT03029	T801	1 Heat/1 Cool	Non-programmable	Single-Stage
THT03030	T805	1 Heat/1 Cool	5+1+1	Single-Stage
THT03031	T855	2 Heat/2 Cool	7-Day or 5+1+1	Universal

T900 Touchscreen Thermostat Models

- Blue backlight and glow-in-the-dark light button
- Auto changeover
- Easy access battery compartment
- Electric or gas configurable
- Filter change indicator
- Simple private label badge system
- Keypad lockout
- Separate B & O terminals
- Easy wire color coded terminal blocks
- Room temperature calibration adjustment
- 5-Minute compressor delay protection
- Universal sub-base
- Mounts on wall or junction box



Part #	Mfg #	Stages	Programs	Description
THT03033	T915	2 Heat/2 Cool	7-Day or 5+1+1	Multi-Stage
THT03034	T925	3 Heat/2 Cool	7-Day or 5+1+1	Heat Pump
THT03035	T955	3 Heat/2 Cool	7-Day, 5+1+1 or Non-programmable	Universal



Residential Digital Thermostats

PRO[®] IAQ

Controls

**HEAVY DUTY THERMOSTATS EXCLUSIVELY FOR
THE PROFESSIONAL HVACR CONTRACTOR**



WIRELESS OPTION

Completely wireless control.



ONE SIZE

Interchangeable subbases make the installer's job easy.



LARGE DISPLAY

Pro1 offers the largest displays by class.



PRIVATE LABEL

The removable badge system is free and easy!

Residential Digital Thermostats

Controls

T631W-2 Wireless Thermostat

- Includes wireless base module
- Separate B & O terminals
- Room temperature calibration adjustment
- Easy wire color coded terminal blocks
- 5 Minute compressor delay protection
- Universal sub-base
- Mounts on wall or junction box



Part #	Mfg #	Stages	Programs	Description
THT03019	T631W-2	1 Heat/1 Cool	Non-programmable	Heat Pump

T955W Wireless Touchscreen Thermostat Models

- 13" Touchscreen display with blue backlight and glow-in-the-dark light button
- Set dual fuel balance points
- Connects up to 4 indoor remotes (R251W)
- Connects to outdoor remotes (R250W)
- Auto changeover
- Programmable fan
- Electric or gas configurable
- Heating and cooling setpoint limit
- Room temperature calibration adjustment
- 5 Minute compressor delay protection
- Mounts on junction box



Part #	Mfg #	Stages	Programs	Description
THT03036	T955W	3 Heat/2 cool	7-Day, 5+1+1 or Non-programmable	Universal
THT03037	T955WH	3 Heat/2 cool	7-Day, 5+1+1 or Non-programmable	Universal with Humidity Control



Residential Digital Thermostats

70 Series® Single-Stage Thermostats

- 24VAC Fossil fuel or electric heat or heat pump compatible
- 1.2" Square LCD backlit screen
- Selectable Celsius or Fahrenheit temperature display
- Includes B/O terminals
- Cool-off-heat system switches
- Auto-on fan switches
- Horizontal dimensions: 3.75"H x 5.1"W x 1.1"D
- Vertical dimensions: 5.3"H x 3.25"W x 1.1"D



Controls

Part #	Mfg #	System	Program Options	Additional Applications	Power Source	Terminal Designations	Description
THT02246	1F78-144	Sgl-Stg, HP	Non-Prog	mV	Battery	RC,RH,W,Y,G,O,B	Horiz
THT02358	1F78-144DPL	Sgl-Stg, HP	Non-Prog	mV	Battery	RC,RH,W,Y,G,O,B	Horiz, Dealer Private Label Program Eligible
THT02247	1F78-151	Sgl-Stg, HP	5+2	mV	Battery	RC,RH,W,Y,G,O,B	Horiz
THT02359	1F78-151DPL	Sgl-Stg, HP	5+2	mV	Battery	RC,RH,W,Y,G,O,B	Horiz, Dealer Private Label Program Eligible
THT02668	1E78-140	Heat Only	Non-Prog	mV	Battery	RH,W	Vertical
THT02489	1E78-144	Sgl-Stg, HP	Non-Prog	mV	Battery	RC,RH,W,Y,G,O,B	Vertical
THT02492	1E78-144DPL	Sgl-Stg, HP	Non-Prog	mV	Battery	RC,RH,W,Y,G,O,B	Vertical, Dealer Private Label Program Eligible
THT02490	1E78-151	Sgl-Stg, HP	5+2	mV	Battery	RC,RH,W,Y,G,O,B	Vertical

70 Series® Staging Thermostats

- 24VAC Fossil fuel or electric heat or heat pump compatible
- 1.2" Square LCD backlit screen
- Selectable Celsius or Fahrenheit temperature display
- Includes B/O terminals
- Electronic accuracy
- Hardwired models with battery backup
- Permanent program retention during power loss



Part #	Mfg #	System	Program Options	Additional Applications	Power Source	Terminal Designations
THT02300	1F79-111	Heat Pump	Non-Prog	2H/1C HP	Hardwire	R,C,Y,W2,G,O/B,L,E



Residential Digital Thermostats

Controls

80 Series® Blue 2" Thermostats

- 2" Wide LCD lighted screen
- Fossil fuel or electric heat compatible
- Dual powered, choice of battery or hardwired for all applications
- Easy push-connect color coded terminals
- Cool Savings™
- Dimensions: 3.8"H x 4.8"W x 1.5"D
- Classic white color
- 5-Year warranty



Part #	Mfg #	System	Program Options	Additional Applications	Power Source	Terminal Designations	Description
THT02812	1F86-0244	1H/1C	Non-Prog	mV	Battery/Hardwire	R,C,W,Y,G,O/B	
THT02817	1F86-0244DPL	1H/1C	Non-Prog	mV	Battery/Hardwire	R,C,W,Y,G,O/B	Dealer Private Label Program
THT02813	1F89-0211	2H/1C HP	Non-Prog	--	Battery/Hardwire	R,C,W2,Y,G,O/B,L	
THT02808	1F89-0211DPL	2H/1C HP	Non-Prog	--	Battery/Hardwire	R,C,W2,Y,G,O/B,L	Dealer Private Label Program
THT02810	1F80-0261	1H/1C	5+1+1	mV	Battery/Hardwire	R,C,W,Y,G,O/B	
THT02820	1F80-0261DPL	1H/1C	5+1+1	mV	Battery/Hardwire	R,C,W,Y,G,O/B	Dealer Private Label Program

80 Series® Blue 4" Single-Stage Thermostats

- Gas, oil, electric
- Universal dual powered, choice of battery-powered or hardwired with permanent memory retention
- 4" Square blue-lit LCD display
- Configuration menu allows keypad selection of options
- Selectable energy management recovery (1F80-0471)
- Auto changeover
- Dimensions: 3.4"H x 4.4"W x 1.2"D
- Includes F61-2634 wall plate
- Classic white color
- 5-Year warranty



Part #	Mfg #	System	Program Options	Additional Applications	Power Source	Terminal Designations	Description
THT02602	1F80-0471	1H/1C	5+1+1,5+2,0	3w Zn,mV	Battery/Hardwire	RC,RH,C,W,Y,G,O/B	
THT02601	1F86-0471	1H/1C	Non-Prog	3w Zn,mV	Battery/Hardwire	RC,RH,C,W,Y,G,O/B	
THT02630	1F86-0471DPL	1H/1C	Non-Prog	3w Zn,mV	Battery/Hardwire	RC,RH,C,W,Y,G,O/B	Dealer Private Label Program



Residential Digital Thermostats

80 Series® Blue Universal Staging Thermostats

- Universal staging provides single-stage, multi-stage 2 heat/2 cool, heat pump 3 heat/2 cool
- 4" Square blue-lit LCD display
- Auto changeover
- Universal dual powered, choice of battery-powered or hardwired with permanent memory retention
- Cool Savings™
- Power monitor
- Dimensions: 3.9"H x 5.1"W x 1.2"D
- Includes F61-2634 wall plate
- Classic white color
- 5-Year warranty



Controls

Part #	Mfg #	System	Program Options	Power Source	Terminal Designations
THT02738	1F85-0422	2H/2C	5+1+1,5+2	Battery/Hardwire	RC,RH,C,G,W/E,W2,Y,Y2,O/B,6,L
THT02739	1F83-0422	2H/2C	Non Prog	Battery/Hardwire	RC,RH,C,G,W/E,W2,Y,Y2,O/B,6,L

80 Series® Multi-Stage Thermostats

- Permanent program retention during power loss
- 1.8" Lighted display
- Soft-touch keypad
- Air filter change indicator
- Permanent memory backup
- Dimensions: 3.8"H x 6.1"W x 1.1"D
- Classic white color
- Suffix: S1 = Single pack 1/box



Part #	Mfg #	System	Program Options	Additional Applications	Power Source	Terminal Designations	Description
THT02797	1F89-211DPL*	2H/1C HP	Non-Prog	HP	Battery/Hardwire	R,C,W2,Y,G,O/B,L	Dealer Private Label Program
THT02268	1F89-211S1	2H/1C HP	Non-Prog	HP	Hardwire	R,C,W2,Y,G,O/B,L	

*System switches also include Em



Residential Digital Thermostats

Controls

80 Series® Single-Stage Thermostats

- Fossil fuel or electric heat compatible
- 2.2" Lighted display
- 3-3/4"H x 6"W x 1-1/4"D
- Permanent memory back-up



White
Rodgers

Part #	Mfg #	System	Program Options	Power Source	Terminal Designations	Description
THT02520	1F80-361	1H/1C	5+1+1	Battery/Hardwire	RC,RH,C,W,Y,G,O,B	
THT02524	1F80-361DPL	1H/1C	5+1+1	Battery/Hardwire	RC,RH,C,W,Y,G,O,B	Dealer Private Label Program
THT02559	1F86-344	1H/1C	Non-Prog	Battery/Hardwire	RC,RH,C,W,Y,G,O,B	
THT02525	1F86-344DPL	1H/1C	Non-Prog	Battery/Hardwire	RC,RH,C,W,Y,G,O,B	Dealer Private Label Program

80 Series® Universal Staging Thermostats

- Universal staging provides single-stage, multi-stage 2 heat/2 cool, heat pump 3 heat/2 cool
- 2.2" Lighted display
- Auto changeover
- Permanent program retention during power loss
- Configuration menu allows keypad selection of options
- Meets Energy Star specifications
- Gas, oil, electric
- Dimensions: 6.1"H x 3.8"W x 1.1"D
- Classic white color



White
Rodgers

Part #	Mfg #	System	Program Options	Power Source	Terminal Designations
THT02432	1F85-277	Universal	7-Day,5+1+1,0	Battery/Hardwire	R,C,E/W1,W2,G,Y1,Y2,O,B,L

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Residential Digital Thermostats

90 Series® Blue 6" Easy Reader

- Universal staging provides single-stage, multi-stage up to 2 heat/2 cool, heat pump 4 heat/2 cool
- Programming provides choice of 7-day or non-program, installer selectable
- Large 6" square blue-lit LDC display with easy to read character size
- Large one-button/one-function keys
- Hardwired or battery powered with power stealing assist, permanent memory
- Meets ENERGY STAR® specifications
- 3-Wire zone valve
- Energy management recovery
- Daylight savings adjustment
- Dual fuel capable with Smart Fuel™ Logic program (no outdoor sensor required)
- Dimensions: 4.2"H x 6.4"W x 1.7"D
- Classic white



Controls

Part #	Mfg #	System	Program Options	Power Source	Terminal Designations
THT02795	1F95EZ-0671	4H/2C	Universal	Battery/Hardwire	RC,RH,C,W/E,W2,Y,Y2,G,O/B,6,L

90 Series® Blue Touchscreen Thermostats

- Universal staging provides single-stage, multi-stage 2 heat/2 cool, heat pump 3 heat/2 cool
- Universal programming provides choice of 7-day, 5+1+1 or non-programmable, installer selectable
- Large 12" square blue-lit touch-screen display
- Audible feedback
- Universal dual powered, choice of battery-powered or hardwired with battery back-up
- Meets ENERGY STAR® specifications
- Energy management recovery
- Total or partial key pad lockout selectable
- Permanent memory backup
- Gas, oil, electric, millivolt
- Remote sensing indoor/outdoor
- Programmable fan
- Circulator fan cycling
- Auto daylight savings options
- Dual-fuel heat pump control (1F95-1277)
- Patented cool savings
- Enhanced security settings
- 3-Wire zone valve
- Dimensions: 4-9/16"H x 5-13/16"W x 1-3/16"D
- Classic white
- 5-Year warranty



Part #	Mfg #	System	Program Options	Power Source	Terminal Designations
THT02657	1F95-1277	3H/2C	Universal	Battery/Hardwire	RC,RH,C,W/E,W2,Y,Y2,G,O,B,6,L,+,S,-
THT02658	1F97-1277	1H/1C	Sgl Stage	Battery/Hardwire	RC,RH,C,W,Y,G,L,O,B,L,6,+,S,-

Residential Digital Thermostats

Controls

T8775 The Digital Round® Electronic Non-Programmable Thermostats

- Attractive styling complements any decor
- Large easy-to-read display. The temperature reading is easily seen from a distance
- Backlit display
- Setpoint temperature held permanently in memory in the event of power failure
- Powered through heating-cooling system controls
- 24VAC Gas or oil
- System and fan switches on the T8775C model
- Manual changeover from heat to cool on T8775C model
- Easy installation and set up
- Easily configurable by the use of DIP switches
- Fahrenheit or Celsius temperature
- Selectable heating cycle rates (1, 3, 6, 9 CPH) for a variety of applications
- Cooling cycle rate is fixed at 3 CPH (standard compressor setting)
- Minimum off-time for the compressor in the cooling mode. Protects and extends the life of the equipment
- Decorative cover plate is available to cover marks on the wall or to mount thermostat to an electrical box
- Premier White®



Part #	Mfg #	Stages	Terminals	Notes
THT02598	T8775A1009	1-Stage Heat Only	R,Rc,W,Y,G,O,B	Gas or Oil; 2-Wire
THT02475	T8775C1005	1 Heat/1 Cool Heat Pump	R,Rc,W,Y,G,O,B	No Aux Heat, Manual Changeover

FocusPRO® 5000 Non-Programmable Digital Thermostats

- Electronic control of 24VAC, heating and cooling systems or 750mV heating systems
- Clear, backlight display
- Precise comfort control +/- 1°F of your set temperature
- Temperature control range stops
- Soft-key, simplified controls
- Battery door flips out without disassembling thermostat
- Automatic/manual selectable changeover
- Dual-powered, battery or hardwired
- Built-in compressor protection: minimum-off timer protects compressor from restarting too early after a shutdown
- Temperature range:
 - Heat: 40° to 90°F
 - Cool: 50° to 99°F
- Dimensions: 3-7/16"H x 4-1/2"W x 1-5/16"D
- Premier White®



Part #	Mfg #	Stages	Terminals
THT02487	TH5110D1006	1 Heat/1 Cool	R,Rc,C,W(O/B),Y,G



Residential Digital Thermostats

FocusPRO® 6000 5+2 or 5+1+1 Day Programmable Digital Thermostats

- Selectable to 5-1-1 (weekdays, Saturday, Sunday) or 5-2 (weekdays, weekend) programmable thermostat
- Large, clear, backlit display - easy to read in various lighting conditions
- Precise comfort control (+/-1 F) - maintains consistent comfort to the highest level of accuracy
- Simplified programming and operation
- Battery door flips out without disassembling thermostat
- Built-in, pull-out instruction manual
- Adaptive Intelligent Recovery™ Ensures programmed temperature is reached by programmed time
- Temperature range stops to prevent user from setting temperature too high or too low
- Temperature range:
 - Heat: 40° to 90°F
 - Cool: 50° to 99°F
- Dimensions: 3-9/16"H x 5-13/16"W x 1-1/2"D
- Premier White®
- 5-Year warranty



Part #	Mfg #	Stages	Terminals
THT02512	TH6110D1021	1 Heat/1 Cool	Rc,R,W(O/B),C,Y,G
THT02626	TH6320U1000	2H/2C Conv, 3H/2C Heat Pump	Rc,R,W(O/B),W2(AUX/E),Y,Y2,G,L,C

PRO® 3000 Basic Non-Programmable Digital Thermostats

- Electronic control of 24VAC, heating and cooling systems or 750mV heating systems
- Digital backlight display
- Precise comfort control (+/-1°F)
- Easy slide switches allow selection of heat or cool mode & fan operation
- Manual changeover
- Dual-powered, battery or hardwired
- Temperature range:
 - Heat: 40° to 90°F
 - Cool: 50° to 99°F
- Dimensions: 3-13/16"H x 5-3/8"W x 1-1/4"D
- Premier White®



Part #	Mfg #	Stages	Terminals	Notes
THT02576	TH3210D1004	2 Heat/1 Cool	R,Y,AUX,E,G,O,B,L,C	Conv Heat Pump



Residential Digital Thermostats

Controls

PRO® 4000 5+2 Day Programmable Digital Thermostats

- Electronic control of 24VAC, heating & cooling systems or 750mV heating systems
- Weekday/weekend programming to fit your lifestyle
- Clear, backlight display
- Precise comfort control +/- 1°F of your set temperature
- Easy slide switches allow selection of heat or cool mode, and fan operation
- Dual-powered, battery or hardwired
- Manual changeover
- Built-in, pull-out instruction manual
- Adaptive Intelligent Recovery™ Ensures programmed temperature is reached by programmed time
- Temperature range:
 - Heat: 40° to 90°F
 - Cool: 50° to 99°F
- Dimensions: 3-13/16"H x 5-3/8"W x 1-1/4"D
- Premier White®



Honeywell

Part #	Mfg #	Stages	Terminals
THT02577	TH4110D1007	1 Heat/1 Cool	Rc,R,W,Y,G,O,B,C

Prestige® HD Comfort System Thermostats

- Up to 3 heat/2 cool heat pump or up to 2 heat/2 cool conventional
- Powered by RedLINK™ reliability
- High definition (HD) color touchscreen thermostat
- Large, back-lit high-definition color display shows current indoor temperature, humidity, temperature setting, date & time on the home screen; Also displays outdoor temperature & humidity on home screen (if wireless outdoor sensor is installed)
- Automatic daylight savings update
- Auto or manual changeover
- Change reminders for air filter, humidifier pad, ultraviolet bulb and batteries in connected devices
- 7-Day multiple day programming or non-programmable
- Humidity & dehumidity control
- 24VAC Hardwired only
- Arctic white
- Requires common wire



Honeywell

Part #	Mfg #	Stages	Program
THT02998	THX9321R5030	3 Heat/2 Cool	7-Day or Non-Programmable



Residential Digital Thermostats

Prestige® IAQ Comfort System Thermostats

- 4 Heat/2 cool heat pump or up to 3 heat/2 cool conventional
- Powered by RedLINK™ reliability
- Wireless outdoor sensor
- Large, back-lit color display shows current indoor temperature, humidity, temperature setting, date & time on the home screen (also displays outdoor temperature & humidity on home screen if wireless outdoor sensor is installed)
- Automatic daylight savings update
- Auto or manual changeover
- Change reminders for air filter, humidifier pad, ultraviolet bulb and batteries in connected devices
- 7-Day multiple day programming or non-programmable
- Humidity & dehumidity control
- 18 - 30VAC
- Arctic white



Controls

Part #	Mfg #	Stages	Program
THT02999	YTHX9321R5079	4 Heat/2 Cool	7-Day or Non-Programmable

SimpleComfort® Thermostats

SimpleComfort® Single-Stage Heat/Cool or Heat Pump Non-Programmable Thermostat

- Compatible with standard 24VAC heating/cooling systems or single-stage heat pumps
- Manual changeover
- Millivolt compatible
- Zoning system compatible
- Precise temperature sensing
- Large LCD backlit display
- Integral 5-minute anti-short cycle protection
- Compatible with gas, oil, or electric systems
- Low temperature protection



Part #	Mfg #	Stages	Programs	Notes
THT02682	SC2000L	1 Heat/1 Cool	Non-Programmable	RC, RH, W, Y, O, B, G, Battery Powered
THT02728	SC2001L	1 Heat/1 Cool	Non-Programmable	R, C, W, Y, O, B, G, Hardwired

Don't see a thermostat you are looking for? We carry complete lines from heating only thermostats all the way up to Wi-Fi ready connected thermostats.



Residential Digital Thermostats

Controls

SimpleComfort® 2-Stage Heat Pump Non-Programmable Thermostat

- Compatible with standard 2-stage heat/ 1 stage cool heat pump only
- Manual changeover
- Zoning system compatible
- Precise temperature sensing
- Large LCD backlit display
- Integral 5-minute anti-short cycle protection
- Cool-off-heat emergency system switch
- Status indicator LED's
- 4- or 5-Wire compatible
- Visual low battery indication



Part #	Mfg #	Stages	Programs	Notes
THT02736	SC2201L	2 Heat/2 Cool	Non-Programmable	R, C, Y1, W2, O, B, G, E, Hardwired

SimpleComfort® 3-Stage Heat/2-Stage Cool or Heat Pump Non-Programmable Thermostat

- Compatible with standard 24VAC systems heating/cooling systems or heat pump
- Manual changeover
- Adjustable minimum/maximum setpoint
- Field temperature calibration
- Large LCD backlit display
- Check filter indicator
- Status indicator LED's



Part #	Mfg #	Stages	Programs	Notes
THT02818	SC2211L	3 Heat/2 Cool	Non-Programmable	R, C, Y1, Y2, W2, W3, O, B, G, E, L, Hardwired

VisionPRO® IAQ Total Home Comfort System

- Provides control of temperature, humidification, dehumidification and ventilation
- Up to 2 heat/2 cool stages convention, up to 4 heat/2 cool in heat pump mode
- Selectable auto or manual changeover
- Large, clear display with backlit shows the current and set point temperature & time
- Touchscreen interaction
- Common wire powering
- Manual or auto changeover selectable
- Real-time clock keeps time during power failures and automatically updates to daylight savings
- Change/check reminders for servicing/replacing filters
- Controls dehumidification using air conditioner with high or low speed fan or a whole house dehumidifier
- Controls ventilation with other HRV, ERV or fresh air damper
- Advanced heat pump control features balance point plus 2°F drop



Part #	Mfg #	Description
THT02617	YTH9421C1002	TH9421C1004 VisionPRO IAQ Thermostat, THM5421C1008 Equipment Interface Module



Residential Digital Thermostats

Wireless Heat and Cool Thermostats

FocusPRO® Wireless Thermostat Kit

- Powered by RedLINK™ reliability
- Can display outdoor temperature and humidity
- 1-Year battery life, 2-month low battery warning
- Includes:
 - Wireless FocusPRO®
 - 5+1+1 Programmable thermostat
 - Equipment interface module (THM5320R1000)
 - Return air sensor (C7735A1000)
- Connect to internet with RedLINK™ gateway



Controls

Part #	Mfg #	Description
KIT15293	YTH6320R1001	Wireless FocusPRO Kit

Personal Comfort Station™

- Works in both zoned and non-zoned applications
- Powered by RedLINK™ reliability
- Built in pager with an audible noise helps locate the device in the home
- Battery powered
- Touchscreen interface with backlit display
- Can display outdoor temperature and humidity



Part #	Mfg #	Description
CNT05214	REM5000R1001	Portable Comfort Station Control, RedLINK™ Enabled

Wireless FocusPRO® Thermostat

- Compatible with gas, oil, electric, heat pump, forced warm air, hot water, steam or gravity
- Easily add a zone to a TrueZONE™ system without running new wires
- Powered by RedLINK™ reliability
- No interference with other wireless devices in the home
- Works with compatible RedLINK™ enabled devices
- Same great features of the FocusPRO® thermostat now wireless
- Installs in minutes
- Can display outdoor temperature and humidity (if wireless outdoor sensor is installed)
- Battery powered only
- 1-Year battery life, 2-month low battery warning
- Premier White®



Part #	Mfg #	Stages	Program
THT02753	TH6320R1004	3 Heat/2 Cool	5+1+1 or 5-2 Day Programmable



Residential Digital Thermostats

RedLINK™ connects.



Connect to your customers with RedLINK™ products and accessories.

Honeywell is committed to connecting contractors to their customers, and connecting those customers to ideal comfort. With our complete line of RedLINK™ Wireless Comfort Systems and accessories everyone's satisfied. Your customers get complete control of their heating and cooling systems while you enjoy simple installation, increased add-on sales and an overall improved bottom line. It's all included in the RedLINK connection. ***After all, comfort is found in your connection.***

Honeywell



Scan this code and try our apps for Total Connect Comfort Services.

Find out more by contacting your Honeywell representative or visit www.forwardthinking.honeywell.com.
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Residential Digital Thermostats

Wireless Thermostat Accessories

RedLINK™ Internet Gateway

- Provides remote access to any RedLINK® enabled thermostat through the internet, smart phone, or tablet
- Includes 3' ethernet cable and plug-in power adapter
- Operating temperature: 32° to 120°F



Part #	Mfg #	Description
CNT06691	THM6000R1002	Up to 4 Heat/2 Cool Heat Pumps

RedLINK™ Wireless Indoor Air Sensor

- Used to change the sensing location of the thermostat
- Works with RedLINK™ 2.0 thermostats
- Sense temperature and humidity remotely
- Control temperature and humidity in separate locations
- Humidify and dehumidify in separate locations
- Up to (6) wireless sensors per thermostat
- Dimensions: 2-7/8"H x 1-7/8"W x 15/16"D
- Operating temperature: 0° to 120°F
- Includes:
 - (2) AAA Batteries
 - Mounting hardware



Part #	Mfg #	Description
SEN01990	C7189R1004	RedLINK™ Wireless Indoor Sensor

Wireless Outdoor Temperature Sensor

- Powered by RedLINK™ reliability
- No interference with other wireless devices in the home
- Reliable performance in all climates
- Installs in minutes
- Up to 5-years battery life, 2-month low battery warning
- Battery warning displayed on RedLINK™ enabled thermostats
- Includes (2) AA Lithium batteries and mounting hardware



Part #	Mfg #	Description
SEN01627	C7089R1013	Wireless Outdoor Sensor, Senses Outdoor Temperature and Humidity, RedLINK™



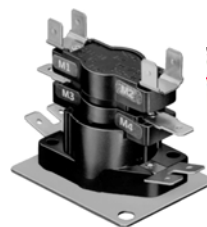
Residential Mechanical Thermostats

Controls

Electric Heat Sequencers

24A34 Electric Heat Sequencer

- Direct replacement for most fan/heat sequencing functions
- Ambient rated from -50° to 165°F
- 24V Input control
- Double quick connect terminals for combo loads
- Multi-poise mounting
- UL Component recognized



24A34-3

White
Rodgers

Part #	Mfg #	Timings	Switches	Timings On Main (Sec)	Timings On Aux (Sec)	Timings Off Main (Sec)	Timings Off Aux (Sec)
TMR00111	24A34-1	1	1	1-20	-	40-110	-
TMR00099	24A34-3	1	2	1-20	1-20	40-110	40-110
TMR00100	24A34-4	1	2	30-90	30-90	1-30	1-30
TMR00101	24A34-5	2	3	1-110	1-110	1-110	1-110
TMR00102	24A34-6	2	4	1-110	1-110	1-110	1-110

Trane Radiant Sense to Flame Sense Board Kit

- Includes:
 - Flame sensor
 - Wiring harness
 - Literature
 - Wiring diagrams
 - Warning labels
 - 1-Stage control and cover

White
Rodgers

Part #	Mfg #	Description
KIT09660	21D55-486	Radiant Sense to Flame Sense Board Kit

Single-Stage Low Voltage Thermostats

Economy Mechanical Thermostat

- Bi-metal thermometer
- 4-1/2" x 4-1/2" Grey wallplate not included
- Temperature range: 50° - 90°F



White
Rodgers

Part #	Mfg #	Application	Switching	Color	Terminals
THT02275	1C26-101	Heat/Cool 3-Wire Zone Valve Snap Action	SPDT	Classic White	RC/RH/W/Y/G/O/B/A



Residential Mechanical Thermostats

Mercury-Free Low Voltage Thermostat

- For 24VAC or millivolt application
- Universal replacement single stage
- Heat only
- Snap-action contacts
- 3-Wire zone valve
- Includes limited range locking kit



White
Rodgers

Part #	Mfg #	Type	Terminals	Switching	Style	Color
THT02712	1E30N-910	Heat Only	3-Wire Zone Valve	None	Vertical	White

Universal Single-Stage Mechanical Replacement Thermostat

- Mercury free
- 24V Replacement for hundreds of White-Rodgers and competitive models installed during the past 50-years
- Same footprint as older models with updated styling
- Enclosed contacts for increased reliability and accuracy
- Heat/cool with heating or cooling 3-wire zone mounting plate included
- Bilingual packaging (English/Spanish)
- 5-Year warranty



White
Rodgers

Part #	Mfg #	System	Applications	Style	Color	Terminals
THT02711	1E56N-444	1 Heat/1 Cool	24V, mV, 3wZn	Vertical	White	RC,RH,W,Y,G,O,B,A
THT02710	1F56N-444	1 Heat/1 Cool	24V, mV, 3wZn	Horizontal	White	RC,RH,W,Y,G,O,B,A

T87K, T87N Non-Programmable Thermostats - The Round®

- Mercury free
- Provides electronic control of 24VAC heating and cooling systems
- Separate temperature setting and thermometer
- Classic twist dial
- Manual changeover
- Battery assisted power stealing
- Setting temperature range: 40° to 90°F
- Premier White®

Honeywell



T87K1007



T87N1000

Part #	Mfg #	Stages	Terminals	Dimensions
THT02569	T87K1007	Heat Only	R, W, Y	3-11/16" Dia x 1-3/4"D
THT02616	T87N1000	1 Heat/1 Cool Conv & Heat Pump	R,Rc,W,Y,G,O,B	3-11/16" Dia x 1-3/4"D

Thermostat Guards & Accessories

Thermostat Guards

Plastic Thermostat Guard

- F29-0198 will accept all White-Rodgers thermostats
- Can be mounted vertically or horizontally
- Clear plastic
- Includes:
 - (2) Keys
 - Ring and/or solid wall mounting plate

F29-0198

White
Rodgers



Part #	Mfg #	Description
GRD01151	F29-0198	Ring Inside: 8-1/8" x 4-5/8" x 3-5/8", Solid Inside: 8-1/4" x 5-3/8" x 3-1/2"
GRD01012	F29-0227	Ring Inside: 5-1/4" x 4-5/8" x 3-1/4", Solid Inside: 5-1/4" x 4-5/8" x 3"

Thermostat Cover Plate for FocusPRO® & PRO® Series

- Medium cover plate: 5"H x 6-7/8"W
- Large cover plate: 6"H x 8-5/16"W
- Premier White®

Honeywell



Part #	Mfg #	Description
COV03908	50002883-001	(1) Medium & (1) Large Cover Plate, Bracket for J-Boxes & Hardware for FocusPRO® 6000/5000, PRO® 4000/3000

Wall Plates

- Insulating foam gasket
- Hidden mounting screws
- Designed to work with ICM's 1000, 2000, and 3000 series thermostats

ICM
CORPORATION



Part #	Mfg #	Size
PLT04490	ACC-WP03	5-3/4" x 7-1/2"

Condensate Controls

Heat/Cool Dryout Thermostat

- Can be used for low ambient cutoff switches
- Fixed setpoint

ICM
CORPORATION



Part #	Mfg #	Description
THT02386	SC060	60°F Heat, 2-Wire
THT02388	SC065	65°F Heat, 2-Wire

Thermostat Accessories

Remote Sensor

- For use with T755S thermostat



Part #	Mfg #	Description
SEN02032	R250S	Outdoor Slab Remote Sensor
SEN02034	R251S	Indoor Temperature Remote Sensor

Wireless Repeater® Wireless Extender

- Extends wireless range



Part #	Mfg #	Description
CNT06735	W150W	For use with T955W(H), R250W, R251W

Wireless Wire® Base Module

- Replaces 25V wire
- Input module: 7 terminal inputs and 2 terminal outputs
- Output module: 7 terminal outputs and 2 terminal inputs



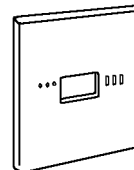
Part #	Mfg #	Description
CNT06736	WW160W	Includes Both Input Base Module and Output Base Module

Wall Cover Plates

Wall Cover Plates

- 4-3/4"H x 7-5/8"W
- White

White
Rodgers



Part #	Mfg #	Description
PLT03658	F61-2500	For Use with *1F80 (Except Blue) Series Thermostats

*Includes adapter for mounting to horizontal or vertical junction box

Cover

White
Rodgers

Part #	Mfg #	Description
COV02677	F16-5833	Assembly Replacement Cover

Smoke Detectors

Carbon Monoxide Detectors

Carbon Monoxide Detector

- Easy access to test/reset button
- 85 dB Horn
- UL Listed
- CSA Approved



Part #	Mfg #	Description
SEN02075	CD-9000-C	Battery Operated

SI-710 Carbon Monoxide Duct Detector Kit

- Provides early detection of carbon monoxide in air moving through the HVAC duct supply, return, or both in commercial, industrial, or residential applications
- Included MSR-50CO remote accessory can be used to provide audible and visual alarm indication
- Can detect four levels of carbon monoxide
- Will shut down the AHU to prevent the spread of harmful gas to occupied space in the event that dangerous levels of CO are detected
- 6-Year life in normal environmental conditions



Part #	Mfg #	Description
SEN01949	SL-701	Carbon Monoxide Detector Kit

Carbon Dioxide Sensors

Duct Mount CO2 Sensor

Honeywell

- Non-Dispersion-Infrared (NDIR) technology used to measure carbon dioxide gas
- SPST Relay output
- Automatic Background Calibration (ABC) algorithm based on long-term evaluation reduces required typical zero-drift check

Part #	Mfg #	Description
SEN01782	C7232B1030	Duct Mount Co2 Sensor less Display, (1) Relay Output

Smoke Detectors

Carbon Monoxide and Smoke Detector

- Easy access to test/reset button
- 85 dB Horn
- UL Listed
- CSA Approved



Part #	Mfg #	Description
SEN02073	USI-7795	Ionization Smoke, Carbon Monoxide Alarm, Hard Wired
SEN02074	CD-9775-C	Ionization Smoke and Carbon Monoxide Alarm, Battery Operated

RT-3000 Duct Smoke Detector

- Weathertight NEMA 4X rating, corrosion resistant
- 180° Visibility for indicators with cover on
- Patented cover tether retains the one-piece cover at unit
- Flashing LED on detector head
- Compatible with building automation and fire alarm systems
- Interconnect up to 30 units for common function
- Two sets of 10A form "C" alarm contacts
- One set of 10A form "C" trouble contacts
- One set of 10A form "A" alarm contacts and one set of 7A form "B" trouble contacts for FACU interface



Part #	Mfg #	Description
SEN01786	RT-3000-P	Outdoor Photoelectric: 230VAC, 115VAC, 24VAC, 24VDC

Don't forget your smoke detector!
NFPA90A as well as the international mechanical code require smoke detectors on systems 5 tons or 2,000 cfm and larger. Check local codes for details.

Smoke Detectors

SL-2000 Duct Smoke Detector

- Low-flow technology: both ionization and photoelectric models listed for velocities between 100- 4000ft/min
- Operating voltages: 230VAC, 115VAC, 24VAC, 24VDC
- Interconnect up to 30 units for common functions
- Patent pending "test port valve" allows for aerosol smoke testing without cover removal
- Instantaneous cover removal trouble indication
- Staggered terminal blocks for easier wiring
- True front loading sampling tubes
- Flashing LED on detector head indicates normal operation
- Magnet test capability (magnet included)
- More wiring space than competitive models
- Footprint allows retro-fit in many applications without additional drilling
- Over 15 remote accessories available
- Compatible with the WP-2000 weatherproof enclosure
- Reset switch is also an alarm test switch - competitive models require a magnet or cover removal



Part #	Mfg #	Description
SEN01783	SL-2000-N	4-Wire Ionization
SEN01784	SL-2000-P	4-Wire Photoelectric

SM-501 Duct Smoke Detector

- For high temperature applications
- Interconnect up to 30 units for common functions
- UL, CUL, CSFM & MEA Listed compact size
- Two sets of 10A form "C" alarm contacts
- One set of 10A form "C" trouble contacts
- Rugged steel back box with clear cover
- Compatible with the WP-1 weatherproof enclosure
- Easy retro-fit/upgrade of existing RW series detectors
- Clear cover fitted with 4 captive screws
- Large terminal connection screws
- Interchangeable "plug-in" photoelectric or ionization heads
- Easy mounting without cover removal
- Advanced detector head design yields internal dust filtering with no additional screens or filters to clean



Part #	Mfg #	Description
SEN01837	SM-501-N	Ionization: 230VAC, 115VAC, 24VAC, 24VDC

Smoke Detector Accessories

Advanced Remote Accessories

- Available as single gang remote indicator/control, or with the addition of a single gang strobe assembly
- Tri-color visual indication of detector pilot, trouble, and alarm conditions
- Lever-operated quick-connect "no-tools" terminal block
- Port for plugging in the optional strobe assembly

MSR-50 Series Advanced Remote Accessories

- MSR-50RM Provides a hidden magnet test switch and pushbutton reset
- MSR-50RK Provides a key-operated detector test and reset function



Part #	Mfg #	Description
PLT04562	MSR-50RK/R	Remote Controller with Key-Operated Detector Test & Red Face Plate
PLT04563	MSR-50RK/R/A	Remote Controller, Double Gang with Key-Operated Detector Test, Enhanced Audio Sounder, & Red Face Plate
PLT04564	MSR-50RK/R/AV	Remote Controller, Double Gang with Key-Operated Detector Test, Audio Visual Combination, & Red Face Plate
PLT04565	MSR-50RM/R	Remote Controller with Hidden Magnet Test, Pushbutton Reset & Red Face Plate
PLT04566	MSR-50RM/R/A	Remote Controller, Double Gang with Hidden Magnet Test, Pushbutton Reset, Enhanced Audio Sounder, & Red Face Plate
PLT04567	MSR-50RM/R/AV	Remote Controller, Double Gang with Hidden Magnet Test, Pushbutton Reset, Audio Visual Combination, & Red Face Plate

MSR- 100 Series Advanced Remote Accessories

- Key operated detector test and reset function
- Buzzer silence function, with silenced indication and "ring back" following condition correction
- Selectable audible indication of alarm, trouble, or both



Part #	Mfg #	Description
PLT04835	MSR-100R/R	Remote Controller, Single Gang, Key-Operated Test & Red Face Plate
PLT04640	MSR-100RAV/W/C	Remote Controller, Double Gang with Enhanced Sounder & Strobe Assembly, White Face Plate & Opaque Lens

Smoke Detectors

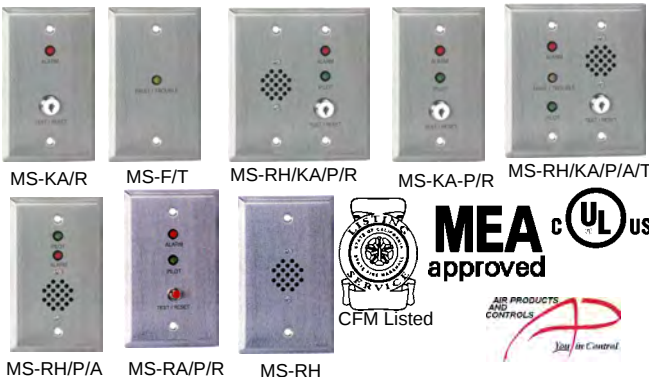
MSR-AV Terminal Series Single-Gang AV Notification Device

- Private mode audible and visual alarm notification
- Polarized terminal blocks for 24VDC connection



Part #	Mfg #	Description
PLT04781	MSR-AV/T/W/O	Audio Visual Combo Sounder with LED Strobe, White Plate, Opaque Lens

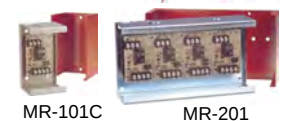
MS Series Remote Accessories



Part #	Mfg #	Description
ALM00011	MS-KA/R	Remote Alarm LED (Red) & Key-Operated Test/ Reset Switch
ALM00015	MS-RH/KA/P/R	Remote Alarm Horn, Alarm LED (Red), Pilot Led (Green) & Key-Operated Test/Reset Switch
ALM00012	MS-KA-P/R	Remote Alarm LED (Red), Pilot LED (Green) & Key-Operated Test/Reset Switch
ALM00014	MS-RH/P/A	Remote Alarm Horn, Alarm LED (Red) & Pilot LED (Green)
ALM00016	MS-RH-KA/P/A/T	Remote Alarm Horn, Alarm LED (Red), Trouble Led (Yellow), Pilot LED (Green) & Key-Operated Test/Reset Switch
ALM00010	MS-RA/P/R	Remote Alarm Pilot LED (Green) Alarm LED (Red) Push Button Test/Reset
ALM00013	MS-RH	Buzzer

Multi-Voltage Control Relay

- Ideal for applications where local contacts are required for system status, remote contacts for control of electrical loads and general purpose switching
- A single relay may be energized from a voltage source of 24VDC, 24VAC, 120VAC, 230VAC
- Each relay position contains a red LED, which indicates the relay coil is energized
- 10A Resistive contacts
- DC Polarized
- 0.16 Contact horsepower



Part #	Mfg #	Description
RLY03525	MR-101C	SPDT, Grey, 1-Position
RLY03511	MR-201/C	DPDT, Grey, 1-Position
RLY03512	MR-201/C/R	DPDT, Red, 1-Position

Replacement Head For Smoke Detector

- Ionization model listed for velocities between 0-2,000 ft/min.
- Photoelectric model listed for velocities between 0-3,000 ft/min
- Listed for high-temperature applications



Part #	Mfg #	Description
CNT06101	55000-225APO	Ionization Replacement Smoke Detector Head
CNT06102	55000-328APO	Photoelectric Replacement Smoke Detector Head

Sampling Tube for SL-2000 & RT-3000 Series



Part #	Mfg #	For Duct Widths:
TUB13067	Fastube	(3) Pieces of 2' Sampling Tube

Test Gas

- Standard test gas with spray nozzle
- Includes nozzle for test port



Part #	Mfg #	Description
TOL03385	TG-2000	For SL- & RT-Series

Transformers

Transformers

- Class 2 UL 5085-3 listed, C-UL, CE, RoHS
- Split-bobbin construction



TR20VA001 TR40VA001
TR40VA004 TR50VA001
TR50VA005 TR50VA009



TR100VA004 TR75VA001
TR75VA002 TR75VA005
TR100VA001



TR50VA015



TR75VA004

Part #	Mfg #	VA Rating	Primary Wires	Mounting Hub	Over Current Protection
TRR01958	TR20VA001	20VA	120VAC To 24VAC	Sngl Thrd	Inherently Limited
TRR01961	TR40VA001	40VA	120VAC To 24VAC	Sngl Thrd	Inherently Limited
TRR01964	TR40VA004	40VA	277/240/208/120VAC To 24VAC	Dual Thrd	Inherently Limited
TRR01968	TR50VA001	50VA	120VAC To 24VAC	Sngl Thrd	3 Amp Fuse
TRR01972	TR50VA005	50VA	120VAC To 24VAC	Sngl Thrd	Circuit Breaker
TRR01976	TR50VA009	50VA	240/208/120VAC To 24VAC	Dual Thrd	Circuit Breaker
TRR02013	TR50VA015	50VA	480/277/240/208/120VAC To 24VAC	Sngl Thrd	Circuit Breaker
TRR01977	TR75VA001	75VA	120VAC To 24VAC	Sngl Thrd	Circuit Breaker
TRR01978	TR75VA002	75VA	120VAC To 24VAC	Dual Thrd	Circuit Breaker
TRR01979	TR75VA004	75VA	480/240/208/120VAC To 24VAC	Sngl Thrd	Circuit Breaker
TRR01980	TR75VA005	75VA	480/240/208/120VAC To 24VAC	Sngl Thrd	Circuit Breaker
TRR01982	TR100VA001	100VA	120VAC To 24VAC	Sngl Thrd	Circuit Breaker
TRR01984	TR100VA004	100VA	480/277/240/120VAC To 24VAC	Dual Thrd	Circuit Breaker

AT120A/AT140A/AT150A/AT175A Class 2 General Purpose Transformer

- Color-coded leadwire for primary connections
- 9" Leads (primary)
- Screw terminal (secondary)
- UL Listed, CSA certified



AT120A/AT140A

Honeywell

Part #	Mfg #	Output (100 % Factor)	Primary Voltage @ 60Hz	Mounting
TRR01194	AT120A1004	20VA	120/208/240V	Univ Mnt (Plate, Foot & K/O)
TRR01196	AT140A1018	40VA	120/208/240V	Univ Mnt (Plate, Foot & K/O)

AT150F/AT175F Circuit Breaker Transformer

- 9" Leads on primary and secondary
- Includes circuit breaker button
- UL Listed, CSA certified



Honeywell

Part #	Mfg #	Output (100 % Factor)	Primary Voltage @ 60Hz	Mounting
TRR01217	AT150F1022	50VA	120/208/240V	Conduit & Foot Mount
TRR01218	AT150F1030	50VA	208/277/480V	Conduit & Foot Mount
TRR01219	AT175F1023	75VA	120/208/240V	Conduit & Foot Mount

Transformers

Foot-Mount (Open Construction)

White
Rodgers

Part #	Mfg #	VA	Hertz	Primary	Connections	Sec	Connections
TRR01010	90-T40F3	40	50/60Hz	120/208/240V	Leads	24V	Leads
TRR01011	90-T50F3	50	50/60Hz	120/208/240V	Leads	24V	Leads

Transformers

AT72 NEMA Standard Transformer

- 24V Control circuit step-down transformer designed to power any 24V control system, including thermostats, gas valves and relays
- NEMA Type D, meets 'NEC Class 2 Not Wet, Class 3 Wet' and UL 1585 requirements
- Color-coded leadwire for primary connections
- 9" Leadwire (primary), (2) screw terminal secondary
- Combination mount can be foot-mounted, plate-mounted on 4 x 4", 4" octagon or 2" x 4" electrical boxes (transformer all above or 3/4 above plate) or clamp-mounted via a junction box knockout

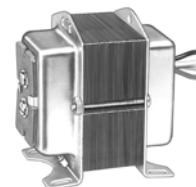


Honeywell

Part #	Mfg #	Output (100%Factor)	Primary Voltage @ 50/60 Hz	Secondary Voltage (Open Circuit)	Mounting
TRR01209	AT72D1683	40VA	120V	26.5	Combination
TRR01210	AT72D1691	40VA	208/240V	26.5	Combination

AT87 NEMA Standard Transformer

- Used primarily for powering 24V air conditioning circuits
- Overload protection provided
- Color-coded leadwire for primary connections
- 12" Leads, energy limiting overload protection (primary/secondary)
- NEMA Type E, meets NEC Class 2 Not Wet, Class 3 Wet and UL 1585 requirements

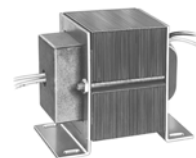


Honeywell

Part #	Mfg #	Output (100%Factor)	Primary Voltage @ 50/60 Hz	Secondary Voltage (Open Circuit)	Mounting
TRR00744	AT87A1189	48VA	277V	26.5	Foot

AT88 Transformer

- Powers 24VAC air conditioning circuits
- Meets NEC Class 2 Not Wet, Class 3 Wet and UL 1585 requirements
- Overload protection provided
- Color-coded leadwire for primary connections
- 12" Leadwire (primary/secondary)
- Internally fused secondary for overload protection



Honeywell

Part #	Mfg #	Output (100%Factor)	Primary Voltage @ 50/60 Hz	Secondary Voltage (Open Circuit)	Mounting
TRR01232	AT88A1005	75VA	120V	26.5	Foot
TRR01214	AT88A1021	75VA	208/240V	26.5	Foot
TRR00747	AT88A1047	75VA	208/240V	26.5	Foot



Dampers

Zone Control Dampers

Automatic Round Damper

- Galvanized steel, single-blade damper
- Side or top motor mount
- Used with Honeywell zoning systems
- 24V, 60Hz, 2-Position motor type, (2) wires to motor


Honeywell

Part #	Mfg #	Size
DMP02850	ARD8	8"
DMP02845	ARD10	10"
DMP02846	ARD12	12"
DMP02847	ARD14	14"

Round Modulating Damper

- Power open and closed by a bi-directional motor
- Motorized bypass or zone damper, modulating damper
- Screw terminals
- Used with Honeywell zoning systems
- 24VAC, 60Hz


Honeywell

Part #	Mfg #	Size
DMP03025	MARD8	8"
DMP03020	MARD10	10"
DMP02873	MARD12	12"
DMP02874	MARD14	14"

Static Pressure Regulating Damper

- Single-blade, steel barometric damper
- Counter-balanced weighted arm to control bypass air for zoned systems


Honeywell

Part #	Mfg #	Size	Shape
DMP02879	SPRD8	8"	Round
DMP02875	SPRD10	10"	Round
DMP02876	SPRD12	12"	Round
DMP02877	SPRD14	14"	Round

Fresh Air Ventilators

Y8150 Fresh Air Ventilation System

- "Set it and forget it" program calculates needs based on square feet and number of rooms, etc.
- Operates a fresh air intake damper and when necessary activates the main HVAC blower to efficiently meet ASHRAE ventilation rates
- Includes W8150A fresh air ventilation control, EARD6 normally closed 6" damper, AT120B 120VAC/24VAC 20VA transformer, mounting hardware, homeowner information label
- 5-Year warranty

Honeywell


	Description
KIT14660 Y8150A1009	50 to 160 CFM Fresh Air Ventilation System



Zoning Panels

Zone Panels

TrueZONE™ Panel

- Universal application
- Robust push terminals
- Common-sense LED's
- Clean, professional installation
- Smaller footprint
- Auto changeover
- Variable-speed fan control
- Discharge air temperature compatible
- Resettable fuse
- Individual zone fan control



Part #	Mfg #	Description
PNL25781	HZ311	1 Heat/1 Cool Conv Single-Stage Up to 3 Zones
PNL25785	HZ322	2 Heat/2 Cool Conv or Heat Pump, 3-Zone, Intuitive Installer Setup, Standard Checkout Procedure, Emergency Heat Switch
PNL25782	HZ432	3 Heat/2 Cool Conv, Heat Pump or Dual Fuel, 4 Zone Expandable, Intuitive Installer Setup, Standard Checkout Procedure, Emergency Heat Switch, Advanced Dual-Fuel Operation

TrueZONE™ Zoning Kit

- Includes:
 - TrueZONE Panel
 - AT140 40VA Transformer
 - C7735A Discharge air temperature sensor
- Can work with wireless thermostats if wireless adapter is used



Part #	Mfg #	Description
KIT15029	HZ311K	For Conventional, Single-Stage Applications up to 3 Zones
KIT15031	HZ322K	For Conventional & Heat Pump Applications up to 3 Zones (2 Heat/2 Cool)
KIT15030	HZ432K	For Conventional, Heat Pump or Dual Fuel Applications up to 32 Zones (3 Heat/2 Cool)

Zone Control Accessories

Static Pressure Control

- Used to sense supply air static pressure and maintain a set system pressure
- Operates from 0.1 - 4.0" wc with fixed differential
- On pressure rise, modulates damper open; on pressure fall, modulates damper closed



Part #	Mfg #	Description
CNT04908	SPC	Use with MARD for Bypass Control



Packaged Terminal Air Conditioners

Frigidaire Packaged Terminal Air Conditioners

- Smart self-check provides nine diagnostic points for self-check and correction of fault conditions
- Uses eco-friendly R-410A refrigerant
- Effortless™ maintenance and temperature control maintain preset room temperature
- Ready-Select® electronic controls
- Fan speeds: 3 cool, 3 fan, 3 heat
- Quiet and low voltage start-up
- 24-Hour on/off timer
- 2-Way auxiliary air direction control
- Includes 5.5' power cord



Frigidaire Packaged Terminal Air Conditioner with Electrical Heat

Equipment

Part #	Mfg #	Cool BTUH	Heat BTUH	Volts	Cool Area	Cool Amps	Electric Heat Amps	Fin Coating
FRP77ETT2R	FRP77ETT2R	7,700/7,600	10,200/8,300	230/208V	320 sq ft	2.8/3.0A	13.2/12.2A	Normal
FRP90ETT2R	FRP90ETT2R	9,000/8,800	10,200/8,300	230/208V	440 sq ft	3.7/3.9A	13.2/12.2A	Normal
FRP12ETT2R	FRP12ETT2R	12,000/11,800	10,200/8,300	230/208V	640 sq ft	5.1/5.3A	13.2/12.2A	Normal
FRP15ETT2R	FRP15ETT2R	15,000/14,600	17,000/13,900	230/208V	875 sq ft	6.7/7.5A	21.5/20.5A	Normal
FRP77ETT2A	FRP77ETT2A	7,700/7,600	10,200/8,300	230/208V	320 sq ft	2.8/3.0A	13.2/12.2A	Seacoast
FRP90ETT2A	FRP90ETT2A	9,000/8,800	10,200/8,300	230/208V	440 sq ft	3.7/3.9A	13.2/12.2A	Seacoast
FRP12ETT2A	FRP12ETT2A	12,000/11,800	10,200/8,300	230/208V	640 sq ft	5.1/5.3A	13.2/12.2A	Seacoast
FRP15ETT2A	FRP15ETT2A	15,000/14,600	17,000/13,900	230/208V	875 sq ft	6.7/7.5A	21.5/20.5A	Seacoast
FRP77ETT3R	FRP77ETT3R	7,200	10,200	265V	300 sq ft	2.6A	11.32A	Normal
FRP90ETT3R	FRP90ETT3R	9,000	10,200	265V	440 sq ft	3.2A	11.32A	Normal
FRP12ETT3R	FRP12ETT3R	12,000	10,200	265V	640 sq ft	4.6A	11.32A	Normal
FRP77ETT3A	FRP77ETT3A	7,200	10,200	265V	300 sq ft	2.6A	11.32A	Seacoast
FRP90ETT3A	FRP90ETT3A	9,000	10,200	265V	440 sq ft	3.2A	11.32A	Seacoast
FRP12ETT3A	FRP12ETT3A	12,000	10,200	265V	640 sq ft	4.6A	11.32A	Seacoast

Frigidaire Packaged Terminal Air Conditioner with Heat Pump

FRIGIDAIRE

Part #	Mfg #	Cool BTUH	Heat BTUH	Volts	Cool Area	Cool Amps	Electric Heat Amps	Fin Coating
FRP77PTT2R	FRP77PTT2R	7,700/7,600	10,200/8,300	230/208V	320 sq ft	2.8/3.0A	13.2/12.2A	Normal
FRP90PTT2R	FRP90PTT2R	9,000/8,800	10,200/8,300	230/208V	440 sq ft	3.7/3.9A	13.2/12.2A	Normal
FRP12PTT2R	FRP12PTT2R	12,000/11,800	10,200/8,300	230/208V	640 sq ft	5.1/5.3A	13.2/12.2A	Normal
FRP15PTT2R	FRP15PTT2R	15,000/14,600	17,000/13,900	230/208V	875 sq ft	6.7/7.5A	21.5/20.5A	Normal
FRP77PTT2A	FRP77PTT2A	7,700/7,600	10,200/8,300	230/208V	320 sq ft	2.8/3.0A	13.2/12.2A	Seacoast
FRP90PTT2A	FRP90PTT2A	9,000/8,800	10,200/8,300	230/208V	440 sq ft	3.7/3.9A	13.2/12.2A	Seacoast
FRP12PTT2A	FRP12PTT2A	12,000/11,800	10,200/8,300	230/208V	640 sq ft	5.1/5.3A	13.2/12.2A	Seacoast
FRP15PTT2A	FRP15PTT2A	15,000/14,600	17,000/13,900	230/208V	875 sq ft	6.7/7.5A	21.5/20.5A	Seacoast
FRP77PTT3R	FRP77PTT3R	7,200	10,200	265V	300 sq ft	2.6A	11.32A	Normal
FRP90PTT3R	FRP90PTT3R	9,300	10,200	265V	460 sq ft	3.4A	11.32A	Normal
FRP12PTT3R	FRP12PTT3R	12,000	10,200	265V	640 sq ft	4.6A	11.32A	Normal
FRP77PTT3A	FRP77PTT3A	7,200	10,200	265V	300 sq ft	2.6A	11.32A	Seacoast
FRP90PTT3A	FRP90PTT3A	9,300	10,200	265V	460 sq ft	3.4A	11.32A	Seacoast
FRP12PTT3A	FRP12PTT3A	12,000	10,200	265V	640 sq ft	4.6A	11.32A	Seacoast

PTAC Accessories

Packaged Terminal Air Conditioner Accessories

Air Filter



FRIGIDAIRE

Part #	Mfg #	Description
5304482892	5304482892	Air Filters, 10/Pk

Aluminum Outdoor Grille

- Durable, anodized aluminum construction
- Weather resistant
- Installs easily onto Frigidaire® metal wall sleeve



FRIGIDAIRE

Part #	Mfg #	Description
5304480558	5304480558	Architectural Aluminum Grille, Clear
5308815313	5308815313	Architectural Aluminum Grille, Dark Brown
5304480557	5304480557	Stamped Aluminum Grille, Clear

Decorative Subbase

- Heavy gauge steel construction
- Mounts directly to wall sleeve



FRIGIDAIRE

Part #	Mfg #	Color
5308815315	5308815315	Black

Electrical Subbase

- Factory-installed electrical junction box contains a receptacle for corded packaged terminal air conditioner units



FRIGIDAIRE

Part #	Mfg #	Description
5304482886	5304482886	230V-15A, Black
5304482887	5304482887	230V-20A, Black
5304482888	5304482888	230V-30A, Black
5304482889	5304482889	265V-15A, Black
5304482891	5304482891	265V-30A, Black
5304482890	5304482890	265V-20A, Black

Electrical Subbase Disconnect Switch

FRIGIDAIRE

Part #	Mfg #	Description
5304482698	5304482698	Disconnect Switch, 265V

Equipment



PTAC Accessories

Hardware Kit

- Permanently connects PTAC to a power source
- Kit includes 36" metal conduit and connector



FRIGIDAIRE

Part #	Mfg #	Description
5304482696	5304482696	Hardware Kit, 20A
5304482697	5304482697	Hardware Kit, 30A

Leveling Leg Support

- Attaches easily to wall sleeve for accurate leveling and support for units



FRIGIDAIRE

Part #	Mfg #	Description
5304480575	5304480575	Leveling Legs

Polymer Architectural Outdoor Grille

- Blends with most building exteriors
- Weather resistant



FRIGIDAIRE

Part #	Mfg #	Color
5308815310	5308815310	Brown
5308815312	5308815312	White

Polymer Wall Sleeve

- Utilizes fiberglass reinforced polyester compound to produce a durable, non-corrosive, wall case that provides superior sound absorption, reduces heat loss, and prevents sleeve sweating



FRIGIDAIRE

Part #	Mfg #	Description
5308815302	5308815302	Insulated
5308815301	5308815301	Non-Insulated

Universal Condensation Drain Kit

- For controlling condensate water from the packaged terminal unit
- Can be used for exterior or interior drain systems



FRIGIDAIRE

Part #	Mfg #	Description
5304480570	5304480570	Universal Condensation Drain Kit, 1/Pk

PTAC Accessories

Wall Sleeve & Accessories

- Fully insulated
- Galvanized steel construction
- Welded areas protected with sealing compound to prevent rust



Part #	Mfg #	Description
5304482701	5304482701	Steel Wall Sleeve, Insulated
5304483759	5304483759	16" Metal Wall Sleeve Extension, Insulated
5308815304	5308815304	18" Metal Wall Sleeve Extension, Insulated
5308815305	5308815305	24" Metal Wall Sleeve Extension, Insulated
5304483760	5304483760	3" Metal Wall Sleeve Adapter

Thermostats

Remote Control Node (RCN) for Wireless Thermostat

- PCB with pull-off screw terminals
- Dimensions: 4.75" x 3.0" x 0.80"
- RCN Output: Pilot duty solid-state relay outputs @ 0.5A maximum
- RCN Wiring: low-voltage, pull-off screw terminals



Part #	Mfg #	Description
5304482XXXX	5304482XXX	Remote Control Node

Wired Digital Wall Thermostat

- Effortless™ temperature control wired wall thermostat
- Auto changeover
- 2-Stage heating and cooling
- Emergency heating mode for heat pump



Part #	Mfg #	Description
5304483050	5304483050	Non-programmable
5304482700	5304482700	Programmable
5304484139	5304484139	Transfer Cable for Quick Programming

Wireless Digital Wall Thermostat

- Wireless Effortless™ temperature control
- Large LCD screen



Part #	Mfg #	Description
5304482699	5304482699	Non-programmable



Packaged Terminal Air Conditioners

Packaged Terminal Air Conditioners (PTAC)

- Quiet operation
- High energy efficiency
- Digital control display
- Gold Fin™ anti-corrosion
- Auto restart
- Energy saver mode
- Front desk control
- Freeze room protection
- Dip switch setting for temperature limiting
- Temperature display on unit
- Fresh air ventilation, 70 CFM at 0.3 ESP with open damper door
- Dimensions: 16"H x 42"W x 19-7/8"D
- 5-Year parts and labor warranty on sealed refrigerant system
- 1-Year full system warranty on parts and labor, 5-year parts warranty



R-22 Heat/Cool PTAC

Part #	Mfg #	Cooling Capacity BTUH	EER	Electric Heater	Air Circulation Hi/Lo	Dehumid (Pts/Hr)	Max Overcurrent Protection	Ship Weight
LP155HED1	LP155HED1	14,400	9.2	5.0kW	420/390 CFM	4.4	30	110 lbs
LP155CED1	LP155CED1	14,000	9.5	5.0kW	420/390 CFM	4.4	30	106 lbs

R-410A Heat/Cool PTAC



Part #	Mfg #	Cooling Capacity BTUH	EER	Electric Heater	Air Circulation Hi/Lo	Dehumid (Pts/Hr)	Max Overcurrent Protection	Ship Weight
LP073CD3A	LP073CD3A	7,200/7,400	11.6	3.1/3.5kW	247/212 CFM	2.0	20	105.3 lbs
LP076CD2A	LP076CD2A	7,200	11.0	2.0kW	265/235 CFM	1.5	15	105.3 lbs
LP076CD3A	LP076CD3A	7,200	11.0	3.7kW	265/235 CFM	2.0	20	105.3 lbs
LP096CD3A	LP096CD3A	9,000	10.5	3.5kW	290/260 CFM	2.0	20	103.8 lbs
LP093CD3A	LP093CD3A	9,000/8,800	11.0	3.5/3.1kW	335/300 CFM	2.6	20	113.9 lbs
LP126CD3A	LP126CD3A	11,800	10.2	3.5kW	388/358 CFM	2.6	20	116.1 lbs
LP123CD3A	LP123CD3A	11,800/11,600	10.5	3.5/3.1kW	390/355 CFM	3.3	20	97 lbs
LP156CD5A	LP156CD5A	14,000	9.0	5.0kW	388/358 CFM	4.4	30	120.5 lbs
LP153CD3A	LP153CD3A	14,100/14,300	9.2	3.5/3.1kW	390/355 CFM	4.4	20	118.1 lbs
LP153CD5A	LP153CD5A	14,100/14,300	9.2	4.6/5.0kW	388/353 CFM	4.4	30	118.1 lbs



Packaged Terminal Air Conditioners

R-410A Heat Pump PTAC



Part #	Mfg #	Cooling Capacity BTUH	EER	Heating Capacity BTUH	COP	Electric Heater	Air Circulation Hi/Lo	Dehumid (Pts/Hr)	Max Overcurrent Protection	Ship Weight
LP073HD2A	LP073HD2A	7,200/7,400	11.6	6,200/6,400	3.2	2.5/2.4kW	335/300 CFM	2.0	15	95 lbs
LP073HD3A	LP073HD3A	7,200/7,400	11.6	6,200/6,400	3.2	3.1/3.5kW	247/212 CFM	2.0	20	108 lbs
LP076HD2A	LP076HD2A	7,300	11.2	6,100	3.1	2.0kW	265/235 CFM	1.5	15	110.2 lbs
LP076HD3A	LP076HD3A	7,300	11.2	6,100	3.1	3.7kW	265/235 CFM	2.0	20	110.2 lbs
LP093HD3A	LP093HD3A	9,000/8,800	11.0	8,100/7,900	3.2	3.5/3.1kW	335/300 CFM	2.6	20	101 lbs
LP096HD3A	LP096HD3A	9,200	10.8	8,200	3.2	3.5kW	290/260 CFM	2.2	20	119.7 lbs
LP126HD3A	LP126HD3A	11,800	10.4	10,700	3.2	3.5kW	346/316 CFM	2.4	20	119.7 lbs
LP123HD3A	LP123HD3A	11,800/11,600	10.6	10,800/10,600	3.2	3.5/3.1kW	390/355 CFM	3.3	20	101 lbs
LP156HD3A	LP156HD3A	14,700	9.4	12,100	2.6	3.5kW	388/358 CFM	4.1	20	128.3 lbs
LP156HD5A	LP156HD5A	14,700	9.4	12,100	2.6	5.0kW	388/358 CFM	4.6	30	128.3 lbs
LP153HD3A	LP153HD3A	14,700/14,500	9.4	12,100/11,900	2.6	3.5/3.1kW	390/355 CFM	4.4	20	109 lbs

Through-the-Wall Air Conditioners

- Gold Fin™ anti-corrosion treatment
- Auto restart
- 12-Hour ON/OFF timer
- Auto restart
- Universal fit for sleeve
- 3 Cooling fan speeds with auto cool
- Thermistor thermostat control
- System includes:
 - Wall unit
 - Remote control
 - Installation manual
 - Trim kit
- 1-Year warranty on parts and labor

4-Way Deflection Through-the-Wall Air Conditioner

- Dimensions: 14-13/32"H x 24"W x 20-3/32"D



Part #	Mfg #	Cooling BTUH	Voltage	Indoor-Outdoor	Ship Weight
LT081CER	LT081CER	8,000	115V	49/59 dBA	79 lbs
LT101CNR	LT101CNR	9,800	115V	51/60 dBA	84 lbs
LT103CER	LT103CER	10,000/9,800	208/230V	51/60 dBA	86 lbs
LT121CNR	LT121CNR	11,500	115V	52/61 dBA	87 lbs
LT123CNR	LT123CNR	11,500/11,200	208/230V	52/61 dBA	87 lbs
LT143CNR	LT143CNR	13,000	208/230V	53/62 dBA	94 lbs



Packaged Terminal Air Conditioners

4-Way Deflection Through-the-Wall Heat/Cool Air Conditioner

- Dimensions: 14-13/32"H x 24-21/32"W x 19-21/32"D



Part #	Mfg #	Cooling BTUH	Heating BTUH	Voltage	Indoor-Outdoor	Ship Weight
LT103HNR	LT103HNR	10,000/9,800	11,200/9,200	208/230V	51/60 dBA	84 lbs
LT123HNR	LT123HNR	11,500/11,200	11,200/9,200	208/230V	52/61 dBA	87 lbs

Window Air Conditioners

R-410A Window Air Conditioner with Electric Heat

- Electronic controls with remote control
- Digital 12-hour timer
- 3 Cooling and fan speeds
- 4-Way deflection
- Auto restart, energy saver function



Part #	Mfg #	Cooling BTUH	Heating BTUH	Electrical	EER	Indoor-Outdoor	Dimensions (H x W x D)
LW7010HR	LW7010HR	7,000	3,850	115-1-60	9.7	49/54 dBA	13-7/8" x 18-9/16" x 20-11/16"
LW1810HR	LW1810HR	18,000	12,000	208/230-1-60	9.7	55/63 dBA	16-27/32" x 26" x 30-5/16"

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PTAC Accessories

PTAC Accessories

Control Panel Key Lock



Part #	Mfg #	Description
AYCP101	AYCP101	Control Panel Key Lock

Filters



Part #	Mfg #	Description
AYFT110	AYFT110	Replacement Filters, 10/Pk

Grille



Part #	Mfg #	Description
AYAGALA01A	AYAGALA01A	42" Aluminum Architectural Grille
AYAGALB01A	AYAGALB01A	42" Dark Bronze Architectural Grille
AYRGALA01	AYRGALA01	42" Large Stamp Grille
AYAGALC01A	AYAGALC01A	42" Soft Dove Architectural Grille

PTAC Accessory Kit



Part #	Mfg #	Description
AYDR101	AYDR101	Drain Kit Interior/Exterior
AYFD101	AYFD101	EMS Front Desk Control Connection Kit
AYHW101	AYHW101	Hard Wire Kit, Wire to Circuit
AYLD1A	AYLD1A	Lateral Duct Kit
AYRE110	AYRE110	Remote Escutcheon Kit, 10/Pk

PTAC Accessories

Thermostat



PYRCUCA0A



PYRCUCC1HA



Part #	Mfg #	Description
PYRCUCA0A	PYRCUCA0A	Digital Wired Wall Thermostat Non-Programmable
PYRCUCC1HA	PYRCUCC1HA	Wireless Energy Saving Wall Thermostat

Thermostat Accessories



PYADTAM1A



PYADTGE1A



AYNUU0A



AYWH101



Part #	Mfg #	Description
PYADTAM1A	PYADTAM1A	Adapter Kit for Amana PTAC Wireless Wall Thermostat
PYADTGE1A	PYADTGE1A	Adapter Kit for GE PTAC Wireless Wall Thermostat
AYNUU0A	AYNUU0A	Thermostat Programming Unit
AYWH101	AYWH101	Wired Wall Thermostat Connection Kit

Sub Base



AYS3101A, AYSB4101A



Part #	Mfg #	Description
AYS3101A	AYS3101A	230/208V, 20A Sub Base
AYS32101A	AYS32101A	230/208V, 30A Sub Base
AYS33101A	AYS33101A	265V, 20A Sub Base
AYS34101A	AYS34101A	265V, 30A Sub Base

Wall Sleeve



Part #	Mfg #	Description
AYS3101A	AYS3101A	42" Large Wall Sleeve

Through-the-Wall Air Conditioner Accessories

Grille



Part #	Mfg #	Description
AXAGALA01A	AXAGALA01A	26" Architectural Grille
AXRGALA01	AXRGALA01	26" Stamped Aluminum Grille

Wall Sleeve



Part #	Mfg #	Description
AXSVA1	AXSVA1	Wall Sleeve
AXSVA4	AXSVA4	Wall Sleeve with Stamped Aluminum Grille

Packaged Terminal Air Conditioners

Packaged Terminal Air Conditioners (PTAC)

- Touch panel control
- R410A Refrigerant
- Quiet 2-fan motor operation
- Microprocessor control
- Fan cycle function
- Freeze protection
- 2-Way adjustable discharge louver
- Easy-to-clean up-front filters
- Manual ventilation control up to 70 CFM
- Weather-resistant super seal
- Front desk control capability
- Remote thermostat control capability
- Temperature limiting function
- Random restart circuit
- Automatic emergency heat (H/P only)
- Compressor restart function
- Self diagnostic function
- Overload prevention
- Fan speed selector
- Load shedding control
- Electrical heat capacity depends on power cord selection
- Power cords sold separately unless indicated



PremAire

Equipment

R410A PTW Series Cooling PTAC with Universal Heater

- Power cord required on every unit

Part #	Mfg #	Cooling Capacity BTUH	EER	Voltage	Electrical Heat	Ship Weight
PTW073C3G	PTW073C3G	7,700	12	265V	2/3kW	121 lbs
PTW072C3G	PTW072C3G	7,700/7,600	12/12.2	230/208V	2/3kW	121 lbs
PTW093C3G	PTW093C3G	9,000	11.3	265V	2/3kW	128 lbs
PTW092C3G	PTW092C3G	9,000/8,800	11.3/11.4	230/208V	2/3kW	128 lbs
PTW123C3G	PTW123C3G	12,000	10.7	265V	2/3/5kW	137 lbs
PTW122C3G	PTW122C3G	12,000/11,800	10.7/10.5	230/208V	2/3/5kW	137 lbs
PTW153C3G	PTW153C3G	15,000	9.8	265V	2/3/5kW	143 lbs
PTW152C3G	PTW152C3G	15,000/14,600	9.8/9.7	230/208V	2/3kW	143 lbs



Packaged Terminal Air Conditioners

R410A PTW Series Cooling PTAC with Electric Heater & Power Cord

PremAire

Part #	Mfg #	Cooling Capacity BTUH	EER	Voltage	Electrical Heat	Ship Weight	Power Cord Included
PTW0734C3G	PTW0734C3G	7,700	12	265V	3.5kW	121 lbs	265-277V, 20A
PTW0723C3G	PTW0723C3G	7,700	12/12.2	230/208V	3.5kW	121 lbs	230/280V, 20A
PTW0934C3G	PTW0934C3G	9,000	11.3	265V	3.5kW	128 lbs	265/277V, 20A
PTW0923C3G	PTW0923C3G	9,000	11.3/11.4	230/208V	3.5kW	128 lbs	230/208V, 20A
PTW1234C3G	PTW1234C3G	12,000	10.7	265V	3.5kW	137 lbs	265/277V, 20A
PTW1235C3G	PTW1235C3G	12,000	10.7	265V	5kW	137 lbs	265/277V, 30A
PTW1223C3G	PTW1223C3G	12,000	10.7/10.5	230/208V	3.5kW	137 lbs	230/208V, 20A
PTW1225C3G	PTW1225C3G	12,000	10.7/10.5	230/208V	5kW	137 lbs	230/208V, 30A
PTW1535C3G	PTW1535C3G	15,000	9.8	265V	5kW	143 lbs	265/277V, 30A
PTW1525C3G	PTW1525C3G	15,000	9.8/9.7	230/208V	5kW	143 lbs	230/208V, 30A

R410A PTW Series Heat Pump PTAC with Universal Heater

- Power cord required on every unit

PremAire

Part #	Mfg #	Cooling Capacity BTUH	EER	Voltage	Electrical Heat	Ship Weight
PTW073H3G	PTW073H3G	7,700	12	265V	2/3kW	121 lbs
PTW072H3G	PTW072H3G	7,700/7,600	12/12.2	230/208V	2/3kW	121 lbs
PTW093H3G	PTW093H3G	9,000	11.3	265V	2/3kW	128 lbs
PTW092H3G	PTW092H3G	9,000/8,800	11.3/11.4	230/208V	2/3kW	128 lbs
PTW123H3G	PTW123H3G	12,000/11,800	10.7	265V	2/3/5kW	137 lbs
PTW153H3G	PTW153H3G	15,000	9.8	265V	2/3/5kW	143 lbs
PTW152H3G	PTW152H3G	15,000	9.8	230/208V	2/3/5kW	143 lbs

R410A PTW Series Heat Pump PTAC with Electric Heater & Power Cord

PremAire

Part #	Mfg #	Cooling Capacity BTUH	EER	Voltage	Electrical Heat	Ship Weight	Power Cord Included
PTW0723H3G	PTW0723H3G	7,700	12/12.2	230/208V	3.5W	121 lbs	230/208V, 20A
PTW0734H3G	PTW0734H3G	7,700	12	265V	3.5kW	121 lbs	265/277V, 20A
PTW0923H3G	PTW0923H3G	9,000	11.3/11.4	230/208V	3.5kW	128 lbs	230/208V, 20A
PTW0934H3G	PTW0934H3G	9,000	11.3	265V	3.5kW	128 lbs	265/277V, 20A
PTW1223H3G	PTW1223H3G	12,000	10.7/10.5	230/208V	3.5kW	137 lbs	230/208V, 20A
PTW1225H3G	PTW1225H3G	12,000	10.7/10.5	230/208V	5kW	137 lbs	230/208V, 30A
PTW1234H3G	PTW1234H3G	12,000	10.7	265V	3.5kW	137 lbs	265/277V, 20A
PTW1235H3G	PTW1235H3G	12,000	10.7	265V	5kW	137 lbs	265/277V, 30A
PTW1525H3G	PTW1525H3G	15,000	9.8	230/208V	5kW	143 lbs	230/208V, 30A
PTW1535H3G	PTW1535H3G	15,000	9.8	265V	5kW	143 lbs	265/277V, 30A



Packaged Terminal Air Conditioners

Through-the-Wall Air Conditioners

- Dimensions: 29.65" x 24.41" x 18.23"
- Solid state control
- Up-front slide-out washable air filter
- Two fan speeds and fan only setting
- Slide-out chassis
- Efficiency rotary compressor
- 2-Stage thermostat
- Adjustable air discharge
- Hidden vent control
- Fan cycle switch
- Indoor coil freeze control
- Compressor random restart function
- 3-Speed fan motor



PremAire

R410A PTB Series Through-the-Wall Air Conditioner

Part #	Mfg #	Capacity BTUH	EER	Voltage	Inside Noise High/Low/Average	Ship Weight
PTB0920C3G	PTB0920C3G	9,200	9.8	208/230V	58/56/54 dBA	96.8 lbs
PTB1220C3G	PTB1220C3G	11,800	9.8	208/320V	60/58/56 dBA	96.8 lbs

R410A PTB Series Through-the-Wall Heat Pump Air Conditioner

PremAire

Part #	Mfg #	Capacity BTUH	EER	Electric Heater	Voltage	Inside Noise High/Low/Average	Ship Weight
PTB0911H3G	PTB0911H3G	9,000	9.4	1.2kW	110V	58/56/54 dBA	100 lbs
PTB1223H3G	PTB1223H3G	11,000	9	3.4kW	208/230V	60/58/56 dBA	96.13 lbs

Equipment



PTAC Accessories

PTAC Accessories

Power Cord

PremAire

Part #	Mfg #	Voltage	Amps	Heating	Heater
PWR22015	PWR22015	208/230V	15A	5,581/6,824	2kW
PWR22020	PWR22020	208/230V	20A	8,372/10,236	3kW
PWR22030	PWR22030	208/230V	30A	13,953/17,060	5kW
PWR26515	PWR26515	265V	15A	6,824	2kW
PWR26520	PWR26520	265V	20A	10,236	3kW
PWR26530	PWR26530	265V	30A	17,060	5kW

Grille



RAG60

Part #	Mfg #	Description
RAG60	RAG60	Aluminum Rear Grill
RAG61	RAG61	Architectural Rear Grille, Beige
RAG62	RAG62	Architectural Rear Grille, Maple
RAG67	RAG67	Extruded Aluminum Grill
RAG63	RAG63	Plastic Architectural Rear Grille, Brown

Remote



Part #	Mfg #	Description
AW7811-HP	AW7811	Non-Programmable Digital Remote With (2) Fan Speeds

Wall Case



RAB71A

Part #	Mfg #	Description
RAB71A	RAB71A	42" Standard Wall Case
RAB7116	RAB7116	42" Steel Wall Case
RAB7124	RAB7124	42" Steel Wall Case
RAB7128	RAB7128	42" Steel Wall Case
RAB7131	RAB7131	42" Steel Wall Case
RAB77A4	RAB77A4	42" SMC Wall Case
RAB71	RAB71	42-1/4" x 16-1/4" Insulated Wall Case

PTAC Accessories

Sub-Base

- Heavy-gauge steel
- Simple connection to wall case
- 4-Point leveling legs
- Adapts to service conduit, circuit breakers and receptacles up to 30A



Part #	Mfg #	Description
RAK204D20	RAK204D20	3" x 42" x 3-11/16" 208/230V, 20A

Through-the-Wall Air Conditioner Accessories

Drain Kit



Part #	Mfg #	Description
RAD4A1	RAD4A1	Internal/External Drain Kit

Grille



Part #	Mfg #	Description
RAG13A	RAG13A	Stamped Aluminum Exterior Rear Grille

Sleeve



Part #	Mfg #	Description
RAB46A	RAB46A	26" Standard Metal Wall Sleeve



Electric Unit Heaters

UHAA Commercial Fan-Forced Architectural Wall-Mount Heaters

- Built-in, tamper-proof disconnect switch and thermostat (suffix TxD)
- Automatic fan delay circuit
- Powder coated 18 gauge steel grill with extruded aluminum front frame
- Automatic reset thermal limit
- Steel block fin element
- Vane axial fan blade: 600 rpm motor; 175 CFM
- Rough-in dimensions: 19-15/16"H x 14-3/16"W x 4"D
- Grill dimensions: 20-27/32"H x 15-29/32"W
- UL Listed



Part #	BTUH	Heat	Watts	Electrical	Element & Motor	Weight
UHAA151ETAD	5,119	1.5kW	1,500W	208-1-60	120V	22 lbs
UHAA021ATAD	6,825	2.0kW	2,000W	208-1-60	208V	22 lbs
UHAA031CTAD	10,240	3.0kW	3,000W	208-1-60	277V	22 lbs
UHAA041ATAD	13,650	4.0kW	4,000W	208-1-60	208V	22 lbs
UHAA481ATAD	16,380	4.8kW	4,800W	208-1-60	208V	22 lbs
UHAA481CTAD	16,380	4.8kW	4,800W	277-1-60	277V	22 lbs

UHCA Commercial Fan-Forced Electric Ceiling Heaters

- High-velocity, ceiling-mounted heater for restricted areas or where wall space is limited
- Use in vestibules, lobbies, restrooms and small office building applications
- Single or multiple installation
- Motor: heavy-duty, unit bearing, permanently lubricated totally enclosed, impedance protected
- Element, totally enclosed and corrosion-resistant with maximum finning
- Blade over motor design
- Thermal cut-out: zero voltage reset
- 5-Year warranty



Series 80



UHCA Series 70 Electric Ceiling Surface Heater

- Mounting bracket: swing-up installation

Part #	BTUH	Heat	Amps	Watts	Element & Motor
UHCA051B7A	17,065	5.0kW	20.8A	5,000W	240-1-60

UHCA Series 80 Electric Ceiling Recessed Heater

- Recess-mounted for 2' x 2' T-bar or plaster ceilings
- Junction box is attached to heater can

Part #	BTUH	Heat	Amps	Watts	Element & Motor
UHCA021A8A	6,826	2.0kW	9.6A	2,000W	208-1-60
UHCA053A8A	17,065	5.0kW	13.9A	5,000W	208-3-60



Electric Unit Heaters

UHEC Electric Unit Heaters

- Applied as an auxiliary heat source for walkways stairways, vestibules, and entrances
- Unit can be used for either horizontal or vertical discharge
- Specially designed inlet louvers, venturi and outlet diffuser provide uniform air temperature and throw characteristic
- Element: high mass, all steel finned, tubular
- Intake louvers provide uniform air distribution across entire heating element
- Outlet louvers: individually adjustable from 30° up to 45° down
- Motor and fan: totally enclosed, permanently lubricated, sealed bearing, all-angle motor and fan combination through 20kW and 2-speed permanent capacitor-type motor on 25kW through 50kW units
- Thermal overload: automatic reset
- Terminal panel: single-point terminal board wiring
- Access panel: full width secured by 1/4 turn fasteners



Horizontal



Vertical

Part #	BTUH	Heat	Amps	Control	Electrical
UHEC031A0C0	11,200	3.3kW	15.9A	208V	208-1-60
UHEC031AACA	11,200	3.3kW	15.9A	24V	208-1-60
UHEC031B0C0	11,200/8,500	3.3/2.5kW	13.7/11.9A	240/208V	240/208-1-60
UHEC031BACA	11,200/8,500	3.3/2.5kW	13.7/11.9A	24V	240/208-1-60
UHEC031C0C0	11,200	3.3kW	11.9A	277V	277-1-60
UHEC031CACA	11,200	3.3kW	11.9A	24V	277-1-60
UHEC032A0C0	11,200	3.3kW	15.9/9.2†A	208V	208-1 or 3-60
UHEC032AACA	11,200	3.3kW	15.9/9.2†A	24V	208/1 or 3/60
UHEC032DACA	11,200	3.3kW	4.0A	24V	480-3-60
UHEC051A0C0	17,100	5.0kW	24.1A	208V	208-1-60
UHEC051B0C0	17,100/12,800	5.0kW	20.9/18.1A	240/208V	240/208-1-60
UHEC051C0C0	17,100	5.0kW	18.1A	277V	277-1-6
UHEC052A0C0	17,100	5.0kW	24.1/13.9†A	208V	208-1 or 3-60
UHEC052AACA	17,100	5.0kW	24.1/13.9†A	24V	208-1 or 3-60
UHEC052B0C0	17,100/12,800	5.0kW	20.9/18.1 12.1/10.4†A	240/208V	240/208-1 or 3-60
UHEC052BACA	17,100/12,800	5.0kW	20.9/18.1 12.1/10.4†A	24V	240/208-1 or 3-60
UHEC053DACA	17,100/12,800	5.0kW	20.9/18.1A	24V	480-3-60
UHEC071CACA	25,600	7.5kW	27.1A	24V	277-1-60
UHEC072AACA	25,600	7.5kW	36.1/20.8 20.8†A	24V	208-1 or 3-60
UHEC072BACA	25,600/19,200	7.5kW	31.3/27.1A	24V	240/208-1 or 3-60
UHEC073DACA	25,600	7.5kW	9.1A	24V	480-1-60
UHEC101CACA	34,100	10.0kW	36.1A	24V	277-1-60
UHEC102AACA	34,100	10.0kW	47.8/27.7†A	24V	208-1 or 3-60
UHEC102BACA	34,100/25,600	10.0kW	42.2/27.7†A	24V	240/208-1 or 3-60
UHEC103DACA	34,100	10.0kW	12.1A	24V	480-3-60
UHEC153AACA	51,200	15kW	41.7A	24V	208-3-60
UHEC153BACA	51,200/38,400	15kW	36.1/31.3A	24V	240/208-3-60
UHEC153DACA	51,200	15kW	18.1A	24V	480-3-60

Equipment

Electric Unit Heaters

UHEC Electric Unit Heaters (Continued)

Part #	BTUH	Heat	Amps	Control	Electrical
UHEC203BACA	67.2/50.5	20kW	67.2/50.5A	24V	240/208-3-60
UHEC203DACA	68.3	20kW	24.1A	24V	480-3-60
UHEC253AACA	85.3	25kW	69.5A	24V	208-3-60
UHEC253BACA	85.3/64.0	25kW	60.2/52.1A	24V	240/208-3-60
UHEC253DACA	85.3	25kW	30.1A	24V	480-3-60
UHEC303AACA	102.4	30kW	83.4A	24V	208-3-60
UHEC303BACA	102.4/76.8	30kW	72.3/62.5A	24V	240/208-3-60
UHEC303DACA	102.4	30kW	36.2A	24V	480-3-60
UHEC403BACA	136.5/102.4	40kW	96.4/83.4A	24V	240/208-3-60
UHEC403DACA	133.1	40kW	47.0A	24V	480-3-60
UHEC503DACA	170.6	50kW	60.3A	24V	480-3-60

† Amp Rating for 3-phase operation (field convertible)

UHRA Washdown Electric Unit Heaters

- Heavy-duty, corrosion-resistant, 304 16 gauge stainless steel casing
- NEMA 4x Non-metallic control panel
- 24V Transformer and control circuit
- 3-Position switch (off/heat/fan)
- Disconnect switch with enclosure interlock
- Capillary thermostat with stainless steel sensor
- Automatic reset thermal cut-out
- Totally enclosed UL listed motor
- Pilot light (power on indicator)
- Chrome-plated, finned tubular element
- Control panel on bottom of unit for ease of installation and service



Part #	BTUH	Heat	Amps	Control	Electrical
UHRA033DAAT	11,200	3.3kW	4.0A	24V	480-3-60
UHRA073AAAT	25,600	7.5kW	20.9A	24V	208-3-60
UHRA103DAAT	34,130	10.0kW	12.1A	24V	480-3-60
UHRA203DAAT	68,260	20.0kW	24A	24.1V	480-3-60
UHRA303DAAT	102,390	30.0kW	36.2A	24V	480-3-60

Electric Unit Heaters

UHWA Heavy-Duty Fan-Forced Wall-Mount Electric Heaters

- Powder coated bar stock steel tamper proof grille, with extruded Aluminum frame and 16 gauge housing
- In-Built double pole tamper proof thermostat with a 40°to 110°F temperature range and positive off (3-phase heaters have 3-pole thermostat for positive off position)
- Manual reset thermal limit switch
- Corrosion resistant steel tubular element with brazed steel fins
- Permanently lubricated, unit bearing, shaded pole motor with impedance protection
- Propeller type fan blade: 1400 rpm motor; 245 CFM
- Built-in thermostat
- Made in the USA



UHWA Series 20 Wall-Mount Electric Heater

- Dimensions:
 - Rough-in: 19-3/8"H x 14-1/4"W x 4-1/4"D
 - Grill: 21-15/32"H x 17-7/16"W

Part #	BTUH	Heat	Watts	Amps	Electrical
UHWA021C2AT	6,826	2.0kW	2,000W	7.2A	277-1-60
UHWA031A2AT	10,239	3.0kW	3,000W	14.4A	208-1-60
UHWA031C2AT	10,239	3.0kW	3,000W	10.8A	277-1-60
UHWA041A2AT	13,652	4.0kW	4,000W	19.2A	208-1-60
UHWA051A2AT	17,065	5.0kW	5,000W	24.0A	208-1-60

UHWA Series 50 Wall-Mount Electric Heater

- Dimensions:
 - Rough-in: 23-1/16"H x 14-1/4"W x 4-1/4"D
 - Grill: 25-1/32"H x 17-7/16"W

Part #	BTUH	Heat	Watts	Amps	Electrical
UHWA031A5AT	10,239	3.0kW	3,000W	8.3A	208-1-60



Electric Unit Heaters

UHXA Forced-Air Suspended Electric Heaters

- Fan-forced suspended unit heaters 3-25kW for
 - Class 1, Group 2, Divisions 1 & 2
 - Class II, Groups 3, F & G, Divisions 1 & 2
- Designed for rugged industrial applications in hazardous locations where the possibility of explosion or fire exists due to the presence of certain flammable gases, vapors, powdered metals or dust
- Permanently sealed, liquid to air, finned tube heat exchanger core
- Ethylene glycol to water mixture uses a heat transfer fluid in the heater core, providing 45°C (-40°F) freeze damage protection
- High-performance electric motor driven fan blows air across finned tubes to effect uniform heat transfer and area heat distribution
- Stainless steel and aluminum pressure relief valve for over-pressure
- 14 Gauge steel cabinet epoxy paint finish contains heater core, motor and fan assembly
- Adjustable louvers allow directional control of air
- Copper conductor wires enclosed in rigid metal conduits carry all electrical power



Equipment

Part #	BTUH	Heat	Heater Amps	Control	Electrical
UHXA031A1B	10,239	3.0kW	14.4A	24V	208-1-60
UHXA031A2B	10,239	3.0kW	14.4A	120V	208-1-60
UHXA031A3B	10,239	3.0kW	14.4A	208V	208-1-60
UHXA031B1B	10,239	3.0kW	12.5A	24V	240-1-60
UHXA031B2B	10,239	3.0kW	12.5A	120V	240-1-60
UHXA031B4B	10,239	3.0kW	12.5A	240V	240-1-60
UHXA033A1B	12,239	3.0kW	8.3A	24V	208-3-60
UHXA033A2B	12,239	3.0kW	8.3A	120V	208-3-60
UHXA033A3B	12,239	3.0kW	8.3A	208V	208-3-60
UHXA033B1B	10,239	3.0kW	12.5A	24V	240-3-60
UHXA033B2B	10,239	3.0kW	12.5A	120V	240-3-60
UHXA033B4B	10,239	3.0kW	12.5A	240V	240-3-60
UHXA033D1B	10,239	3.0kW	3.6A	24V	480-3-60
UHXA033D2B	10,239	3.0kW	3.6A	120V	480-3-60
UHXA033F1B	10,239	3.0kW	2.9A	24V	600-3-60
UHXA051A1B	17,065	5.0kW	24.0A	24V	208-1-60
UHXA051A2B	17,065	5.0kW	24.0A	120V	208-1-60
UHXA051A3B	17,065	5.0kW	24.0A	208V	208-1-60
UHXA051B1B	17,065	5.0kW	20.8A	24V	240-1-60
UHXA051B2B	17,065	5.0kW	20.8A	120V	240-1-60
UHXA051B4B	17,065	5.0kW	20.8A	240V	240-1-60
UHXA053A1B	17,065	5.0kW	13.9A	24V	208-3-60
UHXA053A2B	17,065	5.0kW	13.9A	120V	208-3-60
UHXA053A3B	17,065	5.0kW	13.9A	208V	208-3-60
UHXA053B1B	17,065	5.0kW	12.0A	24V	240-3-60
UHXA053B2B	17,065	5.0kW	12.0A	120V	240-3-60
UHXA053B4B	17,065	5.0kW	12.0A	240V	240-3-60
UHXA053D1B	17,065	5.0kW	6.0A	24V	480-3-60
UHXA053D2B	17,065	5.0kW	6.0A	120V	480-3-60
UHXA053F1B	17,065	5.0kW	4.8A	24V	600-3-60

Electric Unit Heaters

UHXA Forced-Air Suspended Electric Heaters (Continued)

Part #	BTUH	Heat	Heater Amps	Control	Electrical
UHXA071A1B	25,598	7.5kW	36.1A	24V	208-1-60
UHXA071A2B	25,598	7.5kW	36.1A	120V	208-1-60
UHXA071A3B	25,598	7.5kW	36.1A	208V	208-1-60
UHXA071B1B	25,598	7.5kW	31.3A	24V	240-1-60
UHXA071B2B	25,598	7.5kW	31.3A	120V	240-1-60
UHXA071B4B	25,598	7.5kW	31.3A	240V	240-1-60
UHXA073A1B	25,598	7.5kW	20.8A	24V	208-3-60
UHXA073A2B	25,598	7.5kW	20.8A	120V	208-3-60
UHXA073A3B	25,598	7.5kW	20.8A	208V	208-3-60
UHXA073B1B	25,598	7.5kW	18.0A	24V	240-3-60
UHXA073B2B	25,598	7.5kW	18.0A	120V	240-3-60
UHXA073B4B	25,598	7.5kW	18.0A	240V	240-3-60
UHXA073D1B	25,598	7.5kW	9.0A	24V	480-3-60
UHXA073D2B	25,598	7.5kW	9.0A	120V	480-3-60
UHXA073F1B	25,598	7.5kW	7.2A	24V	600-3-60
UHXA101B1B	34,130	10.0kW	41.7A	24V	240-1-60
UHXA101B2B	34,130	10.0kW	41.7A	120V	240-1-60
UHXA101B4B	34,130	10.0kW	41.7A	240V	240-1-60
UHXA103A1B	34,130	10.0kW	27.8A	24V	208-3-60
UHXA103A2B	34,130	10.0kW	27.8A	120V	208-3-60
UHXA103A3B	34,130	10.0kW	27.8A	208V	208-3-60
UHXA103B1B	34,130	10.0kW	24.1A	24V	240-3-60
UHXA103B2B	34,130	10.0kW	24.1A	120V	240-3-60
UHXA103B4B	34,130	10.0kW	24.1A	240V	240-3-60
UHXA103D1B	34,130	10.0kW	12.0A	24V	480-3-60
UHXA103D2B	34,130	10.0kW	12.0A	120V	480-3-60
UHXA103F1B	34,130	10.0kW	9.6A	24V	600-3-60
UHXA153A1B	51,195	15.0kW	41.6A	24V	208-3-60
UHXA153A2B	51,195	15.0kW	41.6A	120V	208-3-60
UHXA153A3B	51,195	15.0kW	41.6A	208V	208-3-60
UHXA153B1B	51,195	15.0kW	36.1A	24V	240-3-60
UHXA153B2B	51,195	15.0kW	36.1A	120V	240-3-60
UHXA153B4B	51,195	15.0kW	36.1A	240V	240-3-60
UHXA153D1B	51,195	15.0kW	18.0A	24V	480-3-60
UHXA153D2B	51,195	15.0kW	18.0A	120V	480-3-60
UHXA153F1B	51,195	15.0kW	14.4A	24V	600-3-60
UHXA203D1B	68,260	20.0kW	24.1A	24V	480-3-60
UHXA203D2B	68,260	20.0kW	24.1A	120V	480-3-60
UHXA203F1B	68,260	20.0kW	19.2A	24V	600-3-60
UHXA253D1B	85,325	25.0kW	30.1A	24V	480-3-60
UHXA253D2B	85,325	25.0kW	30.1A	120V	480-3-60
UHXA253F1B	85,325	25.0kW	24.1A	24V	600-3-60

Equipment



Gas Unit Heaters

High-Efficiency Centrifugal Fan Gas-Fired Blower Unit Heaters

- Balanced, centrifugal blower assembly
- Well-suited for high static applications where duct work is used
- Factory installed flue vent fan
- Sealed flue collector
- 24V control system powered by a 24V transformer
- Factory-mounted fan time delay switch
- 10-Year, non-prorated warranty on the heat exchanger, flue collector and burners



GBND/GBPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger

- Intermittent pilot ignition only operates when required
- Suffix E = Vertical louvers

Equipment

Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GBND010ADG10000	NG	100,000/80,000	115-1-60	31-1/4" x 17-7/8" x 26-3/4"	4"	262 lbs
GBPD010ADG10000	LP	100,000/80,000	115-1-60	31-1/4" x 17-7/8" x 26-3/4"	4"	262 lbs
GBND012ADG10000	NG	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 26-3/4"	4"	279 lbs
GBPD012ADG10000	LP	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 26-3/4"	4"	279 lbs
GBND015ADG10000	NG	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 26-3/4"	4"	314 lbs
GBPD015ADG10000	LP	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 26-3/4"	4"	314 lbs
GBND017ADG10000	NG	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 26-3/4"	4"	336 lbs
GBPD017ADG10000	LP	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 26-3/4"	4"	336 lbs
GBND020ADG10000	NG	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 26-3/4"	5"	363 lbs
GBPD020ADG10000	LP	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 26-3/4"	5"	363 lbs
GBND022ADG10000	NG	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 26-3/4"	5"	408 lbs
GBPD022ADG10000	LP	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 26-3/4"	5"	408 lbs
GBND025ADG10000	NG	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 26-3/4"	5"	427 lbs
GBPD025ADG10000	LP	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 26-3/4"	5"	427 lbs
GBND030ADG10000	NG	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 26-3/4"	6"	471 lbs
GBND035ADG10000	NG	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 26-3/4"	6"	461 lbs
GBPD035ADG10000	LP	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 26-3/4"	6"	461 lbs
GBND040ADG10000	NG	400,000/320,000	115-1-60	36-1/4" x 48-1/8" x 26-3/4"	6"	594 lbs
GBPD040ADG10000	LP	400,000/320,000	115-1-60	36-1/4" x 48-1/8" x 26-3/4"	6"	594 lbs

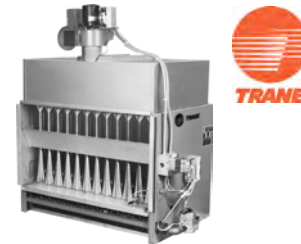
*Height is to top of the unit. Other dimensions are cabinet size



Gas Unit Heaters

High-Efficiency Indoor Gas-Fired Duct Unit Heaters

- Factory-installed flue vent fan
- Sealed flue collector
- Flue vent fan allows for horizontal venting through side walls
- 10-Year warranty of the heat exchanger, draft hood assembly of the unit heater, and burners



GLND/GLPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger

- Intermittent pilot ignition only operates when required

Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GLND010ADG10000	NG	100,000/80,000	115-1-60	36-1/4" x 17-7/8" x 24"	4"	173 lbs
GLPD010ADG10000	LP	100,000/80,000	115-1-60	36-1/4" x 17-7/8" x 24"	4"	173 lbs
GLND012ADG10000	NG	125,000/100,000	115-1-60	36-1/4" x 20-5/8" x 24"	4"	186 lbs
GLPD012ADG10000	LP	125,000/100,000	115-1-60	36-1/4" x 20-5/8" x 24"	4"	186 lbs
GLND015ADG10000	NG	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 24"	4"	197 lbs
GLPD015ADG10000	LP	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 24"	4"	197 lbs
GLND017ADG10000	NG	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 24"	4"	216 lbs
GLPD017ADG10000	LP	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 24"	4"	216 lbs
GLND020ADG10000	NG	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 24"	5"	232 lbs
GLPD020ADG10000	LP	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 24"	5"	232 lbs
GLND022ADG10000	NG	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 24"	5"	254 lbs
GLPD022ADG10000	LP	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 24"	5"	254 lbs
GLND025ADG10000	NG	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 24"	5"	263 lbs
GLPD025ADG10000	LP	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 24"	5"	263 lbs
GLND030ADG10000	NG	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 24"	6"	312 lbs
GLPD030ADG10000	LP	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 24"	6"	312 lbs
GLND035ADG10000	NG	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 24"	6"	389 lbs
GLPD035ADG10000	LP	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 24"	6"	389 lbs
GLND040ADG10000	NG	400,000/320,000	115-1-60	36-1/4" x 48-1/8" x 24"	6"	403 lbs
GLPD040ADG10000	LP	400,000/320,000	115-1-60	36-1/4" x 48-1/8" x 24"	6"	403 lbs

*Height is to top of the unit. Other dimensions are cabinet size

Equipment



Gas Unit Heaters

High-Efficiency Propeller Fan Gas-Fired Unit Heaters

Factory-installed power venter fan

- Sealed flue collector
- Energy saving spark ignition
- Pilot only operates when required
- Horizontal power venting
- 24V control system powered by a 24V transformer
- Factory-mounted fan time delay switch
- 10-Year warranty of the heat exchanger, draft hood assembly of the unit heater, and burners



GHND/GHPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger

- Intermittent pilot ignition only operates when required
- Suffix E = Vertical louvers

Equipment

Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GHND010ADG10000	NG	100,000/80,000	115-1-60	31-1/4" x 17-7/8" x 26-3/4"	4"	174 lbs
GHPD010ADG10000	LP	100,000/80,000	115-1-60	31-1/4" x 17-7/8" x 26-3/4"	4"	174 lbs
GHND012ADG10000	NG	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 26-3/4"	4"	197 lbs
GHPD012ADG10000	LP	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 26-3/4"	4"	197 lbs
GHND015ADG10000	NG	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 26-3/4"	4"	219 lbs
GHPD015ADG10000	LP	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 26-3/4"	4"	219 lbs
GHND017ADG10000	NG	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 26-3/4"	4"	238 lbs
GHPD017ADG10000	LP	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 26-3/4"	4"	238 lbs
GHND020ADG10000	NG	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 26-3/4"	5"	249 lbs
GHND020ADG1000E	NG	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 26-3/4"	5"	249 lbs
GHPD020ADG10000	LP	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 26-3/4"	5"	249 lbs
GHND022ADG10000	NG	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 26-3/4"	5"	275 lbs
GHPD022ADG10000	LP	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 26-3/4"	5"	275 lbs
GHND025ADG10000	NG	250,000/180,000	115-1-60	36-1/4" x 31-5/8" x 26-3/4"	5"	305 lbs
GHPD025ADG10000	LP	250,000/180,000	115-1-60	36-1/4" x 31-5/8" x 26-3/4"	5"	305 lbs
GHND030ADG10000	NG	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 26-3/4"	6"	350 lbs
GHPD030ADG10000	LP	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 26-3/4"	6"	350 lbs
GHND035ADG10000	NG	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 26-3/4"	6"	414 lbs
GHPD035ADG10000	LP	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 26-3/4"	6"	414 lbs
GHND040ADG10000	NG	400,000/320,000	115-1-60	36-1/4" x 49-1/8" x 26-3/4"	6"	461 lbs
GHPD040ADG10000	LP	400,000/320,000	115-1-60	36-1/4" x 49-1/8" x 26-3/4"	6"	461 lbs

*Height is to top of the unit. Other dimensions are cabinet size



Gas Unit Heaters

Separated Combustion Centrifugal Fan Gas-Fired Unit Heaters

- Balanced, centrifugal blower assembly
- Well-suited for high static applications where duct work is used
- Power vented, low static pressure type design
- 80% Thermal efficiency rating
- 24V control system powered by a 24V transformer
- Factory-mounted fan time delay switch
- Energy-saving ignition pilot control
- Burners, pilot, and flue system are enclosed within the unit
- 10-Year warranty of the heat exchanger, draft hood assembly of the unit heater, and burners



GKND/GKPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger

- Intermittent pilot ignition only operates when required

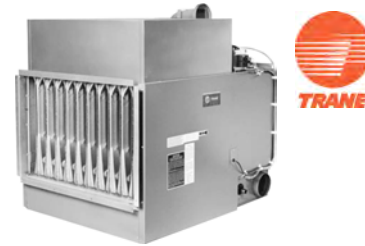
Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GKND010ADG10000	NG	100,000/80,000	115-1-60	31-1/4" x 17-7/8" x 42-3/4"	4"	298 lbs
GKPD010ADG10000	LP	100,000/80,000	115-1-60	31-1/4" x 17-7/8" x 42-3/4"	4"	298 lbs
GKND012ADG10000	NG	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 44-3/8"	4"	330 lbs
GKPD012ADG10000	LP	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 44-3/8"	4"	330 lbs
GKND015ADG10000	NG	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 44-3/8"	4"	362 lbs
GKPD015ADG10000	LP	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 44-3/8"	4"	362 lbs
GKND017ADG10000	NG	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 47-3/16"	4"	394 lbs
GKPD017ADG10000	LP	175,000/140,000	115-1-60	36-1/4" x 23-3/8" x 47-3/16"	4"	394 lbs
GKND020ADG10000	NG	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 47-3/16"	5"	426 lbs
GKPD020ADG10000	LP	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 47-3/16"	5"	426 lbs
GKND022ADG10000	NG	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 50-7/8"	5"	458 lbs
GKPD022ADG10000	LP	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 50-7/8"	5"	458 lbs
GKND025ADG10000	NG	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 48"	5"	490 lbs
GKPD025ADG10000	LP	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 48"	5"	490 lbs
GKND030ADG10000	NG	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 50-7/8"	6"	558 lbs
GKPD030ADG10000	LP	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 50-7/8"	6"	558 lbs
GKND035ADG10000	NG	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 50-7.8"	6"	618 lbs
GKPD035ADG10000	LP	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 50-7.8"	6"	618 lbs
GKND040ADG10000	NG	400,000/320,00	115-1-60	36-1/4" x 48-1/8" x 51"	6"	678 lbs
GKPD040ADG10000	LP	400,000/320,00	115-1-60	36-1/4" x 48-1/8" x 51"	6"	678 lbs

*Height is to top of the unit. Other dimensions are cabinet size

Gas Unit Heaters

Separated Combustion Indoor Gas-Fired Duct Unit Heaters

- Designed for installation in dusty, dirty or mildly corrosive environments or where high humidity or slightly negative pressures exist
- The burners, pilot, and flue system are totally enclosed
- 10-Year warranty of the heat exchanger, draft hood assembly of the unit heater, and burners



GMND/GMPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger

- Intermittent pilot ignition only operates when required

Equipment

Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GMND010ADG10000	NG	100,000/80,000	115-1-60	36" x 17-7/8" x 40"	4"	161 lbs
GMPD010ADG10000	LP	100,000/80,000	115-1-60	36" x 17-7/8" x 40"	4"	161 lbs
GMND012ADG10000	NG	125,000/100,000	115-1-60	36" x 20-5/8" x 40"	4"	180 lbs
GMPD012ADG10000	LP	125,000/100,000	115-1-60	36" x 20-5/8" x 40"	4"	180 lbs
GMND015ADG10000	NG	150,000/120,000	115-1-60	36" x 20-5/8" x 40"	4"	188 lbs
GMPD015ADG10000	LP	150,000/120,000	115-1-60	36" x 20-5/8" x 40"	4"	188 lbs
GMND017ADG10000	NG	175,000/140,000	115-1-60	36" x 23-3/8" x 40"	4"	207 lbs
GMPD017ADG10000	LP	175,000/140,000	115-1-60	36" x 23-3/8" x 40"	4"	207 lbs
GMND020ADG10000	NG	200,000/160,000	115-1-60	36" x 26-1/8" x 40"	5"	227 lbs
GMPD020ADG10000	LP	200,000/160,000	115-1-60	36" x 26-1/8" x 40"	5"	227 lbs
GMND022ADG10000	NG	225,000/180,000	115-1-60	36" x 28-7/8" x 40"	5"	246 lbs
GMPD022ADG10000	LP	225,000/180,000	115-1-60	36" x 28-7/8" x 40"	5"	246 lbs
GMND025ADG10000	NG	250,000/200,000	115-1-60	36" x 31-5/8" x 40"	5"	266 lbs
GMPD025ADG10000	LP	250,000/200,000	115-1-60	36" x 31-5/8" x 40"	5"	266 lbs
GMND030ADG10000	NG	300,000/240,000	115-1-60	36" x 37-1/8" x 40"	6"	305 lbs
GMPD030ADG10000	LP	300,000/240,000	115-1-60	36" x 37-1/8" x 40"	6"	305 lbs
GMND035ADG10000	NG	350,000/280,000	115-1-60	36" x 42-5/8" x 40"	6"	344 lbs
GMPD035ADG10000	LP	350,000/280,000	115-1-60	36" x 42-5/8" x 40"	6"	344 lbs
GMND040ADG10000	NG	400,000/320,000	115-1-60	36" x 48-1/8" x 40"	6"	383 lbs

*Height is to top of the unit. Other dimensions are cabinet size



Gas Unit Heaters

Separated Combustion Propeller Fan Gas-Fired Unit Heaters

- Power vented, low static pressure type design
- 80% Thermal efficiency rating
- 24V control system powered by a 24V transformer
- Factory-mounted fan time delay switch
- Energy-saving ignition pilot control
- Burners, pilot, and flue system are enclosed within the unit
- 10-Year warranty of the heat exchanger, draft hood assembly of the unit heater, and burners



GAND/GAPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger

- Intermittent pilot ignition only operates when required

Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GAND010ADG10000	NG	100,000/80,000	115-1-60	31-1/4" x 17-7/8" x 26-3/4"	4"	200 lbs
GAND012ADG10000	NG	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 26-3/4"	4"	228 lbs
GAPD012ADG10000	LP	125,000/100,000	115-1-60	31-1/4" x 20-5/8" x 26-3/4"	4"	228 lbs
GAND015ADG10000	NG	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 26-3/4"	4"	256 lbs
GAPD015ADG10000	LP	150,000/120,000	115-1-60	36-1/4" x 20-5/8" x 26-3/4"	4"	256 lbs
GAND017ADG10000	NG	175,000/120,000	115-1-60	36-1/4" x 20-1/4" x 26-3/4"	4"	284 lbs
GAPD017ADG10000	LP	175,000/120,000	115-1-60	36-1/4" x 20-1/4" x 26-3/4"	4"	284 lbs
GAND020ADG10000	NG	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 26-3/4"	5"	312 lbs
GAPD020ADG10000	LP	200,000/160,000	115-1-60	36-1/4" x 26-1/8" x 26-3/4"	5"	312 lbs
GAND022ADG10000	NG	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 26-3/4"	5"	340 lbs
GAPD022ADG10000	LP	225,000/180,000	115-1-60	36-1/4" x 28-7/8" x 26-3/4"	5"	340 lbs
GAND025ADG10000	NG	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 26-3/4"	5"	368 lbs
GAPD025ADG10000	LP	250,000/200,000	115-1-60	36-1/4" x 31-5/8" x 26-3/4"	5"	368 lbs
GAND030ADG10000	NG	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 26-3/4"	6"	432 lbs
GAPD030ADG10000	LP	300,000/240,000	115-1-60	36-1/4" x 37-1/8" x 26-3/4"	6"	432 lbs
GAND035ADG10000	NG	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 26-3/4"	6"	488 lbs
GAPD035ADG10000	LP	350,000/280,000	115-1-60	36-1/4" x 42-5/8" x 26-3/4"	6"	488 lbs
GAND040ADG10000	NG	400,000/320,000	115-1-60	36-1/4" x 48-1/8" x 26-3/4"	6"	545 lbs
GAPD040ADG10000	LP	400,000/320,000	115-1-60	36-1/4" x 48-1/8" x 26-3/4"	6"	545 lbs

*Height is to top of the unit. Other dimensions are cabinet size

Fan Guard

Part #	Description
GRD01482	24" Wire Fan Guard



Gas Unit Heaters

Tubular Gas-Fired Direct Spark Propeller Unit Heaters

- Power-vented, low static pressure type heater
- 10-Year warranty of the heat exchanger, draft hood assembly of the unit heater, and burners
- Direct spark ignition



GTND/GTPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger - 30 - 120 Unit Sizes

Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GTND003ATG10000	NG	30,000/24,900	115-1-60	12-3/8" x 30" x 25-7/8"	10"	70 lbs
GTND004ATG10000	NG	45,000/37,350	115-1-60	12-3/8" x 30" x 25-7/8"	10"	75 lbs
GTPD004ATG10000	LP	45,000/37,350	115-1-60	12-3/8" x 30" x 25-7/8"	10"	75 lbs
GTND006ATG10000	NG	60,000/49,800	115-1-60	15-7/8" x 30" x 26-3/16"	14"	90 lbs
GTPD006ATG10000	LP	60,000/49,800	115-1-60	15-7/8" x 30" x 26-3/16"	14"	90 lbs
GTND007ATG10000	NG	75,000/61,500	115-1-60	15-7/8" x 30" x 26-3/16"	14"	95 lbs
GTPD007ATG10000	LP	75,000/61,500	115-1-60	15-7/8" x 30" x 26-3/16"	14"	95 lbs
GTND009ATG10000	NG	90,000/73,800	115-1-60	22-5/8" x 30" x 26-3/8"	16"	110 lbs
GTPD009ATG10000	LP	90,000/73,800	115-1-60	22-5/8" x 30" x 26-3/8"	16"	110 lbs
GTND011ATG10000	NG	105,000/86,100	115-1-60	22-5/8" x 30" x 26-3/8"	16"	115 lbs
GTPD011ATG10000	LP	105,000/86,100	115-1-60	22-5/8" x 30" x 26-3/8"	16"	115 lbs
GTND120ATG10000	NG	120,000/98,400	115-1-60	22-5/8" x 30" x 26-3/8"	16"	120 lbs
GTPD120ATG10000	LP	120,000/98,400	115-1-60	22-5/8" x 30" x 26-3/8"	16"	120 lbs

GTND/GTPD Single-Stage Unit Heater with Aluminized Steel Heat Exchanger - 150 - 400 Unit Sizes

Part #	Gas Type	BTUH Input/Output	Electrical	Dimensions* H x W x D	Flue Size	Approx Ship Wt
GTND015ATG10000	NG	150,000/124,500	115-1-60	33-3/4" x 20-3/4" x 11"	5"	195 lbs
GTPD015ATG10000	LP	150,000/124,500	115-1-60	33-3/4" x 20-3/4" x 11"	5"	195 lbs
GTND017ATG10000	NG	175,000/145,250	115-1-60	33-3/4" x 32-3/4" x 11"	5"	241 lbs
GTPD017ATG10000	LP	175,000/145,250	115-1-60	33-3/4" x 32-3/4" x 11"	5"	241 lbs
GTND020ATG10000	NG	200,000/166,000	115-1-60	33-3/4" x 32-3/4" x 11"	5"	251 lbs
GTPD020ATG10000	LP	200,000/166,000	115-1-60	33-3/4" x 32-3/4" x 11"	5"	251 lbs
GTND025ATG10000	NG	250,000/207,500	115-1-60	33-3/4" x 32-3/4" x 11"	5"	261 lbs
GTPD025ATG10000	LP	250,000/207,500	115-1-60	33-3/4" x 32-3/4" x 11"	5"	261 lbs
GTND030ATG10000	NG	300,000/249,000	115-1-60	34" x 50-3/4" x 12-1/4"	6"	367 lbs
GTPD030ATG10000	LP	300,000/249,000	115-1-60	34" x 50-3/4" x 12-1/4"	6"	367 lbs
GTND035ATG10000	NG	350,000/290,500	115-1-60	34" x 50-3/4" x 12-1/4"	6"	381 lbs
GTPD035ATG10000	LP	350,000/290,500	115-1-60	34" x 50-3/4" x 12-1/4"	6"	381 lbs
GTND040ATG10000	NG	400,000/332,000	115-1-60	34" x 50-3/4" x 12-1/4"	6"	335 lbs
GTPD040ATG10000	LP	400,000/332,000	115-1-60	34" x 50-3/4" x 12-1/4"	6"	335 lbs

* Overall height to top of flue, jacket width, depth to rear of housing



Condenser Covers

Condenser Covers

- Durable molded PVC vent attached to a custom-made air conditioner cover
- UV Protection
- Anti-cold crack
- Fire retardant
- Mildew and fungus free
- Includes innerflow device
- 10-Year warranty



American Standard PVC Condenser Cover

Part #	Fits Unit Size
COV03662	26" x 29" x 26"
COV03664	33" x 29" x 26"
COV04123	29" x 33" x 30"
COV03665	33" x 33" x 30"
COV03666	37" x 33" x 30"
COV03668	33" x 37" x 34"
COV03669	37" x 37" x 34"
COV03670	41" x 37" x 34"
COV04011	45" x 37" x 34"
COV04375	29" x 37" x 34"
COV04160	28-3/4" x 25 1/2" x 23-1/4"
COV04161	28-3/4" x 29-1/4" x 28-1/2"

Trane Standard PVC Condenser Cover

Part #	Fits Unit Size
COV03509	26" x 29" x 26"
COV04158	28-3/4" x 25-1/2" x 23-1/4"
COV04159	28-3/4" x 29-1/4" x 28-1/2"
COV04205	29" x 37" x 34"
COV04122	29" x 33" x 30"
COV03512	33" x 29" x 26"
COV03513	33" x 33" x 30"
COV03514	37" x 33" x 30"
COV03516	33" x 37" x 34"
COV03517	40" x 33" x 30"
COV03518	44" x 33" x 30"
COV03520	42" x 37" x 34"
COV03521	46" x 37" x 34"
COV03522	50" x 37" x 34"
COV03623	41" x 37" x 34"
COV03745	37" x 37" x 34"
COV03523	54" x 37" x 34"
COV04010	45" x 37" x 34"

Equipment

Keep your equipment running with Your One Stop Compressor Shop!
Thousands of Trane and wholesale compressors available to meet your equipment needs.



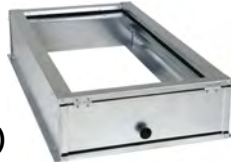
YOUR ONE STOP COMPRESSOR SHOP!

- Wide variety of compressors: Trane, Copeland, Tecumseh, Danfoss, Bristol, and more
- Huge cast iron compressor inventory, nationwide stocking locations, at a competitive price!
 - Trane, Copeland, Carrier, Carlyle, and York remanufactured compressors available

Installation Accessories

Filter Bases

- Hinged door
- Built for standard filters
- Gasketed door
- Fully insulated



McDaniel Metals

Accommodator (Electric Furnace)

- Short base (3-3/4") accommodates 1" or 2" filters
- Tall base (5-3/4") accommodates 1", 2" or 4" filters

Part #	Mfg #	Description
HUS03535	ACE2020-3	3-3/4"H x 21-3/8"W x 22"L, 18-7/8" x 19" Duct Opening
HUS03536	ACE2025-3	3-3/4"H x 26-3/8"W x 22"L, 23-7/8" x 19" Duct Opening
HUS03530	ACE2020-6	5-3/4"H x 21-3/8"W x 22"L, 18-7/8" x 19" Duct Opening

Accommodator (Gas Furnace)

McDaniel Metals

Part #	Mfg #	Description
HUS03525	ACG 1625-3	3-3/4"H x 17-3/8"W x 28-1/2"L, 14-7/8" x 26-1/2" Duct Opening
HUS03526	ACG 2025-3	3-3/4"H x 21-3/8"W x 28-1/2" L, 18-7/8" x 26-1/2" Duct Opening
HUS03521	ACG 1625-6	5-3/4"H x 17-3/8"W x 28-1/2" L, 14-7/8" x 26-1/2" Duct Opening

Filter Housings

Baseline 2.0 Filter Housing

- 22 Gauge construction
- Gasketed door ensures tight seal
- Rounded corners for safer handling
- 1" or 2" Filter option



McDaniel Metals

Part #	Mfg #	Description
HUS03836	BLG2-1425-3	3-3/4"H x 15-3/8"W x 28-3/8"L, 12-7/8" x 26-1/2" Duct Opening
HUS03837	BLG2-1625-3	3-3/4"H x 17-3/8"W x 28-3/8"L, 14-7/8" x 26-1/2" Duct Opening
HUS03838	BLG2-2025-3	3-3/4"H x 21-3/8"W x 28-3/8"L, 18-7/8" x 26-1/2" Duct Opening
HUS03839	BLG2-2424-3	3-3/4"H x 25-3/8"W x 28-3/8"L, 22-7/8" x 26-1/2" Duct Opening

Horizontal Filter Housing

- Accommodates standard filter sizes in 1", 2" or 4" thickness
- Fully insulated
- HR Models include duct flange
- HRB Models blocked on both sides



HRB



HR

Part #	Mfg #	Description
HUS03546	HR20	20"H x 6-5/8"W x 25-1/2"L, 19-3/4" x 19" Duct Opening
HUS03547	HR25	25"H x 6-5/8"W x 20-1/2"L, 19-3/4" x 19" Duct Opening
HUS03548	HRB20	20"H x 6-5/8"W x 25-1/2"L, less Duct Opening

Filter Racks

Labor Saver Filter Rack

- For gas furnaces and electric air handlers
- Adjustable rack for 1", 2" and 4" filters
- Uses standard filter sizes
- Easy, dual-sized access
- Lined with 1" insulation
- Embossed, heavy gauge steel construction
- Hardware-free filter access
- Elevated boxes
- Filter positioned on angle for maximum surface area
- Raises furnace to plenum for efficient installation



McDaniel Metals

Part #	Mfg #	Description
HUS03539	LS2840	28-1/2" x 26-1/2" x 19" for 24" x 24" Filter Size

Installation Accessories

Heater Platforms

- Fully welded
- Horizontal
- 22 Gauge galvanized steel drain pan
- 20 Gauge galvanized steel heater stands



McDaniel Metals

Part #	Mfg #	Size
BAS02071	JOHFP3048	30" x 48"

Heater Stands

- 20 Gauge galvanized steel



McDaniel Metals

Part #	Mfg #	Size
BAS1788	HS630	6" x 30"
BAS1789	HS930	9" x 30"

Plenums

- 2-Piece, L-shaped side construction
- 4-Piece construction



Plenum for 4FXC Coil, R-6 Liner

McDaniel Metals

Part #	Mfg #	Size
PLN01379	123/4X193/4X36R	12-3/4" x 19-3/4" x 36"
PLN01380	153/4X193/4X36R	15-3/4" x 19-3/4" x 36"
PLN01381	191/4X193/4X36R	19-3/4" x 19-3/4" x 36"
PLN01382	223/4X193/4X36R	22-3/4" x 19-3/4" x 36"

Plenum for 4FXCH Coil, R-6 Liner

McDaniel Metals

Part #	Mfg #	Size
PLN01384	161/2X181/2X36R	16-1/2" x 18-1/2" x 36"
PLN01385	201/2X181/2X36R	20-1/2" x 18-1/2" x 36"

Plenum for 4FXFH Coil, R-6 Liner

McDaniel Metals

Part #	Mfg #	Size
PLN01383	30X21X36R	30" x 21" x 36"
HUS04059	341/4X211/4X36R8	34-1/4" x 21-1/4" x 36"

Supply Plenum for 4FWCF & 4FWHF Coil

McDaniel Metals

Part #	Mfg #	Description
PLN01363	181/4X15X36R	18-1/4" x 15" x 36", R-6 Liner
PLN01367	181/4X15X36R8	18-1/4" x 15" x 36", R-8 Liner
PLN01365	181/4X15X48R	18-1/4" x 15" x 48", R-6 Liner
PLN01369	181/4X15X48R8	18-1/4" x 15" x 48", R-8 Liner
PLN01386	213/4X151/2X36R	21-3/4" x 15-1/2" x 36", R-6 Liner
PLN01387	213/4X151/2X48R	21-3/4" x 15-1/2" x 48", R-6 Liner

Return Plenum for 4FWCF & 4FWHF Coil, R-6 Liner

McDaniel Metals

Part #	Mfg #	Size
HUS04058	153/4X183/4X36R	15-3/4" x 18-3/4" x 36"
PLN01394	191/2X19X36R	19-1/2" x 19" x 36"

Plenum for ADP Coil, R8 Liner

McDaniel Metals

	Size
HUS04041 ADP-T1R8	19-5/8" x 13-3/4" - 26-5/8" x 21-1/4"
HUS04042 ADP-T2R8	19-5/8" x 16-3/4" - 26-5/8" x 21-1/4"
HUS04043 ADP-T3R8	19-5/8" x 20-1/4" - 26-5/8" x 21-1/4"
HUS04044 ADP-T4R8	19-5/8" x 16-3/4" - 36-5/8" x 21-1/4"
HUS04045 ADP-T5R8	19-5/8" x 20-1/4" - 36-5/8" x 21-1/4"
HUS04046 ADP-T6R8	19-5/8" x 16-3/4" - 42-5/8" x 21-1/4"
HUS04047 ADP-T7R8	19-5/8" x 20-1/4" - 42-5/8" x 21-1/4"

Plenum for GAF218-36 Plenum, R-6 Liner

McDaniel Metals

Part #	Mfg #	Size
HUS04056	17X143/4X36R	17" x 14-3/4" x 36"
HUS04057	17X143/4X48R	17" x 14-3/4" x 48"



Installation Accessories

3' Plenum with R-6 Liner

McDaniel Metals

Part #	Description
PLN01026	23-1/2" x 13" R/A
PLN01027	23-1/2" x 15", R/A
PLN01028	23-1/2" x 19-1/2", R/A
PLN01030	18" x 19-1/2", R/A
PLN01031	18" x 21-1/2", R/A
PLN01034	25" x 15", R/A
PLN01035	25" x 18-1/2", R/A
PLN01233	14-1/2" x 14-3/8"
PLN01234	18-3/8" x 14-3/8"
PLN01242	17-1/8" x 14-1/2"
PLN01235	20-1/2" x 14-3/8"
PLN01243	17-1/8" x 18-3/8"
PLN01244	17-1/8" x 20-1/2"

4' Plenum with R-6 Liner

McDaniel Metals

Part #	Size
PLN01237	18-3/8" x 14-3/8"
PLN01238	20-1/2" x 14-3/8"

5' Plenum

McDaniel Metals

- 24 Gauge galvanized steel

Part #	Mfg #	Description
PLN01066	5PLN24.37514.0625	24-3/8" x 14-1/16", 1-1/4" Out
PLN01067	5PLN18.062516.1875	18-1/16" x 16-3/16", 1-1/4" Out
PLN01068	5PLN33.7517.75	33-3/4" x 17-3/4", 1-1/4" Out

Plenum with Strengthening Beads, 1-1/2" Liner

- Insulated

McDaniel Metals

Part #	Size
PLN01003	19-1/2" x 24" x 24"
PLN01002	16" x 24" x 24"

Plenum with Strengthening Beads, 2" Liner

- Insulated

McDaniel Metals

Part #	Size
PLN01350	15-3/4" x 19-3/8" x 36"
PLN01351	19-1/8" x 19-3/8" x 36"

3' Plenum with Strengthening Beads, 1-1/2" Liner

- 26 Gauge galvanized
- Insulated

McDaniel Metals

Part #	Size
PLN00923	12-1/2" x 19-1/2"
PLN00924	12" x 21-1/2"
PLN00925	12" x 24"
PLN00926	15-1/2" x 19-1/2"
PLN00927	19-1/2" x 19-1/2"
PLN00928	19-1/2" x 22-1/2"
PLN00929	20" x 25"
PLN00930	24" x 21"
PLN00931	33-1/4" x 21"
PLN00932	33-1/4" x 27"
PLN01122	15-3/4" x 19-3/8"
PLN01123	19-1/8" x 19-3/8"
PLN01125	24" x 21"
PLN01126	33-1/4" x 21"
PLN01127	33-1/4" x 27"
PLN01124	23-1/8" x 19-3/8"

4' Plenum with Strengthening Beads, 1-1/2" Liner

- Insulated

McDaniel Metals

Part #	Size
PLN00941	15-1/2" x 19-1/2"
PLN00942	19-1/2" x 19-1/2"
PLN00946	33-1/4" x 21"
PLN00981	21-1/2" x 12-1/4"

Plenum with Strengthening Beads, 2" Liner

- Insulated

McDaniel Metals

Part #	Size
PLN01350	15-3/4" x 19-3/8" x 36"
PLN01351	19-1/8" x 19-3/8" x 36"
PLN01355	33-1/4" x 21" x 36"
PLN01356	33-1/4" x 27" x 36"



Installation Accessories

Transitions

Transition for 4FXFH Coil, 16" Long, 3" Rise

McDaniel Metals

Part #	Mfg #	Description
HUS04060	FXFH-T5R8	19-5/8" x 20-1/4" - 34-1/4" x 21-1/4"
HUS04052	TAUDFXFH24R	19-5/8" x 13-1/2" - 16" x 21"
HUS04053	TAUDFXFH36R	19-5/8" x 16-1/4" - 30" x 21"
HUS04055	TAUDFXFH60DR	19-5/8" x 23-1/4" - 30" x 21"
HUS04054	TAUDFXFH60R	19-5/8" x 19-3/4" - 30" x 21"

Transition for 4FXFH Coil, R8 Liner

McDaniel Metals

Part #	Mfg #	Description
HUS04048	FXFH-T1R8	19-5/8" x 13-3/4" - 16" x 21"
HUS04049	FXFH-T2R8	19-5/8" x 16-3/4" - 16" x 21"
HUS04050	FXFH-T3R8	19-5/8" x 16-3/4" - 30" x 21"
HUS04051	FXFH-T4R8	19-5/8" x 20-1/4" - 30" x 21"

Transitions with Strengthening Beads, 1-1/2" Liner

- 26 Gauge galvanized steel
- 18" Long with 8" sleeve

McDaniel Metals

Part #	Description
TRA00009	19-3/4" x 19-3/4" - 33-1/4" x 21"
TRA00010	19-3/4" x 19-3/4" - 33-1/4" x 27"
TRA00034	19-5/8" x 13-1/4" - 24" x 21"
TRA00035	19-5/8" x 13-1/4" - 33-1/4" x 21"
TRA00036	19-5/8" x 16-1/4" - 24" x 21"
TRA00012	19-5/8" x 16-1/4" - 33-1/4" x 21"
TRA00039	19-5/8" x 19-3/4" - 33-1/4" x 21"
TRA00040	19-5/8" x 19-3/4" - 33-1/4" x 27"

Transitions with Strengthening Beads, 2" Liner

- 26 Gauge galvanized
- 18" Long with 8" sleeve

McDaniel Metals

Part #	Mfg #	Description
HUS04034	TE48X63-R8	19-5/8" x 19-3/4" - 33-1/4" x 27"
HUS04031	TE36X48-R8	19-5/8" x 16-1/4" - 33-1/4" x 21"
HUS04033	TE48X48-R8	19-5/8" x 19-3/4" - 33-1/4" x 21"

Equipment

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Air Filters

Antimicrobial Treated Filters

Bio-Pure® Max Pleated Panel Filter

- MERV 7
- Two-piece, die cut, high wet strength beverage board
- Cotton and polyester fiber media
- Pleats formed with expanded metal grid
- Pleat count: 10 pleats per foot



Part #	Mfg #	Size
AG1501202	1501202	16" x 25" x 2"
AG1501204	1501204	20" x 25" x 2"

Bio-Pure® Pleated Panel Filter

- MERV 7
- Two-piece, die cut, high wet strength beverage board
- Cotton and polyester fiber media
- Pleats formed with expanded metal grid
- Pleat count: 14 pleats per foot



Part #	Mfg #	Size
AG1500205	1500205	24" x 24" x 2"

Filter Efficiency - 60-65% MERV 11

Part #	Mfg #	Size	Pockets
AG0574892	0574892	20" x 20" x 29"	5
AG0574895	0574895	20" x 24" x 12"	5
AG0574364	0574364	20" x 24" x 29"	6
AG0574868	0574868	24" x 24" x 14"	6
AG0574714	0574714	24" x 24" x 18"	6
AG0574518	0574518	24" x 24" x 22"	6
AG0574042	0574042	24" x 24" x 36"	6
AG0574743	0574743	24" x 24" x 12"	8
AG0574490	0574490	24" x 24" x 22"	9

Filter Efficiency - 80-85% MERV 13

Part #	Mfg #	Size	Pockets
AG0572872	0572872	20" x 20" x 18"	5
AG0572336	0572336	24" x 20" x 29"	5
AG0572826	0572826	24" x 24" x 15"	6
AG0572266	0572266	24" x 24" x 29"	6
AG0572042	0572042	24" x 24" x 36"	6
AG0572490	0572490	24" x 24" x 22"	8

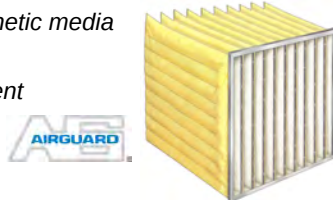
Filter Efficiency - 90-95% MERV 14

Part #	Mfg #	Size	Pockets
AG0570744	0570744	24" x 12" x 12"	3
AG0570728	0570728	24" x 12" x 18"	3
AG0672979	0672979	24" x 12" x 18"	3
AG0570560	0570560	24" x 12" x 22"	3
AG0570658	0570658	20" x 20" x 22"	5
AG0571036	0571036	24" x 20" x 12"	5
AG0570950	0570950	20" x 24" x 18"	6
AG0570368	0570368	20" x 24" x 30"	6
AG0570965	0570965	24" x 20" x 12"	6
AG0570865	0570865	24" x 24" x 12"	6
AG0570714	0570714	24" x 24" x 18"	6
AG0672097	0672097	24" x 24" x 19"	6
AG0570518	0570518	24" x 24" x 22"	6
AG0570602	0570602	24" x 20" x 22"	7
AG0570686	0570686	24" x 24" x 18"	8
AG0570238	0570238	24" x 24" x 29"	8
AG0570672	0570672	24" x 24" x 18"	9
AG0570462	0570462	24" x 24" x 22"	10
AG0570766	0570766	24" x 24" x 30"	10

Extended Surface Pocket Filters

Clean-Pak™ Synthetic Sonic Weld Pocket Filter

- Dual layer microfine synthetic media
- Moisture resistant
- Fail-safe pocket attachment
- UL Class 2



Filter Efficiency - 40-50% MERV 9

Part #	Mfg #	Size	Pockets
AG0652801	0652801	24" x 24" x 18"	6

Filter Efficiency - 50-55% MERV 10

Part #	Mfg #	Size	Pockets
AG0582960	0582960	24" x 20" x 18"	5
AG0576798	0576798	24" x 24" x 21"	6
AG0576490	0576490	24" x 24" x 22"	8



Air Filters

Multi-Guard™ High Efficiency Extended Surface Pocket Filters

- Electrostatically enhanced, dual-stage, thermally bonded synthetic media
- Low resistance
- High initial and average efficiency
- Water repellent fibers
- Unaffected by high humidity
- No off gassing of VOC's



Filter Efficiency - 80-85%

Part #	Mfg #	Size	Pockets
AG0607648	0607648	24" x 24" x 19"	8

Filter Efficiency - 90-95%

Part #	Mfg #	Size	Pockets
AG0609685	0609685	24" x 24" x 30"	10

SynPak Self-Supported Pocket Filter

- MERV 8
- Two-layer 100% Polyester media
- Moisture resistant
- Self-sealing design
- Works in front, rear or side access units
- UL Class 2



Part #	Mfg #	Size
AG0310005	0310005	24" x 24" x 15"

Venti-Pak® Microglass Sewn Pocket Filter

- Sewn double-lock stick provides high burst strength
- Thermoplastic sealant applied over stitch lines
- Fail-safe pocket attachment
- UL Class 2



Filter Efficiency - 50-55% MERV 10

Part #	Mfg #	Size	Pockets
AG0641600	0641600	20" x 25" x 14"	5
AG0641920	0641920	24" x 24" x 14"	6

Filter Efficiency - 60-65% MERV 11

Part #	Mfg #	Size	Pockets
AG0631324	0631324	20" x 24" x 22"	6
AG0631578	0631578	24" x 24" x 12"	6
AG0670663	0670663	24" x 24" x 15"	6
AG0630308	0630308	24" x 24" x 29"	6

Filter Efficiency - 80-85% MERV 12

Part #	Mfg #	Size	Pockets
AG0620408	0620408	24" x 24" x 22"	6
AG0670854	0670854	24" x 24" x 22"	10

Filter Efficiency - 90-95% MERV 13

Part #	Mfg #	Size	Pockets
AG0610408	0610408	24" x 24" x 22"	6

Gas Phase Absorber Disposable Filters

Fresh Air™ Activated Carbon Pleated Filter

- MERV 7
- 100% Synthetic media
- Self-supported, no metal
- Combination media removed particulate plus gases and odors
- Moisture resistant beverage board frame
- Carbon loading: 200g per square meter of 60% activity carbon



Part #	Mfg #	Size
AG0410104	0410104	20" x 25" x 1"
AG0410201	0410201	16" x 20" x 2"
AG0410202	0410202	16" x 25" x 2"
AG0410203	0410203	20" x 20" x 2"
AG0410204	0410204	20" x 25" x 2"
AG0410205	0410205	24" x 24" x 2"

Do not see the filter you need?

Contact your local Parts Distributor to find out about our full offering on particle filtration products. We have availability to many standard and custom sized filters. Our partnership with Airguard allows us to meet your filtration needs.

Air Filters

Fresh Air Supreme™ Carbon Pleated Panel Filter

- MERV 8
- 100% Synthetic media
- Self-supported, no metal
- Moisture resistant, die cut beverage board frame
- Carbon loading: 250g per square meter



Part #	Mfg #	Size
AG0420504	0420504	20" x 25" x 2"

Vari-Klean™ Ultra High Efficiency Gas Phase Absorber

- Chemical filtration for continuous removal of low-level concentrations of AMC
- High first pass removal efficiency
- Low resistance and carbon shedding
- High activity carbon and carbon loading



Part #	Mfg #	Size
AG1540203	1540203	20" x 20" x 12"
AG1540211	1540211	20" x 24" x 12"

Vari-Pure High Capacity Gas Phase Absorber

- High activity coconut shell carbon
- Vari-sock afterfilter for dust prevention
- V-Bank design



Part #	Mfg #	Size
AG1509400	1509400	24" x 24" x 12"

Gas Turbine Air Intake Filters

Duraflow® XL Series High Efficiency Barrier Filter

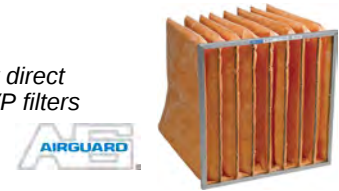
- MERV 14
- Water repellent microglass media
- Media pack caulking
- Expanded steel faceguard
- Galvanized steel sides
- For normal to extra heavy service conditions
- Air flow rating: 625 fpm



Part #	Mfg #	Size
AG2904354	2904354	24" x 24" x 12"

Vari-Pad™ Prefilter

- Polyester pocket filter for direct mounting on Vari+Plus VP filters



Part #	Mfg #	Size
AG1116847	1116847	24" x 24" x 12"

HEPA & ULPA Filters

Micro Guard® 95 HEPA & ULPA Filter

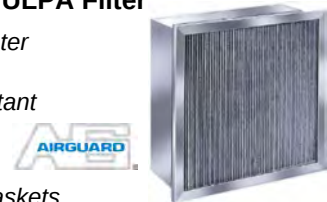
- Efficiency: 95% DOP
- Waterproof and heat resistant media up to 1000°F
- Score fold pleat design
- 3/4" x 1/4" Downstream gaskets



Part #	Mfg #	Description
AG2959055	2959055	20-3/4" x 30" x 11-1/2" 16ga Galvanized Steel Metal C-Style Frame

Micro Guard® 99 HEPA & ULPA Filter

- Efficiency: 99.97% or greater on 0.3 micron
- Waterproof and heat resistant media up to 1000°F
- Score fold pleat design
- 3/4" x 1/4" Downstream gaskets



Standard Capacity - 1000 CFM

Part #	Mfg #	Description
AG2979362	2979362	10" x 10" x 5-7/8" 16ga Galvanized Steel, Metal C-Style Frame
AG2979129	2979129	11-3/8" x 23-3/8" x 11-1/2" 18ga Galvanized Steel, DTF
AG2970316	2970316	12" x 24" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2979223	2979223	18" x 13" x 5-7/8" 16ga Galvanized Steel, Metal C-Style Frame
AG2979764	2979764	20" x 20" x 11-1/2" 18ga Galvanized Steel, 3/4" x 3/4" Metal Header
AG2970280	2970280	23-3/8" x 23-3/8" x 11-1/2" 18 ga Galvanized Steel, DTF



Air Filters

HEPA & ULPA Filters (Continued)

Micro Guard® 99 HEPA & ULPA Filter

Standard Capacity - 1000 CFM

Part #	Mfg #	Description
AG2970401	2970401	23-3/8" x 23-3/8" x 11-1/2" 18ga Galvanized Steel, 3/4" x 3/4" Metal Header
AG2971406	2971406	24" x 12" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2979899	2979899	24" x 12" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame, Gel Seal
AG2970002	2970002	24" x 24" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2970258	2970258	24" x 24" x 11-1/2" 18ga Galvanized Steel, DTF
AG2970001	2970001	24" x 24" x 11-1/2" Particle Board
AG2970157	2970157	24" x 30" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2970184	2970184	24" x 30" x 11-1/2" Particle Board

High Capacity - 2000 CFM

Part #	Mfg #	Description
AG2971408	2971408	12" x 24" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2995257	2995257*	18" x 24" x 11-1/2" Anodized Aluminum, 99.99% Efficiency
AG2970754	2970754	23-3/8" x 23-3/8" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2971988	2971988	24" x 12" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2977294	2977294	24" x 12" x 11-1/2" 18ga Galvanized Steel, 3/4" x 3/4" Metal Header
AG2970315	2970315	24" x 24" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2970117	2970117	24" x 24" x 11-1/2" 18ga Galvanized Steel, DTF
AG2978798	2978798	24" x 24" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame, Gel Seal

HEPA & ULPA Filters (Continued)

Micro Guard® 99 HEPA & ULPA Filter

High Capacity - 2000 CFM

Part #	Mfg #	Description
AG2974023	2974023	24" x 24" x 11-1/2"; 18ga Galvanized Steel, 3/4" x 3/4" Metal Header
AG2970228	2970228	24" x 24" x 11-1/2" Particle Board
AG2970102	2970102	24" x 30" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame
AG2979114	2979114	30" x 24" x 11-1/2" 16ga Galvanized Steel, Metal C-Style Frame

Micro Guard® LR HEPA & ULPA Filter

- 99% Plus efficiency on 0.3 micron particles
- Low resistance
- Gasket seal
- UL Class 2



Part #	Mfg #	Description
AG2959186	2959186	23-3/8" x 23-3/8" x 11-1/2" Plastic, Single Header

Micropleat™ HEPA & ULPA Filter

- Mini-pleat bead separator pack
- Extruded aluminum construction
- UL Class 2



Micro-V 2000



Reverse Gel Seal



Gasket Seal

Gasket Seal Filter

Part #	Mfg #	Description
AG2996885	2996885	21" x 45" x 2-3/4", 99.99% Efficiency

HEPA Replacement for Fan Filter Module

Part #	Mfg #	Description
AG2997410	2997410	23-5/8" x 47-5/8" x 4-3/4", 99.99% Efficiency

Air Filters

Micro-V 2000™ High Capacity Filter

Part #	Mfg #	Description
AG2995903	2995903	24" x 12" x 11-1/2", 99.97% Efficiency

Reverse Gel Seal Filter

Part #	Mfg #	Description
AG2995252	2995252	17-3/4" x 17-3/4" x 2-7/8", 99.99% Efficiency
AG2995272	2995272	19-13/16" x 31-13/16" x 2-7/8", 99.99% Efficiency
AG2979834	2979834	19-13/16" x 43-13/16" x 2-7/8", 99.97% Efficiency

Mini-Pleat Filters

Vari+Plus® High Capacity Mini-Pleat Filter

- Double header, fully enclosed
- 95% DOP
- Temperature range: 0°F - 180°F
- Works in applications with up to 100% humidity



Efficiency - 80-85% MERV 13

Part #	Mfg #	Size
AG1117115	1117115	20" x 24" x 12"
AG1117103	1117103	24" x 12" x 12"
AG1117104	1117104	24" x 24" x 12"

Efficiency - 90-95% MERV 14

Part #	Mfg #	Size
AG1117004	1117004	24" x 24" x 12"

V-Force® Mini-Pleat Filter

- Exceeds LEED green requirement of MERV 13
- 100% Synthetic media
- Moisture and chemical resistant
- Fully incinerable
- Rigid cell, double-v design
- All plastic construction



Efficiency - 60-65% MERV 11

Part #	Mfg #	Size
AG1128603	1128603	12" x 24" x 12"

Mini-Pleat Filters (Continued)

V-Force® Mini-Pleat Filter

Efficiency - 60-65% MERV 11

Part #	Mfg #	Size
AG1128615	1128615	20" x 24" x 12"
AG1128604	1128604	24" x 24" x 12"

Efficiency - 80-85% MERV 13

Part #	Mfg #	Size
AG1128803	1128803	12" x 24" x 12"
AG1128813	1128813	20" x 20" x 12"
AG1128815	1128815	20" x 24" x 12"
AG1128804	1128804	24" x 24" x 12"

Efficiency - 90-95% MERV 14

Part #	Mfg #	Size
AG1128903	1128903	12" x 24" x 12"
AG1128913	1128913	20" x 20" x 12"
AG1128915	1128915	20" x 24" x 12"
AG1128904	1128904	24" x 24" x 12"
AG1128924	1128924	24" x 24" x 12", Reverse

Multi-Pocket Filters

Ultra II® Pocket Filter

- MERV 8
- Two-pocket model
- Graduated denier media construction
- Self-sealing
- No leakage
- Self-supported pocket construction
- Sensitive tack



Part #	Mfg #	Size
AG4131349	4131349	20" x 20" x 15"
AG4132570	4132570	20" x 24" x 15"
AG4131332	4131332	24" x 24" x 15"

Air Filters

Panel Filters

Purolator® Disposable Fiberglass Panel Filter

- Fiberglass media
- Pinch frame construction with scrim retainer
- Average arrestance: 72-75%



Part #	Mfg #	Size
AG5039701506	5039701506	14" x 25" x 1"
AG5039701509	5039701509	16" x 16" x 1"
AG5038901302	5038901302	16" x 20" x 1"
AG5038901303	5038901303	16" x 25" x 1"
AG5038901304	5038901304	20" x 20" x 1"
AG5038901305	5038901305	20" x 25" x 1"
AG5039002002	5039002002	16" x 20" x 2"
AG5039002003	5039002003	16" x 25" x 2"
AG5039002004	5039002004	20" x 20" x 2"
AG5039002005	5039002005	20" x 25" x 2"

Purolator® Disposable Synthetic Panel Filter

- Polyester synthetic media
- Pinch frame construction
- Average arrestance: 82-89%



Part #	Mfg #	Size
AG5039701501	5039701501	10" x 20" x 1"
AG5039701514	5039701514	12" x 20" x 1"
AG5039701511	5039701511	12" x 24" x 1"
AG5039701512	5039701512	14" x 20" x 1"
AG5039701508	5039701508	14" x 24" x 1"
AG5039797348	5039797348	14" x 30" x 1"
AG5039701502	5039701502	16" x 20" x 1"
AG5039701503	5039701503	16" x 25" x 1"
AG5039701504	5039701504	20" x 20" x 1"
AG5039701505	5039701505	20" x 25" x 1"
AG5039702501	5039702501	20" x 30" x 1"
AG5039803331	5039803331	15" x 20" x 2"
AG5039803257	5039803257	16" x 20" x 2"
AG5039803258	5039803258	16" x 24" x 2"
AG5039803259	5039803259	16" x 25" x 2"
AG5039803260	5039803260	18" x 24" x 2"
AG5039803261	5039803261	20" x 20" x 2"

Panel Filters (Continued)

Purolator® Disposable Synthetic Panel Filter

Part #	Mfg #	Size
AG5039803263	5039803263	20" x 25" x 2"
AG5039803264	5039803264	24" x 24" x 2"

The Activator™ Series 2-Ply Panel Filter

- MERV 6
- Dual layer upstream media with multi-denier, blended fiber
- Dense, needled downstream media
- Recommended for normal dirt loading applications
- No particle migration downstream
- Available as link or ring panel



Part #	Mfg #	Description
AG0245214	0245214	16" x 60" Link
AG0245215	0245215	16" x 80" Link
AG0243400043	0243400043	18" x 120" Link
AG0245016	0245016	20" x 75" Link
AG0245018	0245018	20" x 105" Link
AG0245177	0245177	24" x 72" Link
AG0245179	0245179	24" x 120" Link
AG0245115	0245115	24" x 140" Link
AG0245189	0245189	25" x 48" Link
AG0243100376	0243100376	13-1/2" x 23-3/4" Ring
AG0243100375	0243100375	15-1/2" x 26" Ring
AG0243100407	0243100407	18" x 34" Ring
AG0244205	0244205	24" x 24" Ring

The Activator™ 3-Ply Panel Filter

- MERV 7
- Stratified, dual layer upstream media with two polyester fiber layers for greater depth loading
- Dense, needled downstream media
- Recommended for heavier dirt loading conditions or where higher efficiency particulate removal is desired
- No particle migration downstream
- Available as link or ring panel



Part #	Mfg #	Description
AG0245313	0245313	16" x 80" Link
AG0245323	0245323	16" x 96" Link
AG0245359	0245359	20" x 64" Link
AG0245553	0245553	20" x 70" Link

Air Filters

Panel Filters (Continued)

The Activator™ 3-Ply Panel Filter

Part #	Mfg #	Description
AG0245369	02425369	20" x 80" Link
AG0245415	0245415	20" x 90" Link
AG0245362	0245362	20" x 112" Link
AG0245453	0245453	24" x 108" Link
AG0243500016	0243500016	25" x 90" Link
AG0245340	0245340	25" x 140" Link
AG0244303	0244303	20" x 20" Ring

The Activator™ N Series 2-Ply Ring Panel Filters

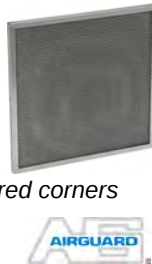
- MERV 6
- Self-sealing
- Eliminates bypass
- Moisture resistant
- No latch required



Part #	Mfg #	Size
AG0246500274	0246500274	7-1/4" x 30" x 1"
AG0246500742	0246500742	14-1/2" x 15-3/4" x 1"
AG0246500743	0246500743	17-3/4" x 19-3/4" x 1"
AG0246111	0246111	20" x 24" x 1"
AG0246105	0246105	24" x 24" x 1"

Type HD Steel Permanent Metal Filter

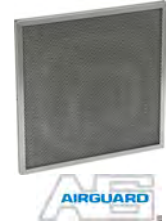
- Rugged all metal construction
- Designed for tough applications
- Multiple layers of pleated and flat steel screen wire
- Single aluminum channel frame with mitered corners
- Low resistance
- Washable



Part #	Mfg #	Size
AG0320201	0320201	16" x 20" x 2"
AG0320204	0320204	20" x 25" x 2"

Type HS Aluminum Permanent Metal Filter

- Rugged all metal construction
- Designed for tough applications
- Multiple layers of pleated and flat aluminum screen wire
- 24ga Galvanized steel frame
- Low resistance
- Washable



Part #	Mfg #	Size
AG0310100	0310100	12" x 24" x 1"
AG0310105	0310105	24" x 24" x 1"
AG0310201	0310201	16" x 20" x 2"
AG0310203	0310203	20" x 20" x 2"
AG0310204	0310204	20" x 25" x 2"
AG0310225	0310225	24-1/2" x 24-1/2" x 2"

Pleated Panel Filters

DP-g13een® Pleated Filter

- MERV 13
- 100% Synthetic media
- Heavy-duty beverage board frame
- Extended surface
- Double wall frame
- Water repellant adhesive
- Galvanized steel pleat support grid



Part #	Mfg #	Size
AG0446133	0446133	14" x 14" x 1"
AG0446101	0446101	16" x 20" x 1"
AG0446102	0446102	16" x 25" x 1"
AG0446103	0446103	20" x 20" x 1"
AG0446104	0446104	20" x 25" x 1"
AG0446210	0446210	12" x 24" x 2"
AG0446241	0446241	14" x 25" x 2"
AG0446201	0446201	16" x 20" x 2"
AG0446202	0446202	16" x 25" x 2"
AG0446203	0446203	20" x 20" x 2"
AG0446211	0446211	20" x 24" x 2"
AG0446204	0446204	20" x 25" x 2"
AG0446232	0446232	20" x 30" x 2"
AG0446205	0446205	24" x 24" x 2"
AG0446410	0446410	12" x 24" x 4"
AG0446401	0446401	16" x 20" x 4"
AG0446402	0446402	16" x 25" x 4"
AG0446403	0446403	20" x 20" x 4"

Air Filters

Pleated Panel Filters (Continued)

DP-g13een® Pleated Filter

Part #	Mfg #	Size
AG0446411	0446411	20" x 24" x 4"
AG0446404	0446404	20" x 25" x 4"
AG0446405	0446405	24" x 24" x 4"

DP High Efficiency Pleated Filter

- Micoglass fiber with expanded metal grid
- Two-piece die cut, high wet strength beverage board



DP-65 Efficiency - 50-55%

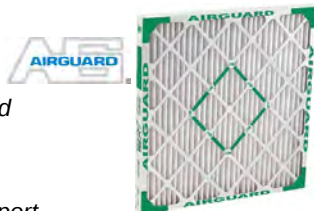
Part #	Mfg #	Size
AG0450604	0450604	20" x 25" x 2"
AG0451604	0451604	20" x 25" x 4"

DP-95 Efficiency - 80-85%

Part #	Mfg #	Size
AG0450902	0450902	16" x 25" x 2"
AG0450904	0450904	20" x 25" x 2"

DP-Max Pleated Filter

- MERV 8
- Heavy-duty beverage board
- Double wall frame
- Water repellent adhesive
- Galvanized steel pleat support
- Reduced pleat count for maximum economy
- 25-30% Efficiency



Part #	Mfg #	Size
AG0450117	0450117	10" x 20" x 1"
AG0450122	0450122	12" x 12" x 1"
AG0450123	0450123	12" x 16" x 1"
AG0450120	0450120	12" x 20" x 1"
AG0450100	0450100	12" x 24" x 1"
AG0450133	0450133	14" x 14" x 1"
AG0450139	0450139	14" x 20" x 1"
AG0450159	0450159	14" x 24" x 1"
AG0450141	0450141	14" x 25" x 1"
AG0450137	0450137	14" x 30" x 1"
AG0450145	0450145	15" x 20" x 1"
AG0450143	0450143	16" x 16" x 1"

Pleated Panel Filters (Continued)

DP-Max Pleated Filter

Part #	Mfg #	Size
AG0450101	0450101	16" x 20" x 1"
AG0450116	0450116	16" x 24" x 1"
AG0450102	0450102	16" x 25" x 1"
AG0450146	0450146	16" x 30" x 1"
AG0450163	0450163	18" x 18" x 1"
AG0450180	0450180	18" x 20" x 1"
AG0450112	0450112	18" x 24" x 1"
AG0450185	0450185	18" x 25" x 1"
AG0450103	0450103	20" x 20" x 1"
AG0450166	0450166	20" x 22" x 1"
AG0450111	0450111	20" x 24" x 1"
AG0450104	0450104	20" x 25" x 1"
AG0450151	0450151	22" x 22" x 1"
AG0450105	0450105	24" x 24" x 1"
AG0450153	0450153	24" x 30" x 1"
AG0450125	0450125	25" x 25" x 1"
AG0450132	0450132	30" x 20" x 1"
AG0450217	0450217	10" x 20" x 2"
AG0450220	0450220	12" x 20" x 2"
AG0450200	0450200	12" x 24" x 2"
AG0450239	0450239	14" x 20" x 2"
AG0450241	0450241	14" x 25" x 2"
AG0450245	0450245	15" x 20" x 2"
AG0450243	0450243	16" x 16" x 2"
AG0450201	0450201	16" x 20" x 2"
AG0450216	0450216	16" x 24" x 2"
AG0450202	0450202	16" x 25" x 2"
AG0450211	0450211	18" x 18" x 2"
AG0450257	0450257	18" x 20" x 2"
AG0450255	0450255	18" x 24" x 2"
AG0450256	0450256	18" x 25" x 2"
AG0450203	0450203	20" x 20" x 2"
AG0450263	0450263	20" x 24" x 2"
AG0450204	0450204	20" x 25" x 2"
AG0450205	0450205	24" x 24" x 2"
AG0450225	0450225	25" x 25" x 2"
AG0450232	0450232	30" x 20" x 2"
AG0450400	0450400	12" x 24" x 4"
AG0450401	0450401	16" x 20" x 4"
AG0450402	0450402	16" x 25" x 4"
AG0450455	0450455	18" x 24" x 4"
AG0450403	0450403	20" x 20" x 4"

Air Filters

Pleated Panel Filters (Continued)

DP-Max Pleated Filter

Part #	Mfg #	Size
AG0450463	0450463	20" x 24" x 4"
AG0450404	0450404	20" x 25" x 4"
AG0450405	0450405	24" x 24" x 4"
AG0450704	0450704	20" x 25" x 6"

DP® Pleated Filter

- MERV 8
- 100% Synthetic fibers
- Heavy-duty beverage board frame
- Two-piece frame construction
- Galvanized steel pleat support
- 14.3 Pleats per foot



Part #	Mfg #	Description
AG0412139	0412139	14" x 20" x 1"
AG0412141	0412141	14" x 25" x 1"
AG0412101	0412101	16" x 20" x 1"
AG0412102	0412102	16" x 25" x 1"
AG0412103	0412103	20" x 20" x 1"
AG0412104	0412104	20" x 25" x 1"
AG0412125	0412125	25" x 25" x 1"
AG0422200	0422200	12" x 24" x 2"
AG0422245	0422245	15" x 20" x 2"
AG0481243	0481243	16" x 16" x 2", Metal Frame
AG0422116	0422116	16" x 24" x 2"
AG0422256	0422256	18" x 20" x 2"
AG0422206	0422206	18" x 24" x 2"
AG0422255	0422255	18" x 25" x 2"
AG0422203	0422203	20" x 20" x 2"
AG0481203	0481203	20" x 20" x 2", Metal Frame
AG0422207	0422207	20" x 24" x 2"
AG0422204	0422204	20" x 25" x 2"
AG0422232	0422232	20" x 30" x 2"
AG0422205	0422205	24" x 24" x 2"
AG0422208	0422208	25" x 25" x 2"
AG0422202	0422202	26" x 25" x 2"
AG0430401	0430401	16" x 20" x 4"
AG0430402	0430402	16" x 25" x 4"
AG0430455	0430455	18" x 24" x 4"
AG0430403	0430403	20" x 20" x 4"
AG0430404	0430404	20" x 25" x 4"
AG0430463	0430463	20" x 24" x 4"

Pleated Panel Filters (Continued)

DP® Pleated Filter

Part #	Mfg #	Description
AG0430405	0430405	24" x 24" x 4"

DP1 Specialized Pleated Filter

- MERV 8
- Microglass media with expanded metal grid
- Fire retardant adhesive seals media inside frame
- Pleat count: 14 per inch
- Tow-piece die cut, fire retardant fiber board frame construction
- UL Class 1



Part #	Mfg #	Size
AG0470463	0470463	20" x 20" x 4"

DP-SA Side Access Pleated Filter

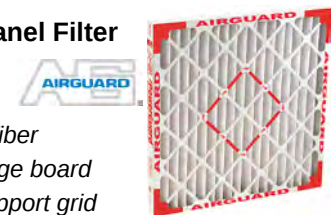
- MERV 8
- 100% Nonwoven synthetic fibers
- 4" Thick
- For use in side access housings with a 1" track
- Classified per UL Standard 900
- High wet strength beverage board with 3/4" header



Part #	Mfg #	Size
AG0431202	0431202	24" x 24" x 4"

PowerGuard™ Pleated Panel Filter

- MERV 11
- 100% Synthetic needled, electrostatically charged fiber
- Moisture resistant beverage board
- Galvanized steel pleat support grid



Part #	Mfg #	Size
AG0483201	0483201	16" x 20" x 2"
AG0483202	0483202	16" x 25" x 2"
AG0483212	0483212	18" x 24" x 2"
AG0483203	0483203	20" x 20" x 2"
AG0483211	0483211	20" x 24" x 2"
AG0483204	0483204	20" x 25" x 2"
AG0483205	0483205	24" x 24" x 2"
AG0483225	0483225	25" x 25" x 2"

Air Filters

Pleated Panel Filters (Continued)

PowerGuard™ Pleated Panel Filter

Part #	Mfg #	Size
AG0483700031	0483700031	30" x 36" x 2"
AG0483410	0483410	12" x 24" x 4"
AG0483401	0483401	16" x 20" x 4"
AG0483402	0483402	16" x 25" x 4"
AG0483403	0483403	20" x 20" x 4"
AG0483404	0483404	20" x 25" x 4"
AG0483405	0483405	24" x 24" x 4"

X-treme+Plus™ High-Capacity Pleated Filter

- MERV 8
- 100% Synthetic media
- Single-piece, heavy-duty beverage board frame
- Self-supported
- Water repellant adhesive
- Moisture and damage resistant
- Seven-strap die cut



Part #	Mfg #	Size
AG0474602	0474602	16" x 25" x 4"
AG0474604	0474604	20" x 25" x 4"
AG0474605	0474605	24" x 24" x 4"

X-treme+Plus™ Standard-Capacity Pleated Filter

- MERV 8
- 100% Synthetic media
- Single-piece, heavy-duty beverage board frame
- Self-supported
- Water repellant adhesive
- Moisture and damage resistant
- Seven-strap die cut



Part #	Mfg #	Size
AG0474701	0474701	16" x 20" x 1"
AG0474702	0474702	16" x 25" x 1"
AG0474703	0474703	20" x 20" x 1"
AG0474704	0474704	20" x 25" x 1"
AG0474732	0474732	20" x 30" x 1"
AG0474810	0474810	12" x 24" x 2"
AG0474801	0474801	16" x 20" x 2"
AG0474816	0474816	16" x 24" x 2"

Pleated Panel Filters (Continued)

X-treme+Plus™ Standard-Capacity Pleated Filter

Part #	Mfg #	Size
AG0474802	0474802	16" x 25" x 2"
AG0474812	0474812	18" x 24" x 2"
AG0474803	0474803	20" x 20" x 2"
AG0474811	0474811	20" x 24" x 2"
AG0474804	0474804	20" x 25" x 2"
AG0474832	0474832	20" x 30" x 2"
AG0474805	0474805	24" x 24" x 2"

Replacement Filters

Air Bear® Replacement Filter

- MERV 8



Part #	Mfg #	Description
AG0444602	0444602	16" x 25" x 3" Replaces 229990-101
AG5096578907	5096578907	20" x 25" x 5" Replaces 229990-102

Honeywell® Replacement Filter

- MERV 8



Part #	Mfg #	Description
AG5096532662	5096532662	16" x 25" x 5" Replaces 203719
AG5096532663	5096532663	20" x 20" x 5" Replaces 203721
AG5096532664	5096532664	20" x 25" x 5" Replaces 203720

Series AG Element Replacement Filter

- For use with Farr HP Series internally supported filter systems
- Preformed pleats



Part #	Mfg #	Description
AG0221205	0221205	24" x 24" x 12", MERV 11
AG0223205	0223205	24" x 24" x 12", MERV 14

Air Filters

Rigid Cell Filters

Legacy® High-Efficiency Rigid Cell Filter

- 100% Synthetic media
- All plastic construction
- Low initial resistance
- E-pleat™ technology



MERV 11

Part #	Mfg #	Description
AG1122509	1122509	16" x 20" x 4" less Header
AG1122510	1122510	16" x 25" x 4" less Header
AG1122513	1122513	20" x 20" x 4" less Header
AG1122515	1122515	20" x 24" x 4" less Header
AG1122512	1122512	20" x 25" x 4" less Header
AG1122504	1122504	24" x 24" x 4" less Header
AG1123413	1123413	20" x 20" x 4" with Header
AG1123415	1123415	20" x 24" x 4" with Header
AG1122603	1122603	12" x 24" x 12" with Header
AG1122615	1122615	20" x 24" x 12" with Header
AG1122604	1122604	24" x 24" x 12" with Header

MERV 14

Part #	Mfg #	Description
AG1122000	1122000	12" x 24" x 4" less Header
AG1122001	1122001	16" x 20" x 4" less Header
AG1122002	1122002	16" x 25" x 4" less Header
AG1122003	1122003	20" x 20" x 4" less Header, Metal
AG1122004	1122004	20" x 24" x 4" less Header
AG1122005	1122005	20" x 25" x 4" less Header
AG1122006	1122006	24" x 24" x 4" less Header
AG1122403	1122403	12" x 24" x 4" with Header
AG1122415	1122415	20" x 24" x 4" with Header
AG1122404	1122404	24" x 24" x 4" with Header

MERV 15

Part #	Mfg #	Description
AG1125904	1125904	12" x 24" x 12" less Header, Metal
AG1122040	1122040	12" x 24" x 12" with Header
AG1122043	1122043	20" x 20" x 12" with Header
AG1122044	1122044	20" x 24" x 12" with Header
AG1122046	1122046	24" x 24" x 12" with Header

Variflow® II-M/ II-MC Rigid Cell Filter

- Durable corrosion resistant steel cell sides
- Expanded metal faceguard on air leaving side
- Moisture resistant
- Adhesive bead separators
- Maximum operating temperature: 170°F
- UL Class 2



Efficiency - 60-65% MERV 11

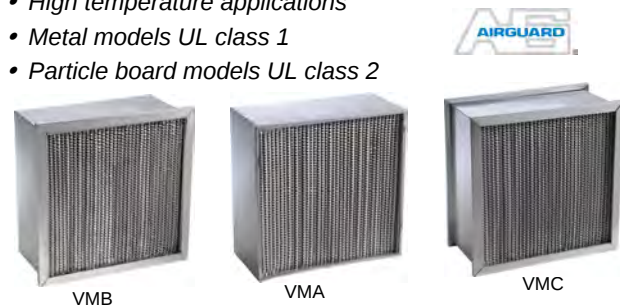
Part #	Mfg #	Description
AG1018613	1018613	20" x 20" x 4" Single Header
AG1018615	1018615	20" x 24" x 4" Single Header

Efficiency - 90-95% MERV 14

Part #	Mfg #	Description
AG1018915	1018915	20" x 20" x 4" Single Header
AG1040916	1040916	20" x 20" x 4" Box Style less Header
AG1040902	1040902	24" x 24" x 4" Box Style less Header
AG1040912	1040912	25" x 20" x 4" Box Style less Header
AG1117904	1117904	25" x 20" x 2", Plain
AG1117905	1117905	20" x 16" x 2", Plain

Variflow™ Rigid Cell Filter

- For variable volume systems and difficult operating conditions
- Water resistant microglass paper media
- High temperature applications
- Metal models UL class 1
- Particle board models UL class 2



Efficiency - 80-85% MERV 13

Part #	Mfg #	Description
AG2807155	2807155	24" x 24" x 6" Metal, Box Style less Header
AG2801448	2801448	24" x 20" x 12" Metal, Single Header
AG2801006	2801006	24" x 24" x 12" Metal, Single Header

Air Filters

Efficiency - 90-95% MERV 14

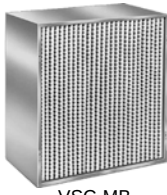
Part #	Mfg #	Description
AG2902099	2902099	12" x 24" x 12" Metal, Box Style less Header
AG2903525	2903525	24" x 24" x 12" Metal, Box Style less Header
AG2901520	2901520	24" x 20" x 12" Wood, Box Style less Header
AG2904676	2904676	20" x 16" x 12" Metal, Single Header
AG2902242	2902242	20" x 20" x 12" Metal, Single Header
AG2900658	2900658	24" x 12" x 12" Metal, Single Header
AG2904213	2904213	24" x 20" x 12" Metal, Single Header with SA Gasket
AG2901350	2901350	24" x 20" x 12" Metal, Single Header
AG2900134	2900134	24" x 24" x 12" Metal, Single Header
AG2900892	2900892	24" x 24" x 12" Metal, Double Header

Variflow™ SC Rigid Cell Filter

- For variable volume systems and difficult operating conditions
- Water resistant microglass paper media
- UL Class 1 listed



VSC-MA



VSC-MB



VSC-MC

Efficiency - 60-65% MERV 11

Part #	Mfg #	Description
AG2607145	2607145	24" x 24" x 6" Metal, Box Style less Header
AG2604476	2604476	12" x 24" x 12" Metal, Box Style less Header
AG2604071	2604071	20" x 20" x 12" Metal Box Style less Header
AG2608442	2608442	24" x 16" x 12" Metal, Box Style less Header
AG2605637	2605637	24" x 20" x 12" Metal, Box Style less Header
AG2602118	2602118	24" x 24" x 12" Metal, Box Style less Header
AG2607423	2607423	20" x 16" x 6" Metal, Single Header
AG2602191	2602191	24" x 24" x 6" Metal, Double Header
AG2600512	2600512	12" x 24" x 12" Metal, Single Header

Rigid Cell Filters (Continued)

Variflow™ SC Rigid Cell Filter

Efficiency - 60-65% MERV 11

Part #	Mfg #	Description
AG2606886	2606886	12" x 24" x 12" Metal, Single Header with SA Gasket
AG2600516	2600516	20" x 20" x 12" Metal, Single Header
AG2901350	2901350	20" x 20" x 12" Metal, Single Header with SA Gasket
AG2601576	2601576	20" x 24" x 12" Metal, Single Header
AG2606626	2606626	20" x 24" x 12" Metal, Single Header with SA Gasket
AG2608722	2608722	20" x 24" x 12" Metal, Double Header
AG2600181	2600181	24" x 24" x 12" Metal, Single Header
AG2604551	2604551	24" x 24" x 12" Metal, Single Header with SA Gasket

Efficiency - 80-85% MERV 13

Part #	Mfg #	Description
AG2803455	2803455	12" x 24" x 12" Metal, Single Header, Reverse
AG2801626	2801626	20" x 16" x 12" Metal, Single Header
AG2801855	2801855	20" x 20" x 12" Metal, Single Header
AG2804076	2804076	20" x 24" x 12" Metal, Single Header, Reverse
AG2800179	2800179	24" x 12" x 12" Metal, Single Header
AG2801217	2801217	24" x 20" x 12" Metal, Single Header
AG2800131	2800131	24" x 24" x 12" Metal, Single Header
AG2804287	2804287	24" x 24" x 12" Metal, Single Header

Efficiency - 90-95% MERV 14

Part #	Mfg #	Description
AG2900879	2900879	12" x 24" x 12" Metal, Single Header
AG2901350	2901350	12" x 24" x 12" Metal, Single Header with SA Gasket
AG2901082	2901082	16" x 20" x 12" Metal, Single Header
AG2901083	2901083	20" x 20" x 12" Metal, Single Header
AG2904495	2904495	20" x 20" x 12" Metal, Single Header with SA Gasket
AG2900879	2900879	20" x 24" x 12" Metal, Single Header
AG2905368	2905368	20" x 24" x 12" Metal, Single Header with SA Gasket
AG2900675	2900675	24" x 20" x 12" Metal, Single Header
AG2900632	2900632	24" x 24" x 12" Metal, Single Header

Air Filters

Rigid Cell Filters (Continued)

Variflow™ SC Rigid Cell Filter

Efficiency - 90-95% MERV 14

Part #	Mfg #	Description
AG2905368	2905368	24" x 24" x 12" Metal, Single Header with SA Gasket
AG2903019	2903019	25" x 16" x 12" Metal, Single Header
AG2902593	2902593	25" x 20" x 12" Metal, Single Header
AG2901863	2901863	24" x 12" x 12" Metal, Box Style less Header
AG2904913	2904913	24" x 12" x 12" Metal, Box Style less Header Antimicrobial Treated
AG2901122	2901122	24" x 24" x 12" Metal, Box Style less Header
AG2904912	2904912	24" x 24" x 12" Metal, Box Style less Header Antimicrobial Treated
AG2900319	2900319	24" x 24" x 12" Metal, Double Header
AG2903652	2903652	23.375" x 19.375" x 11.5"
AG2903761	2903761	23.375" x 11.375" x 11.5"

Vari-Pak® Rigid Cell Filter

- For variable volume systems
- Low resistance
- High loft microfine media
- Available with microglass or synthetic media



Efficiency - 50-55% MERV 10

Part #	Mfg #	Description
AG1154502	1154502	24" x 24" x 6", Synthetic less Header

Efficiency - 60-65% MERV 11

Part #	Mfg #	Description
AG1154602	1154602	24" x 24" x 6", Synthetic less Header
AG1154603	1154603	24" x 12" x 12", Synthetic less Header
AG1154604	1154604	24" x 24" x 12", Synthetic less Header
AG1155613	1155613	20" x 20" x 12", Synthetic with Header
AG1155603	1155603	24" x 12" x 12", Synthetic with Header
AG1155615	1155615	24" x 20" x 12", Synthetic with Header

Rigid Cell Filters (Continued)

Vari-Pak® Rigid Cell Filter

Efficiency - 60-65% MERV 11

Part #	Mfg #	Description
AG1155604	1155604	24" x 24" x 12", Synthetic with Header
AG1174604	1174604	24" x 24" x 12", Microglass with Header

Efficiency - 80-85% MERV 13

Part #	Mfg #	Description
AG1155813	1155813	20" x 20" x 12" Synthetic less Header
AG1155815	1155815	24" x 20" x 12", Synthetic less Header
AG1154804	1154804	24" x 24" x 12" Synthetic less Header
AG1173804	1173804	24" x 24" x 12", Microglass less Header
AG1154815	1154815	24" x 12" x 12", Microglass less Header
AG1173803	1173803	24" x 12" x 12", Microglass less Header
AG1155804	1155804	24" x 24" x 12", Synthetic with Header

Efficiency- 90-95% MERV 14

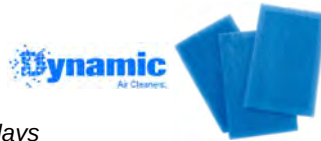
Part #	Mfg #	Description
AG1154902	1154902	24" x 24" x 6", Synthetic less Header
AG1155903	1155903	24" x 12" x 12", Synthetic less Header
AG1154904	1154904	24" x 24" x 12", Synthetic Box Style
AG1174904	1174904	24" x 24" x 12", Microglass less Header
AG1174615	1174615	24" x 20" x 12", Microglass less Header
AG1155904	1155904	24" x 24" x 12", Synthetic with Header



Air Filters

Carbon Media Filters

- MERV 13
- Activated carbon core
- Rated life cycle: 30 - 90 days



Replacement Carbon Media Filter Pad

Part #	Mfg #	Size	Qty
FLR07503	C1P14582014X	14-5/8" x 20-1/4"	-
FLR06862	C1P1625	16" x 25"	-
FLR07508	C1P1650	16" x 50"	-
FLR07000	C1P16382358X	16-3/8" x 23-5/8"	-
FLR07001	C1P18582538X	18-5/8" x 25-3/8"	-
FLR07134	C1P19581958X	19-5/8" x 19-5/8"	-
FLR06443	C1P02020	20" x 20"	-
FLR06676	C1P2025	20" x 25"	-
FLR06961	C1P2030	20" x 30"	-
FLR07289	C1P2050	20" x 50"	-
FLR07002	C1P20582934X	20-5/8" x 29-3/4"	-
FLR07148	C1P2230	22" x 30"	-
FLR06870	C1P237816	23-7/8" x 16"	-
FLR07129	C1P2425	24" x 25"	-
FLR06810	C1P2440	24" x 40"	-
FLR07136	C1P24581958X	24-5/8" x 19-5/8"	-
FLR06677	C1P2520	25" x 20"	-
FLR05779	C3P25122334	25-1/2" x 23-3/4"	-
FLR06871	C1P241220	24-1/2" x 20"	-
FLR07238	C1P263824	26-3/8" x 24"	-
FLR06864	C1P265815	26-5/8" x 15"	-
FLR07291	C1P265825	26-5/8" x 25"	-
FLR06235	1CP2820	28" x 20"	-
FLR06145	C1P28122334	28-1/2" x 23-3/4"	-
FLR06500	C1P287820	28-7/8" x 20"	-
FLR06872	C1P29131620	29-13/16" x 20"	-
FLR07004	C1P3030	30" x 30"	-
FLR07216	C1P30121534X	30-1/2" x 15-3/4"	-
FLR06873	C1P31131616	31-13/16" x 16"	-
FLR06899	C1P3216	32" x 16"	-
FLR06829	C1P3624	36" x 24"	-
FLR06265	C1P32122334	32-1/2" x 23-3/4"	-
FLR05781	C1P34122334	34-1/2" x 23-3/4"	-
FLR06868	C1P341224	34-1/2" x 24"	-
FLR06923	C1P341225	34-1/2" x 25"	-
FLR06867	C1P34131616	34-13/16" x 16"	-
FLR06141	C1P38121534	38-1/2" x 15-3/4"	-
FLR05979	C1P401534	40" x 15-3/4"	-
FLR06811	C1P4024	40" x 24"	-

Carbon Media Filters (Continued)

Replacement Carbon Media Filter Pad

Part #	Mfg #	Size	Qty
FLR01914	C3P1020	10" x 20"	3/Pk
FLR01989	C3P1212	12" x 12"	3/Pk
FLR01967	C3P1220	12" x 20"	3/Pk
FLR01788	C3P1224	12" x 24"	3/Pk
FLR05408	C3P1225	12" x 25"	3/Pk
FLR06052	C3P13182158	13-1/8" x 21-5/8"	3/Pk
FLR01800	C3P1420	14" x 20"	3/Pk
FLR06640	C3P1421	14" x 21"	3/Pk
FLR01932	C3P1424	14" x 24"	3/Pk
FLR01795	C3P1430	14" x 30"	3/Pk
FLR01791	C3P1520	15" x 20"	3/Pk
FLR01793	C3P1616	16" x 16"	3/Pk
FLR01774	C3P1620	16" x 20"	3/Pk
FLR01798	C3P1621	16" x 21"	3/Pk
FLR01789	C3P1624	16" x 24"	3/Pk
FLR01771	C3P1625	16" x 25"	3/Pk
FLR01797	C3P1630	16" x 30"	3/Pk
FLR06327	C3P1632	16" x 32"	3/Pk
FLR06053	C3P1622158	16-1/2" x 21-5/8"	3/Pk
FLR06259	C3P1728	17" x 28"	3/Pk
FLR03438	C3P172814	17" x 28-1/4"	3/Pk
FLR06636	C3P171226	17-1/2" x 26"	3/Pk
FLR01792	C3P1818	18" x 18"	3/Pk
FLR01794	C3P1820	18" x 20"	3/Pk
FLR01796	C3P1824	18" x 24"	3/Pk
FLR02709	C3P1825	18" x 25"	3/Pk
FLR06062	C3P1828	18" x 28"	3/Pk
FLR06646	C3P1836	18" x 36"	3/Pk
FLR02735	C3P1924	19" x 24"	3/Pk
FLR05787	C3P19381938X	19-3/8" x 19-3/8"	3/Pk
FLR05788	C3P19382338	19-3/8" x 23-3/8"	3/Pk
FLR01951	C3P2016	20" x 16"	3/Pk
FLR01775	C3P2020	20" x 20"	3/Pk
FLR03628	C3P2021	20" x 21"	3/Pk
FLR06054	C3P202158	20" x 21-5/8"	3/Pk
FLR04726	C3P2022	20" x 22"	3/Pk
FLR01790	C3P2024	20" x 24"	3/Pk
FLR01772	C3P2025	20" x 25"	3/Pk
FLR02955	C3P2028	20" x 28"	3/Pk
FLR01799	C3P2030	20" x 30"	3/Pk
FLR05088	C3P2036	20" x 36"	3/Pk
FLR02757	C3P2040	20" x 40"	3/Pk

Air Filters

Carbon Media Filters (Continued)

Replacement Carbon Media Filter Pad

Part #	Mfg #	Size	Qty
FLR06737	C3P211213	21-1/2" x 13"	3/Pk
FLR02970	C3P21122512	21-1/2" x 25-1/2"	3/Pk
FLR06055	C3P21122314	21-1/2" x 23-1/4"	3/Pk
FLR02733	C3P2222	22" x 22"	3/Pk
FLR02783	C3P2224	22" x 24"	3/Pk
FLR02721	C3P2428	24" x 28"	3/Pk
FLR02765	C3P2430	24" x 30"	3/Pk
FLR01957	C3P2516	25" x 16"	3/Pk
FLR01930	C3P2520	25" x 20"	3/Pk
FLR01954	C3P2525	25" x 24"	3/Pk
FLR02712	C3P2830	28" x 30"	3/Pk
FLR02921	C3P3020	30" x 20"	3/Pk
FLR07005	C3P3030	30" x 30"	3/Pk
FLR02713	C3P3032	30" x 32"	3/Pk
FLR03042	C3P3036	30" x 36"	3/Pk
FLR06729	C3P34342338X	34-3/4" x 23-3/8"	3/Pk
FLR05969	C24P28122334	28-1/2" x 23-3/4"	24/Pk
FLR06267	C24P32122334	32-1/2" x 23-3/4"	24/Pk

CT500 Replacement Carbon Media Filter Pad

Part #	Mfg #	Description
FLR01837	C3PCT500	For Use with CT500, 3/Pk

OH1010 Replacement Carbon Media Filter Pad

Part #	Mfg #	Description
FLR01829	C3POH1010	For Use with OH1010, 3/Pk

RS1400 Replacement Carbon Media Filter Pad

Part #	Mfg #	Size	Qty
FLR06732	C4PRS-1400	24-1/2" x 18-3/4"	4/Pk

Polarized Media Filters

1" Polarized Media Air Cleaner Filter

- MERV 13, 97% Efficient at .3 microns
- For residential applications
- 1" Panel fits directly into existing filter racks or filter grilles
- Media pads generally changed every 3 to 4 months
- Does not produce charged (ionized) particles
- 5-Year limited warranty



Part #	Mfg #	Size
FLR01817	1P1520C24	15" x 20" x 1"
FLR01786	1P1620C24	16" x 20" x 1"
FLR01824	1P1621C24	16" x 21" x 1"
FLR01815	1P1624C24	16" x 24" x 1"
FLR01783	1P1625C24	16" x 25" x 1"
FLR07502	1P16382358C24X	16-3/8" x 23-5/8" x 1"
FLR05445	1P17382338C24	17-3/8" x 23-3/8" x 1"
FLR01818	1P1818C24	18" x 18" x 1"
FLR01820	1P1820C24	18" x 20" x 1"
FLR01883	1P1825C24	18" x 25" x 1"
FLR01787	1P2020C24	20" x 20" x 1"
FLR04328	1p2021c24	20" x 21" x 1"
FLR06048	1P202158C24	20" x 21-5/8" x 1"
FLR03695	1p2022c24	20" x 22" x 1"
FLR01816	1P2024C24	20" x 24" x 1"
FLR01784	1P2025C24	20" x 25" x 1"
FLR02756	1P2040C24	20" x 40" x 1"
FLR01825	1P2030C24	20" x 30" x 1"
FLR02791	1P2430C24	24" x 30" x 1"
FLR01937	1P2525C24	25" x 25" x 1"
FLR02711	1P3032C24	30" x 32" x 1"
FLR04026	1P3036C24	30" x 36" x 1"
FLR05580	1P3630C24	36" x 30" x 1"

1" Polarized Media Retrofit Air Cleaner Filter for Spaceguard Model 2200

Part #	Mfg #	Size
FLR02986	1SG21122512C24X	21-1/2" x 25-1/2" x 1"

Replacement 24V Powerhead

- For 1" and 2" Dynamic air cleaner panels

Part #	Mfg #	Volts
TOL01382	24VPWRPKS	24V



Specialty Media & Air Filters

Clips & Latches

RC-83-A Spring Latch



- 7/8" Leg hooks onto front face of filter
- For use with 12" deep double header Variflow/Variflow SC, 12" deep wood Variflow/ Variflow SC box style, and Vari+Plus VP plastic construction reverse flow installation

Part #	Mfg #	Description
AG1149986	1149986	12" Spring Latch

RC-1002 2" Twist Action Latch



- For use with 2" thick disposable filters and extended surface filters with a header and 1" prefilter

Part #	Mfg #	Description
AG1149994	1149994	2" Twist Action Latch

Disposable Ducted Ceiling Modules

- Extruded aluminum construction
- Mini-pleat bead separator pack
- Individually tested



Part #	Mfg #	Description
AG2999277	2999277	23-5/8" x 48-5/8" x 7", 12" Collar, Center Post, Duct Ceiling Module

Filter Frames

Uni-Lok Filter Holding Frame

- 16ga Aluminized steel
- Pre-punched mounting holes
- Factory applied gasketing
- Full complement of clips and latches



Part #	Mfg #	Description
AG1140205	1140205	24" x 24" x 2"
AG1143205	1143205	24" x 24" x 2", High Temp
AG2978865	2978865	24" x 24" x 3"

Filter Media Pad Holding Frame

- Easy installation
- No bypass
- Long service life



Part #	Mfg #	Size
AG0350203	0350203	20" x 20" x 2"

Refillable Carbon Trays



- Cold-rolled steel frame
- Fits LCB/HCB SA housing

Part #	Mfg #	Size
AG1747002	1747002	23-3/8" x 11-3/8" x 3/4"
AG1747003	1747003	23-3/8" x 23-3/8" x 3/4"

Automatic Roll Filter Fiberglass Medias

- Progressive density media construction
- 2-1/2" Thick, 65' long
- Scrim mesh netting backing for high tensile strength
- Adhesive coating for high dust holding capacity
- 70-90% Arrestance



Type AE Core Fiberglass Media

- Fits American Air Filter Roll-O-Matic
- Core is 3/8"ID (1-1/8" OD) welded steel tube and metal discs
- End plates of approx 11"Dia are attached



Part #	Mfg #	Description
AG0940040	0940040	44-3/4"W Industrial Grade, Yellow

Type CB Core Fiberglass Media

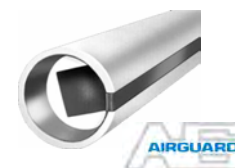
- Fits Cambridge Autoroll
- Core is 3/4" welded steel tube
- No metal discs used



Part #	Mfg #	Description
AG0941050	0941050	56-7/8"W Industrial Grade, Yellow

Type T Core Fiberglass Media

- Fits Trane Company roll filter
- Core is formed from 2-7/16"ID fiberboard tube
- Tube contains metal cup secured in each end recessed to a depth of 1-1/2" square



Part #	Mfg #	Description
AG0948712	0948712	35-3/8"W Commercial Grade, Blue
AG0946310	0946310	45-3/8"W Industrial Grade, Yellow

Specialty Media & Air Filters

Specialty Medias and Filters

Foam Filter Media Roll

- Washable for repeated use
- Withstands wide temperature extremes
- Operating temperature: -50°F to 250°F
- 55-66% Arrestance



Part #	Mfg #	Size
AG1030224	AFS25-1	1/4" x 24" x 120'

Permalast® Filter Media

- Made from natural fibers with latex coating
- Rigid, self-supporting
- Washable
- 50-65% Arrestance



Part #	Mfg #	Size
AG1050211	1050211	50" x 30" x 1"

Streamline™ Synthetic Air Filter Media

- Made from multi-denier, recycled polyester fibers
- Tackifier increases particle retention
- 85-95% Arrestance



DL Series - Dust Lok Filter Media Roll

- Industrial grad media
- For moderate to heavy dirt loading conditions
- Heavy tack
- Prefilter layer is a blend of coarser fibers
- Final filter layer is a blend of finer denier fibers
- Scrim net backing adds media stability and durability

Part #	Mfg #	Description
AG1601548	1601548	48" x 65' x 1", Orange

P-Series Standard Grade Media

- For light to moderate dirt loading conditions
- Light tack



Part #	Mfg #	Description
AG0850005	0850005	24" x 24" x 1/2", White
AG1600230	1600230	30" x 90' x 1", Blue/White
AG0850368	0850368	30-1/2" x 118" x 1", Blue/White
AG0850201	0850201	16" x 20" x 2", Orange
AG0850203	0850203	20" x 20" x 2", Orange
AG0850204	0850204	20" x 25" x 2", Orange
AG1700420	1700420	20" x 60' x 2", Orange

Synthetic Automatic Roll Filter Medias

- 65' Long
- Scrim mesh netting backing for high tensile strength
- Dry and tackified media
- 70-90% Arrestance



Type B Core Synthetic Media

- Fits BLC Industrial automatic roll machine
- Core is constructed from 1-1/2"Dia
- EMT Conduit with 11"Dia end plates recessed in 1-3/8" from end of core



Part #	Mfg #	Description
AG0928110	0928110	34-5/8"W x 1/2"D Commercial Grade, White

Type T Core Synthetic Media

- Fits Trane Company roll filter
- Core is formed from 2-7/16"ID fiberboard tube
- Tube contains metal cup secured in each end recessed to a depth of 1-1/2" square



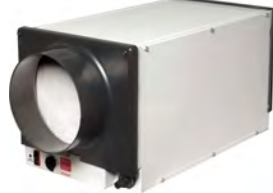
Part #	Mfg #	Description
AG0926080	0926080	31-3/8"W x 1/2"D Commercial Grade, White
AG0956915	0956915	59-3/8"W x 1"D Industrial Grade, Orange

Humidity Management

Dehumidifiers

TrueDRY DH65 Whole-House Dehumidifier

- Removes up to 65 pints of water from the indoor air
- Built-in humidity control requires no additional wiring to an external control
- Choice of external control options also available for centrally ducted control
- Feedback on operation and maintenance provided via intuitive on-board LED light interface
- MERV 11 Filtration



Honeywell

Part #	Mfg #	Description
UNT01038	DR65A2000	8" Diameter Plenum Opening less Controls, Uses R-410A Refrigerant

TrueDRY DR90 Whole-House Dehumidifier

- Removes up to 90 pints of water from the indoor air
- Built-in fresh air supply
- Uses only 6.7A
- R-410A Compliant
- MERV 11 Filtration
- 5-Year warranty



Honeywell

Part #	Mfg #	Description
UNT01039	DR90A2000	10" Plenum Opening with 6" Ventilation Collar, less Control

Humidifiers

TrueEASE™ Flow-Through Humidifier

- Bypass humidifier offers up to 30% water savings
- PerfectFLO™ Water distribution tray
- AgION® Humidifier pads with anti-microbial coating
- Interchangeable bypass
- Integrated wiring and quick-connect plumbing
- Includes:
 - Humidifier
 - Saddle valve
 - Water supply line
 - 10' Drain hose,
 - Hardware



Advanced Bypass

Part #	Mfg #	Description
HUM00051	HE100A1000	Bypass Small Basic, 12 gpd
HUM00052	HE150A1005	Bypass Small Advanced, 12 gpd
HUM00053	HE200A1000	Bypass Large Basic, 17 gpd
HUM00054	HE250A1005	Bypass Large Advanced, 17 gpd

TrueSTEAM™ Humidifier

- Mounts directly to the duct or:
 - Models HM509 & HM512 remote up to 20' away
 - Model HM506 remote 5' without insulating the steam distribution tube or 15' if distribution tube is insulated
- Limited duct cutting with bracket-mount design
- Dimensions: 19"H x 11-1/4"W x 9"D
- 1-3/4" Diameter plenum opening
- 120VAC
- In-line water filter provided
- 5-Year warranty



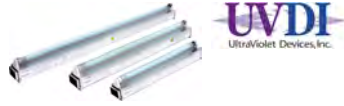
Honeywell

Part #	Mfg #	Description
HUM00033	HM506H8908	H8908 Humidistat, 6 gpd
HUM00036	HM509H8908	H8908 Humidistat, 6 gpd
HUM00156	HM512H8908	H8908 Humidistat, 12 gpd

IAQ & Filtration

UV Lights

Germicidal Lamps



Part #	Mfg #	Description
BUL00849	24-2926-80-01	18" UV Germicidal Bulb
BUL00851	24-3601-64-01	36" UV Germicidal Bulb

Hyperion Forefront Residential Kits

Residential UV Retrofit Kit

- Includes:
 - (2) 17" Replacement lamps
 - 17" Ballast assembly
 - Mounting brackets (R/L)
 - 17" Lamp shields



Part #	Mfg #	Description
BAYUVCLK001	38-1000	Residential UV Retrofit Kit

M&T Series UV Kits

Model 3 M&T Series UV Kit

- Includes:
 - 24" Replacement lamp
 - 24" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01120	17-1500	Model 3 UV Kit

Model 6-10 M&T Series UV Kit

- Includes:
 - 36" Replacement lamp
 - 36" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01121	17-1501	Model 6-10 UV Kit

Model 12-14 M&T Series UV Kit

- Includes:
 - 18" Replacement lamp
 - 36" Replacement lamp
 - 18" Ballast assembly
 - 36" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01122	17-1502	Model 12-14 UV Kit

Model 17-25 M&T Series UV Kit

- Includes:
 - (2) 24" Replacement lamps
 - (2) 36" Replacement lamps
 - 24" Ballast assembly
 - 36" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01123	17-1503	Model 17-25 UV Kit

Model 30-35 M&T Series UV Kit

- Includes:
 - (4) 36" Replacement lamps
 - 36" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01124	17-1504	Model 30-35 UV Kit

Model 40-57 M&T Series UV Kit

- Includes:
 - (2) 24" Replacement lamps
 - (4) 36" Replacement lamps
 - 24" Ballast assembly
 - 36" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01125	17-1505	Model 40-57 UV Kit



UV Lights

Model 66-100 M&T Series UV Kit

- Includes:
 - (3) 18" Replacement lamps
 - (9) 36" Replacement lamps
 - 18" Ballast assembly
 - 36" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01126	17-1506	Model 66-100 UV Kit

Model 120 M&T Series UV Kit

- Includes:
 - (3) 18" Replacement lamps
 - (12) 36" Replacement lamps
 - 18" Ballast assembly
 - 36" Ballast assembly
 - S/S Hard wire module
 - Horizontal mounting rails
 - Safety switch



Part #	Mfg #	Description
LIT01127	17-1507	Model 120 UV Kit

Package Unit Kits

21" UV Retrofit Kit for Package Units

- Includes:
 - 21" Replacement lamp
 - 21" Ballast assembly
 - T5 21" Lamp shield
 - Safety switch/mounting bracket
 - Mounting clips



Part #	Mfg #	Description
BAYUV101A	36-1000	21" UV Retrofit Kit

33" UV Retrofit Kit for Package Units

- Includes:
 - 33" Replacement lamp
 - 33" Ballast assembly
 - T5 33" Lamp shield
 - Safety switch/mounting bracket
 - Mounting clips



Part #	Mfg #	Description
BAYUV102A	36-1010	33" UV Retrofit Kit

Accessories

Access Viewport Door



Part #	Mfg #	Size
RAL01130	17-4023	8" x 8"

Fixed Radiometer



Part #	Mfg #	Description
MTR01428	18-6004-56	Radiometer

Safety Switch



Part #	Mfg #	Description
SWT03690	18-6001	1.5A
SWT03691	18-6005-01	7.5A

Mounting Rail



Part #	Mfg #	Description
RAL01132	17-4022-02	1 - 4' Sections
RAL01131	17-4022-01	1 - 8' Sections
RAL01133	17-4022	2 - 8' Sections

Our partnership with UVDI Inc allows us to create customized UV light applications for a wide range of equipment. Work with your Parts Center and UVDI to create the solution that is right for your situation.

IAQ & Filtration

Water Filtration Replacement Cartridges

Nu-Plus® E Series by Everpure Filtration

Everpure 4-C Nu-Plus® E Series Cartridge

- Activated carbon filter reduces chlorine taste, odor and other offensive contaminants
- KDF® Media inhibits microbial growth and provides bacteriostatic control plus scale inhibition
- Rated capacity: 3,000 gallons
- NSF Certified



Part #	Mfg #	Description
FLR07240	EV9612-71	4 Plus KDF Filter

nu-i2000² & nu-i4000² Cartridge



- Precoat submicron filtration reduces particles as small as 1/2 micron along with chlorine and other offensive contaminants
- Feed of 6R Micromet® inhibits scale build-up cause by dissolved minerals
- Micro-Pure® II antibacterial protection
- NSF Certified



4621-10 4621-11

Part #	Mfg #	Capacity
FLR06892	4621-10	9,000 gal, 750 lbs for cubers, 1,500 lbs for flakers
FLR06982	4621-11	12,000 gal, 1,000 lbs for cubers, 2,000 lbs for flakers

Nu-Plus CU/CU-S Cuno® Nu-Plus® E Series Replacement Cartridge

- Incorporates a carbon block filter
- Polishes water for beverage and ice
- Reduces extra fine dirt as small as 5 microns
- Capacity: 10,000 gal
- Flow: 1.5 gpm



4622-20 4622-10

Part #	Mfg #	Replaces
FLR06986	4622-20	CFS-8112, CFS-8720 & CFS-8812
FLR06917	4622-10	CFS-8112S, CFS-8720S & CFS-8812S

Nu-Plus® E Series by Everpure® Coldrink/Insurice Systems



- Reduces ice machine problems caused by limescale formation, dirt and particulate
- Eliminates objectionable tastes and odor caused by chlorine and other contaminants
- MicroPure II technology filters out particles as small as 1/2 microns



Part #	Mfg #	Description
FLR07505	9293-01	10" Prefilter, Single

Nu-Plus EC10 Coarse Prefilter



- 10" Clear housing, including large capacity 10" replaceable prefilter cartridge
- Filters out larger dirt and rust particles
- Extends the life of submicron carbon filters



Part #	Mfg #	Description
FLR07080	4621-42	10" Housing and Filter

Nu-Plus EC110 Cartridge



- 10" 10 Micron nominal sediment filter
- Filters out larger dirt and rust particles
- Extends the life of submicron carbon filters



Part #	Mfg #	Description
FLR07079	4621-41	10" Sediment Filter

Nu-Plus EC210 Cartridge



- 20" 10 Micron nominal sediment filter
- Filters out larger dirt and rust particles
- Extends the life of submicron carbon filters



Part #	Mfg #	Description
FLR07081	4621-43	20" Sediment Filter

Nu-Plus IMF-7 Cartridge



- Scale inhibition cartridge
- Dispenses a controlled amount of HydroBlend™ phosphate
- Translucent cartridge



Part #	Mfg #	Description
FLR07164	4621-13	7" IMF-7 Cartridge



Water Filtration Replacement Cartridges

OCS² Nu-Plus® E Series Cartridge

- Delivers premium quality water for ice and coffee applications
- Designed for applications where the i20002 is too long
- Precoat submicron particulate reduction
- Inhibits scale formation
- Taste & odor reduction
- NSF Registered under NSF/ANSI Standard 42 & 53



Part #	Mfg #	Description
FLR07539	9618-07	1,500 gal or 3,000 Pots of Coffee

nu-MC² & nu-XC² Nu-Plus® E Series Cartridge

- Pre-coat submicron filtration reduces particles as small as 1/2 micron
- Micro-Pure® II antibacterial protection
- Reduces objectionable tastes and odors
- Cyst reduction
- NSF Certified



Part #	Mfg #	Capacity
FLR06893	4621-20	9,000 gal

Water Filtration

Micromet/Carbon Cartridge

- Combines 6R Micromet for scale-control and carbon block for sediment (10 microns) and taste and odor control



Part #	Mfg #	Description
FLR05255	4716-87	NP48PC Fits NP48DD Housing

Carbon Block Cartridge

- Remove most objectionable tastes and odors, rated to 10 microns



Part #	Mfg #	Description
FLR05241	4701-87	NP24C Fits NP24DD Housing

Sediment Cartridge

- Made from FDA-approved polypropylene
- Filter to 5 microns



4712-87

Part #	Mfg #	Description
FLR05252	4712-87	10" NP48S Fits NP48DD Housing
FLR05251	4712-20	20" NP48S

6R Micromet®

- Food-grade phosphate
- Used to prevent scale formation in ice machines
- Replacement every 6 months
- USDA Approved, NSF listed



Part #	Mfg #	Description
FLR05254	4715-87	NP486R Cartridge

Micro-Plus® Ice Machine Filter Cartridge

- Complete all-in-one filter for ice machines, coffee urns and brewers
- Scale control
- Taste and odor control
- Filters down to 20 microns
- 1/4" FPT Connections



4612-W3



4613-Y8

Part #	Mfg #	Description
CHM00436	4615-W3	Micro-Plus® 2
CHM00433	4612-W3	Micro-Plus® 4
CHM00434	4613-Y8	Micro-Plus® 8

CTL Series - the Replacement for the Manitowoc Tri-Liminator



Part #	Mfg #	Description
FLR05234	4610-26	C0070 Primary Cartridge

Charging Hose

Charging Hose

1/4" Enviro-Guard™ Hoses with Quick Seal™ Fittings

- Special barrier material prevents virtually any permeation of refrigerant, yet remains flexible
- 45° Quick Seal™ fittings
- Working pressure: 740 psi
- Burst pressure: 3,700 psi



Part #	Mfg #	Color	Length
KIT05121	69060A	RYB	60"
HSE00362	69072A	RYB	72"

9" FlexFlow™ and Low Loss Adapter Hose

- Easy retrofit of existing "Plus II™" hoses with FlexFlow capabilities
- Flexible hose between valve and fitting for handling in tight areas
- Operating temperature: -20° to 180°F
- UL Recognized assemblies (File SA9737 valves SA10088)



Part #	Mfg #	Description
HSE01228	25980	R/Y/B 3/Pk: 25002, 25202, 25602
HSE01365	29980	R/Y/B 3/Pk: 29001, 29201, 29601

1/4" Plus II™ Charging Hose

1/4" Plus II™ Charging Hoses with Double Barrier Protection and HAV Standard Fitting

- Double barrier protection for CFC, HCFC and HFC control and system performance
- UL Recognize (File SA9737)
- Maximum working pressure: 500 psi
- Minimum burst: 2,500 psi
- Blow-off groove channels refrigerant out of the front of the nut to help prevent spray back



Part #	Mfg #	Color	Length
HSE01175	21060	Yellow	60"
HSE01207	21212	Blue	12"
HSE01176	21260	Blue	60"
HSE01177	21660	Red	60"
HSE01182	21985	R/Y/B	60"
HSE01183	21986	R/Y/B	72"

1/4" Plus II™ Hose with Compact Ball Valve End

- Metal handle at end of hose fits tight areas and traps all gas
- Full flow valve
- Burst pressure: 4,000 psi
- Working pressure: 800 psi
- Uses standard gasket and valve opener



Part #	Mfg #	Color	Length
HSE01205	29983	R/Y/B	36"
HSE01206	29985	R/Y/B	60"
HSE01207	29986	R/Y/B	72"

1/4" Plus II™ Hose with FlexFlow™ Valve

- Valve handle position shows when valve is open, closed or anywhere in between
- Improved smaller ergonomic valve with zero restriction for max flow
- Flexible length of hose between valve and fitting makes access easier to tight areas



Part #	Mfg #	Color	Length
HSE01251	25985	R/Y/B	60"
HSE01249	25986	R/Y/B	72"

1/4" Plus II™ Hose with SealRight™ Low Loss Anti-Blow Back Fitting

- Low loss anti-blowback SealRight™ fitting traps refrigerant in hose when disconnected helping meet non-venting regulations and preventing finger burns
- 45° End for easy installation in tight areas



Part #	Mfg #	Color	Length
HSE01187	22060	Yellow	60"
HSE01194	22985	R/Y/B	60"
HSE01195	22986	R/Y/B	72"

Charging Hose

Plus II™ Heavy-Duty Charging Hose

- Heavy use construction for substantially increased service life
- Flexible for all-weather easy handling
- Pulls 75 micron vacuum or better on 36" hose
- Minimum burst: 3,500 psi
- Working pressure: 900 psi
- Recommended for R-410A higher pressures



1/4" Plus II™ HD Hose with Ball Valve

Part #	Mfg #	Model	Length
HSE01376	29860	HCBVA-60	60"

1/4" Plus II™ HD Hose with HCA Hose Straight x Angle

Part #	Mfg #	Model	Length
HSE01211	15060	HCA-60	60"
HSE01245	15072	HCA-72	72"

Plus II™ Heavy-Duty Combination Charging/Vacuum Hose

- Pulls a vacuum much faster than the 1/4" hose
- Minimum burst: 3,000 psi
- Maximum working pressure: 600 psi



1/2" Plus II™ Heavy-Duty Hose with 1/2" Flare x 1/2" Flare Fittings

Part #	Mfg #	Model	Length
HSE01213	15872	C72	72"

PLUS II™ 1/4" Heavy-Duty Charging Hose

1/4" Plus II™ Heavy-Duty Charging Hose

- Minimum burst: 4,000 psi
- Maximum working pressure: 800 psi
- Operating temperature: -22° to 176°F
- Minimum bending radius: 6"



Part #	Mfg #	Description
HSE01588	29872	72" Black Hose with Ball Valve

Hose Gaskets



Part #	Mfg #	Description
GKT03872	19015	CH80 Gasket for 1/2" - 5/8" Hose, 10/Pk
KIT07454	19020	CH20 for 1/4" Hose, 5/16" Hose, and 1/2" Acme Hose, 10/Pk

Refrigerant Handling

Manifolds & Gauges

Refrigerant Handling

Manifold Gauges

2-1/2" Class B Red and Blue Manifold Gauge

- Bold, high-visibility dials
- Colored temperature scales
- Flutterless™ technology
- 1/8" MPT Connection
- 3-2-3% Accuracy



2-1/2" Gauge (°F) for Gauge Scales R-12, R-22 and R-502

Part #	Mfg #	Description	Pressure Scale
GAG00878	49001	Red Pressure	0-500 psi
GAG00879	49002*	Blue Compound	30"-0-120 psi

* Features retard protection to 350 psi

2-1/2" Gauge (°F) for Gauge Scale R-410A

Part #	Mfg #	Description	Pressure Scale
GAG00882	49035	Red Pressure	0-800 psi
GAG00883	49036**	Blue Compound	30"-0-300 psi

** Features retard protection to 500 psi

3-1/8" Dry Manifold Gauges - Large Red & Blue

- Flutterless™ technology with brass surge protector to minimize needle pulsation
- Brass gauge movement
- Copper gauge movement
- Copper alloy bourdon tube
- 1/8" MNPT Connection
- Calibrated to 1% accuracy
- Color-coded refrigerant types



3-1/8" Dry Manifold Gauge (°F) for Gauge Scales R-134A, 404A and 407C

Part #	Mfg #	Description	Pressure Scale
GAG00976	49151	Red Pressure	0 - 500 psi
GAG00977	49152	Blue Compound	30" - 0 - 120 psi

3-1/8" Dry Manifold Gauge (°F) for Gauge Scales R-22, R-404A, R-410A

Part #	Mfg #	Description	Pressure Scale
GAG00978	49137	Red Pressure	0 - 800 psi
GAG00979	49138**	Blue Compound	30" - 0 - 300 psi

** Features retard protection to 500 psi

3-1/8" Dry Manifold Gauge (°F and °C) for Gauge Scales R-410A

Part #	Mfg #	Description	Pressure Scale
GAG00935	49135	Red Pressure	0 - 800 psi
GAG01027	49136**	Blue Compound	30" - 0 - 300 psi

** Features retard protection to 500 psi, psi/bar scale

Most non-electrical HVAC/R problems are charge related. Many systems in operation are undercharged or overcharged. This can cause decreased efficiency and compressor failure. Properly charging a system ensures maximum efficiency and longer equipment life.

Manifolds & Gauges

3-1/2" Liquid-Filled Manifold Gauge (°F and °C) - Red and Blue

- Offset stem fits all major manifold brands
- No zero adjustment required
- 1/8" MNPT Connection
- Temperature rating of 0° to 122°F
- Calibrated to 1% Accuracy



3-1/2" Liquid-Filled Gauge (°F) for Gauge Scales R-22 and R-410A

Part #	Mfg #	Description	Scale
GAG01125	49515	Red Pressure	0 - 800 psi
GAG01126	49516	Blue Compound	30" - 0 - 300 psi

Protective Gauge Boot

- Rubber
- Slip easily around gauges without covering recalibration screw
- Color-coded red or blue to match gauge



Part #	Mfg #	Description
COV03172	49090	Set of 2-1/2" Gauge Covers
COV03161	49091	Red Rubber 2-1/2" Gauge Cover
COV03162	49092	Blue Rubber 2-1/2" Gauge Cover
COV03690	49190	Set of 3-1/8" Gauge Covers

Solar/Light-Powered Digital LCD Gauge

- Light-powered pressure gauges operate continuously, even in low light
- Automatic pressure-temperature readout for R-22, R-134a, R-404A, R-407C, R410a, R-422D, R-427A, R-507
- Calibrated to 1% accuracy
- 1/8" MNPT Connection
- 2-Second display response
- ABS Plastic case
- PSI °F, PSI °C, bar °C and MPa °C
- Lo-side pressure scale of 30 inHg vacuum to 350 psig
- Hi-side pressure scale of 0 to 800 psig
- Working temperature range: 32° to 122°F



Part #	Mfg #	Description
GAG01138	49041	Hi-side Solar Gauge (Red Pressure)
GAG01139	49042	Lo-side Solar Gauge (Blue Compound)

Heater Blankets

- Speeds charging by maintaining a constant temperature creating a positive pressure between the refrigerant tank and AC system
- Fits 30 lb and 50 lb refrigerant tanks
- Thermostat is set at 125°F
- Thermal cut-off switch protects against overheating



Part #	Mfg #	Watts	Amps
HTR02418	10994	300W	2.6A

Heat Gun

- 500°F, 750°F and cold settings
- Shock-proof and cool-running with Lexan® housing
- Ideal for applications including:
- Fast heating and drying of materials
- Quick curing and drying of epoxies
- Applying shrink tubing
- Softening tubing for bending
- Speed-drying of touch-up paint to eliminate haze
- Drying out condensation in motors, clutches and controls



Part #	Mfg #	Description
TOL00182	14450	115V, 50/60Hz

Manifolds & Gauges

Brute II™ 4-Valve Test and Charging Manifolds (°F & °C)

- Full 3/8" bore, forged aluminum alloy body
- Lighter than the original Brute™
- Fourth hose enables connection to hi/lo sides, refrigerant tank, and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses
- Double O-ring piston
- Exclusive 100-mesh filter in-line on all flare fittings
- Easy-grip color-coded handles
- Heavy-duty hook
- 3/8" Vacuum port



Brute II™ PSI Scale R-22, R-404A, R-410A - Red/Blue Gauges

Part #	Mfg #	Description
MFD01119	46013	60" Plus II™ R/Y/B Hose with Compact Ball Valve Fittings 3/8" x 45°

Digital Manifolds

SMAN3 Digital Manifold

- Automatically calculate target superheat
- Multi-line backlit display viewable from 20' away
- K-type thermocouples
- Micron gauge alarm
- Vacuum stopwatch
- 135 Hours battery life
- Comes with carrying case



Part #	Mfg #	Description
MFD01228	SMAN3	Digital Manifold
MFD01356	SMAN3C	Digital Manifold with Hard Carrying Case
CAS01963	ABM1	Case for SMAN3

SMAN4 Port Digital Manifold, Wireless

- Send and receive measurements wirelessly from 100'
- Automatically calculate target superheat
- Multi-line backlit display
- K-type thermocouples
- Micron gauge alarm
- Vacuum stopwatch



Part #	Mfg #	Description
MFD01355	SMAN4	Wireless Digital Manifold

Heat Pump Manifold

- 3-1/8" Gauge with steel case with polycarbonate crystal
- R-22, R407C, and R-410A Refrigerants
- High and low-side gauges read up to 800 psi
- Dials with 1% accuracy
- Sliding double O-ring pistons
- Nylon seats
- Forged brass body
- Full porting
- Full-size metal valve handles



Part #	Mfg #	Description
MFD01340	42044	Heat Pump Manifold w/60" Black Plus II™ Hose

Manifolds

Standard Side Wheel Manifold, 1/4" Fittings

- Universal gauges with Lexan™ lenses
- Solid forged brass bar
- Color-coded Lexan™ handwheels
- Field proven face seal valve



Part #	Mfg #	Description
MFD00778	40153	(3) 36" Standard Hoses

Manifolds & Gauges

Manifold Gauges

Universal Compound Replacement Gauge

- psi/kPa Pressure readings
- R-22 & R-134A Temperature readings in Fahrenheit



Part #	Mfg #	Description
GAG00148	11794	Blue (Replaces 11692)
GAG00858	11795	Red (Replaces 11693)

Manifold Replacement Parts



Part #	Mfg #	Description
KIT07496	41133	1/4" Piston, Series 41/TITAN™ (6)

Series 41 Manifolds

- Red and blue gauge cases
- Removable Lexan® crystals resist breakage
- Forged solid brass body for durability
- Full size metal valve handles for easy operation
- Hose anchors forged into back of body at 45°
- Heavy-duty swivel hook
- Flutterless™ technology for easier, more accurate readings
- Sliding double O-ring pistons
- Long-life nylon seat
- Yellow Jacket® charging hoses
- Basic unit includes manifold, gauges, hook and anchors



2-1/2" PSI Scales R-12, R-22 and R-502 less Hose

Part #	Mfg #	Description
MFD00924	42000	Manifold Only, Clamshell

2-1/2" PSI Scales R-12, R-22 and R-502 - Original HA R/Y/B Hose

Part #	Mfg #	Description
MFD00914	41215	Manifold with 60" Hoses

2-1/2" Bar/PSI Scales R-22, R-134a, R-404A, R-407C, R-410A, R-422D, R-427A and R-507 - Plus II™ R/Y/B Hose

- Solar gauges (°F/°C)

Part #	Mfg #	Description
MFD01200	41615	Manifold with 60" Hose

2-1/2" Bar/PSI Scales R-410A - Plus II™ R/Y/B Hose with Standard Fittings

Part #	Mfg #	Description
MFD00919	41709	Manifold with 60" Hoses

2-1/2" Bar/PSI Scales R-410A - Plus II™ R/Y/B Hose with Compact Ball Valve Fittings

Part #	Mfg #	Description
MFD00920	42715	Manifold with 60" Hoses

Series 41 Manifolds with 3-1/8" Gauges

- Color-coded scales
- Sliding double O-ring pistons reduce wear
- Long life nylon seats
- Forged brass body for durability
- Full porting maximizes capacity and flow
- Some models include color-coded, 60" Plus II™ hoses with standard 1/4" flare fittings
- Hoses assemblies UL recognized for 4000 psi burst and 800 psi working pressure



3-1/8" PSI Scales R-22, R-404A and R-410A less Hose

Part #	Mfg #	Description
MFD01049	42001	Manifold Only

3-1/8" PSI Scales R-22, R-134a and R-404A - Plus II™ R/Y/B Hose with Standard Fittings

Part #	Mfg #	Description
MFD01168	42006	Manifold with 60" Hoses

3-1/8" PSI Scales R-22, R-404A and R-410A - Plus II™ R/Y/B Hose with Standard Fittings

Part #	Mfg #	Description
MFD01050	42004	Manifold with 60" Hoses

Manifolds & Gauges

3-1/8" Bar/PSI Scales R-410A - Plus II™ R/Y/B Hose with Standard Fittings

Part #	Mfg #	Description
MFD01197	42024	Manifold with 60" Hoses (Clamshell)

Gas Pressure Test Kit

- Helps set manifold pressure for natural or LP gas
- Easier to use than a manometer
- Sensitive diaphragm gauge calibrated in inches of water column
- Tube nipple for easy connection to system manifold



Part #	Mfg #	Description
TOL01426	78060	Complete Kit, 0 - 35"wc Range

TITAN™ 2-Valve Test and Charging Manifolds with Sight Glass (°F & °C)

- Forged aluminum alloy body makes this unit light weight
- Fourth hose to enable connection to hi-/lo-sides, refrigerant tank & recovery unit or vacuum pump for diagnostics, evacuation & charging without switching hoses
- 3/8" Vacuum port
- Front access for easy field recalibration



3-1/8" TITAN™ PSI Scales R-22, R-404A, R-410A - Red/Blue Gauges

Part #	Mfg #	Description
MFD01124	49863	Manifold Only
MFD01125	49867	Includes 60" Plus II™ R/Y/B Hoses, 1/4" Flare Fittings
MFD01104	49868	Includes 60" Plus II™ R/Y/B Hoses, Compact Ball Valve 1/4" Flare Fittings

TITAN™ 4-Valve Test and Charging Manifolds with Sight Glass (°F & °C)

- Forged aluminum alloy body makes this unit light weight
- Fourth hose to enable connection to hi-/lo-sides, refrigerant tank and recovery unit or vacuum pump for diagnostics, evacuation and charging without switching hoses
- 3/8" Vacuum port
- Front access for easy field recalibration



3-1/8" TITAN™ PSI Scales R-22, R-404A, R-410A - Red/Blue Gauges

Part #	Mfg #	Description
MFD01129	49967	Includes 60" Plus II™ R/Y/B Hoses, 3/8" x 45° Fittings
MFD01130	49968	Includes 60" Plus II™ R/Y/B Hoses, Compact Ball Valve 3/8" x 45° Fittings



Refrigerant Recovery

Refrigerant Recovery and Analyzers

Pur Chek™ Pro Diagnostic Refrigerant Analyzer

- Oil contamination resistant
- Refrigeration composition breakdown of more than a dozen refrigerants
- Internal thermal printer provides documentation on the spot
- Remote software updates for new refrigerants



Part #	Mfg #	Description
TOL03458	2100-8003	Pur-Chek™ Pro Refrigerant Analyzer

Refrigerant System Analyzer

- Comes with the TITAN™ 4-valve manifold
- External, replaceable vacuum sensor
- 84 NIST Refrigerant profiles included (upgradeable via USB for new refrigerants)
- Built-in pressure/temperature chart reference screen for all refrigerants
- Built-in full scale vacuum sensor reads deep vacuum down to 10 microns
- Dual "K-Type" temperature-compensated sensor ports allow for simultaneous section and liquid readings
- Provides real-time pressure data in selectable time increments: 0.1, 0.2, 0.5, 1 and 2 seconds
- Data logging for on screen review or USB export to PC to generate performance/Excel™ work reports
- Fully gasketed for water and dust resistance
- Pressure sensing resolution (low and high sides):
 - 0.1 psi, 0.01 bar, 1 kPa, 0.1 MPA, 0.01 kg/cm²
- Pressure sensing accuracy:
 - 0.5% of Full scale at 25°C
 - 1% of Full scale at 55° to 130°F
 - 2% of Full scale -40° to 120°C
- Working pressure (maximum measurable pressure):
 - Low side: 0-350 psia
 - High side: 0-700 psia
- Operational Temperature: -4° to 122°F (-20° to 50°C)
- 2-Year warranty



Part #	Mfg #	Description
TOL03330	40815	Refrigeration System Analyzer with Titan™ Manifold and 60" Plus II™ Charging Hoses

RecoverX Refrigerant Recovery System

- Recovers most CFC, HCFC & HFC refrigerants
- Vapor, liquid, push/pull capabilities
- 1/2 hp Oil-less compressor
- Automatic shut-off at 15" of vacuum



Part #	Mfg #	Description
TOL02858	95760	RecoverXLT® R60A, 115V/60Hz, Built-In Constant Pressure Regulator

Refrigerant Recovery Units

Diablo Residential & Light Commercial Refrigerant Recovery Unit

- Compatible with all high-pressure refrigerants, including R-410A
- Increase recovery rates up to 30%
- 1-1/8" Piston allows for movement of greater volumes of refrigerant, increase durability and longevity
- Simple operation
- Injection mold design with internal channels increases airflow across the compressor head and motor
- Made in the USA



Part #	Mfg #	Description
TOL03083	DIABLO 115V	115-60-1, 110-50-1, 0.75 hp, 15A, LP Shut-Off
TOL03084	DIABLO 240V	230-60-1, 220-50-1, 0.50 hp, 15A, LP Shut-Off

Lightweight Recovery Unit

- For medium and high pressure refrigerants
- Liquid recover
- Manual operation
- Self-clearing
- Heat exchange



Part #	Mfg #	Electrical
TOL02170	25175B	115V, 60Hz

Refrigerant Recovery

Refrigerant Handling

RG5410EX Oil-less Extreme Performance Recovery

- Handles both liquid and vapor straight through the compressor
- Recovers all commonly used CFC, HFC, HCFC including R-410A
- Pre-wired to accept 80% tank shut-off kit
- Selectable high pressure safety switch
- Automatic shut-off switch at 15" of vacuum
- Self purge feature
- High efficiency motor
- UL Certified



PROMAX

RG6000 Oil-less Recovery Unit

- Proprietary dual "oil-less" compressors, capable of handling both liquid and vapor
- Large oversized pressure gauges
- Self purge manifold
- Recovers all commonly used CFC, HFC, HCFC including R-410A
- Pre-wired to accept 80% tank shut-off kit
- High pressure safety shut-off switch
- Dimensions: 12"H x 9"W x 16"D



PROMAX

Part #	Mfg #	Description
TOL02979	RG5410EX	110 - 125V Recovery Unit

Part #	Mfg #	Description
TOL03287	RG6000	115VAC, 60Hz Recovery Unit

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Refrigerant Recovery

Universal Refrigerant Recovery System

Stinger® Model 2006

- Compact and lightweight
- Easy-to-read, low vacuum/tank full LED
- Labels on rear of machine for connection information
- Vacuum shut-off allowing unattended recovery operation
- Large compressor provides better heat dissipation on hot days
- High torque motor on compressor handles higher pressures under load
- Recovers almost all refrigerants including R-410A



Part #	Mfg #	Description
TOL03308	2006-3800	120VAC

FM3700 Commercial Recovery Machine

- Refrigerants: all refrigerants except R-11, R-113 and R-123
- Power source: 115VAC 50/60Hz, 230VAC 50/60Hz, 100VAC 50/60Hz
- Vacuum rating: 13" Hg+
- High pressure limit: 450 psi
- Compressor: 1 hp twin piston, high performance, oil less
- Self-purging system: no hose changes
- Recovery rate: 0.50 - 4.0 lbs/min vapor, 8.0 lbs/min liquid



Part #	Mfg #	Description
TOL02747	2000-3701	FM3700, 80% Shut-off

Refrigerant Handling

Recovery Units

FM3600 Commercial Recovery Machine

- Refrigerants: R-410A, R-12, R-134A, R-22, R-500, R-502, MP/HP blends
- Power source: 115VAC 50/60Hz, 230VAC 50/60Hz, 100VAC 50/60Hz
- Vacuum rating: 13" Hg+
- High pressure limit: 500 psi
- Compressor: 0.5 hp high performance, oil-less
- Self-purging system: no hose changes
- Recovery rate: 0.30 - 2.0 lbs/min vapor, 4.0 lbs/min liquid



Part #	Mfg #	Description
TOL02746	2000-3601	FM3600, 80% Shut-off

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Refrigerant Recovery

Chiller Purge Units

Minipurge Portable Chiller Air-Purge Unit

High-Speed Air Removal from Low or High Pressure Refrigerants

- Minipurge portable purge unit temporarily connects to chillers and storage tanks charged with high or low pressure refrigerants and rapidly eliminates non-condensibles
- Unit is ideal for supplementing thermal purge units during seasonal start ups on R-11 or R-123 chillers
- Hoses and power cords sold separately



Part#	Mfg#	Description
TOL01227	MPS-115	115-1-60, 110-1-50, 0.5 hp, 15A

Oil Recovery POD

- Chiller oil recovery and recharge system designed to remove old oil from the refrigerant and replace it with new oil to the chiller compressor
- Increases chiller efficiency without down time
- Self-limiting heater bands for faster distillation
- 1/2" Hoses for increased speed of recovery
- Efficient oil separation minimizes refrigerant loss
- Effective process increases refrigerant life therefore decreasing maintenance costs
- Includes:
 - (2) 10' 1/2" High-pressure refrigerant hoses
 - (1) 10' 3/8" High-pressure refrigerant hose
 - (2) Heater bands
 - (1) 1/2" Sight glass
- 1-Year warranty on all parts



Part#	Mfg#	Description
TOL01271	POD-115	115V, 50/60Hz, 1-Ph, 15A
TOL01272	POD-240	240V, 50/60Hz, 1-Ph, 20A

Refrigerant Liquid Pumps

Commercial/Industrial Grade Refrigerant Liquid Pump

- Used to transfer all class I, II, III and IV refrigerants at up to 20 gpm
- Standard model has 3/4" male flare connection with quick-connects as an option
- 300 psi Relief on high-pressure gases and 100 psi pressure switch cut off on low pressure gases
- Includes:
 - Power cord



Part#	Mfg#	Description
TOL03356	RLP-115	115-1-60, 110-1-50, 1.5 hp, 15A
TOL03357	RLP-240	230-1-60, 220-1-50, 1.5 hp, 15A



Refrigerant Recovery

Refrigerant Recovery Units

- ETL Certified to UL-1963 standards
- Rated in accordance with ARI Standard 740-1998

Allvac Universal Refrigerant Recovery Unit

- Combines capabilities of Evac Commercial & Lovac systems to offer great recovery rates on R-11, R-12, R-22, R-113, R-123, R-134a, R-404, R-500, R-502, R-410A and other high pressure refrigerants or blends
- Switching between refrigerants simply involves oil and filter changes along with evacuation of the unit
- Air/water cooled option incorporates a water cooled plate exchanger in line with the air cooled condenser. This model may operate with or without condensing water
- Connections: 3/4" flare
- Low pressure switch: 15" or 29" Hg
- Includes:
 - (1) 48 cu in Drier core (DHY00864)
 - 50' Power cord for controls
 - 12' Tank float cable (3-pin connection)
 - 50' Power cord for recovery unit
 - (2) 3/4" to 5/8" and 5/8 to 1/2" fittings
 - (2) 3/4" x 10' Recovery hoses with ball valves



Part#	Mfg#	Description
TOL01835	ARH-A-230-3-E	230-3-60, 220-3-50, 3 hp, 15A, Air-Cooled, Electromechanical Controls
TOL01841	ARH-W-240-1-E	230-1-60, 220-1-50, 3 hp, 20A, Air/Water-Cooled, Electromechanical Controls
TOL01842	ARH-W-460-3-E	460-3-60, 415-3-50, 3 hp, 15A, Air/Water-Cooled, Electromechanical Controls



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Refrigerant Recovery

Evac Commercial High-Pressure Recovery Unit

- Ideal for large tonnage centrifugal or screw chillers
- Services R-12, R-22, R-134a, R-502, R-410A and other high-pressure refrigerants
- Connections: 3/4" flare
- Low pressure switch: 15" Hg
- Float connection: 3-pin BH
- High pressure shut-off: 425 psi
- Low pressure shut-off: 15" Hg
- Includes:
 - (1) 48 cu in Drier core (DHY00864)
 - 100' Power cord for controls (3-phase models only)
 - (2) 3/4" to 5/8" Fittings
 - 50' Power cord for unit
 - (2) 3/4" x 10' Recovery hoses with ball valves
 - (1) 3/4" x 20' Recovery hose with ball valve
 - 12' Tank float switch cable (3-pin connection)



Part#	Mfg#	Description
TOL01159	CRH-A-230-3-E	230-3-60, 220-3-50, 3 hp, 15A, Air-Cooled, Electromechanical Controls
TOL01163	CRH-A-460-3-E	460-3-60, 415-3-50, 3 hp, 15A, Air-Cooled, Electromechanical Controls

HandiVac Light Commercial Refrigerant Recovery Unit - Oil-Less

- Dual 0.75 hp oil-less compressors double recovery rates for servicing commercial cooling units
- Built-in anti-slugging feature automatically prevents liquid from harming compressors during direct liquid transfer
- Easily switch between R-12, R-22, R-134a, R-500, R-502, R-410A, R-409, MP39 and other high-pressure refrigerants & blends
- Automatic low pressure shut off: 15" Hg
- Float cable connection has a built in bypass switch for convenience
- Includes:
 - 5 cu in Filter-drier
 - 6', 3-Pin float cable (FVC-006)
 - (2) 3/8" to 1/4" Hose adapters
 - Power cord adapter (overseas only)



Part#	Mfg#	Description
TOL01144	RTO-500-115-F	115-1-60, 110-1-50, (2) 0.5 hp, 15A
TOL01145	RTO-500-240-F	230-1-60, 220-1-50, (2) 0.5 hp, 10A



Refrigerant Recovery

Lite Evac Portable High-Speed Commercial Recovery Unit

- For all high pressure refrigerants
- Unit is mounted in a solid lightweight aluminum frame
- For use with medium/large tonnage chillers
- 80% Tank full float switch and 12' cable
- Air cooled unit
- Includes:
 - (2) 30 cu in Filter-driers (DHY01128)
 - 12' 80% Tank float cable
 - 50' Power cord



Part#	Mfg#	Description
TOL03460	LRH-115-E	115-1-60,110-1-50, 20A

LoVac Low Pressure Refrigerant Recovery Unit

- Rugged 2 hp open-drive compressor and water cooled condenser speedily transfers refrigerant in the poorest conditions
- Open-drive design offers lighter weight and stands up better to noncondensable contamination than a vacuum pump
- Fast recovery for large tonnage R-11 and R-123 chillers
- Transfers 100-lbs/min push pull and 0.66lbs/min vapor on R11
- Water-cooled plate exchanger provides excellent condensing capacity
- High head pressure shut-off: 20 psi
- Low pressure shut-off: 29" Hg
- Certified by ETL to UL-1963 standards rated in accordance with ARI standard 740-1998
- Includes:
 - (1) 48 cu in Replaceable core (DHY00864)
 - 12' 3-Pin float cable
 - 50' Power cord
 - (2) 3/4" x 10' Hoses with ball valves
 - (1) 3/4" x 20' Hose with ball valve
 - (2) 3/4 to 5/8" and 5/8" to 1/2" Fittings



Part#	Mfg#	Description
TOL02067	CRL-115-E	115-1-60, 110-1-50, 2 hp, 20A, Water Cooled, Electromechanical Controls



Refrigerant Recovery

LoVac Refrigerant Recovery Unit with Welch 10.6 CFM Vacuum Pump

- Low pressure refrigerant recovery rates R11, R113, R123, R114, R245fa
- Fast recovery for large tonnage R-11 and R-123 chillers
- Transfers 134lbs/min push pull
- 1.26lbs/min vapor on R11
- Water-cooled plate exchanger provides excellent condensing capacity
- Easy operations
- Evacuating lines and switching from liquid to vapor recovery modes simply involves turning (3) 3-way hand valves and rerouting one hose
- Pulls greater than 29 Hg vacuum
- Certified by ETL to UL-1963 standards rated in accordance with ARI standard 740-1988
- Includes:
 - 10.6 CFM Welch vacuum pump
 - (1) 48 cu in Replaceable core (DHY00864)
 - 12' 3-Pin float cable
 - 50' Power cord
 - (2) 3/4" x 10' Hose with ball valves
 - (1) 3/4" x 20' Hose with ball valve
 - (2) 3/4 to 5/8" and 5/8" to 1/2" Fittings



Part#	Mfg#	Description
TOL03398	CRL-V-115-E	115-1-60, 110-1-50, 1.0 hp, 20A, Water-Cooled, Electromechanical Controls
TOL03399	CRL-V-240-E	240-1-50, 208-1-50, 1.0 hp, 20A, Water-Cooled, Electromechanical Controls

MityVac Ligh Commercial Recovery Unit

- Larger, 2.0 hp open drive compressor, 1/2" lines, 2-point vapor extraction, and oversized air cooled condenser allow fast recovery of charges from chillers of 400-tons and larger
- Services R-12, R-22, R-500, R-502, R-134a, MP39, R-409A, R-507 and other high pressure refrigerants & blends
- Purging hoses and switching from liquid to vapor recovery modes simply involves turning (3) 3-way hand valves - no switching of hoses is necessary
- High pressure shut-off: 450 psi
- Low pressure shut-off: 15" Hg vacuum
- Includes:
 - (2) 30 cu in Filter driers
 - 12', 3-Pin float cable (FVC-012)
 - (2) 1/2" Flare swivels
 - Power cord adapter (overseas only)
 - Requires (4) hoses (sold separately)



Part#	Mfg#	Description
TOL01152	MRH-115-E	115-1-60, 110-1-50, 2.0 hp, 20A, Electromechanical Controls
TOL01154	MRH-240-E	230-1-60, 220-1-50, 2.0 hp, 15A, Electromechanical Controls



Refrigerant Recovery

Refrigerant Recovery and Storage Systems

LoVac/ASME Package Unit Pump-Out and Storage Package

- Integrated with either a 250, 500, 850 or 1,000 gallon ASME tank for total pumpout and storage capability
- High-speed, high-efficiency recovery and storage of all low pressure refrigerants including R11, R113, R123, R114
- Unit is hard piped and permanently mounted on ASME tank
- For use with large tonnage chillers
- Capable of storing up to 7868 lbs of R-11 at 80% capacity
- Mounted on casters for mobility
- Low pressure switch: 29" Hg
- Float connection: 3-pin BH
- Includes:
 - Dual 250 psi relief valves on diverting valve
 - 80% Tank full float switch and 12' cable
 - Bottom drain connection
 - Liquid and vapor ports: 3/4" threaded connection with isolation ball valves
 - (2) 10' x 3/4" Diameter hoses
 - (1) 20' x 3/4" Diameter hose
 - 100' Power cord for controls
 - 50' Power cord for unit
 - (2) 3/4" - 5/8" and 5/8" - 1/2" Fittings
- Certified by ETL to UL-1963 standards
- Rated in accordance with ARI Standard 740-1998



Part#	Mfg#	Description
TOL03101	CRL-240-A-500	230-1-60, 220-1-50, 2 hp, 15A, Water-Cooled Pumpout Unit with 500 gal Tank
TOL03489	CRL-V-115-A-500	115-1-60, 110-1-50, 2 hp, 15A, Water-Cooled Pumpout Unit w/500 gal Tank & 10.6 CFM Welch Vacuum Pump

MityVac/ASME Packaged Recovery/Storage Unit

- Pump-out and storage for R-12, R-22, R-500, R-502, R-134a, MP39, R-409A, R507 and other high pressure refrigerants & blends
- MITYVAC Unit is integrated with a 250 or 500 gallon ASME tank for total pumpout and storage capability
- MITYVAC Unit is hard piped and permanently mounted on ASME tank
- System is mounted on casters for mobility
- Includes:
 - Dual 250 psi pressure relief valves on diverting valve
 - Pressure gauge
 - Sight glass tube
 - 80% Tank full float switch and 6' 3-pin cable
 - (2) 38 cu in Filter cores
 - 100' 12 gauge power cord
 - Bottom drain connection
 - Liquid and vapor ports: 1/2" threaded connections with isolation ball valves
 - (2) 1/2" x 20' Recovery hoses



Part#	Mfg#	Description
TOL01795	MRH-240-A-500	230-1-60, 220-1-50, 1.5 hp, 15A, Air-Cooled Pumpout Unit with 500 gal Tank



Refrigerant Recovery

Refrigerant Recovery and Storage Tanks

ASME High Capacity Refrigerant Storage Tank

- Accepts compete high or low pressure refrigerant charges from large chillers
- Mounted on casters
- High pressure (-HP) tanks: Dual 250 psi relief valves on diverting valve
- Low pressure (-LP) tanks: 250 psi rupture disc and 250-psi relief (meets ASME section VIII div 1 and ANSI specifications)
- Pressure gauge
- (3) Sight glass windows
- 80% Tank full float switch
- Bottom drain connection
- Liquid and vapor ports: Threaded connections with isolation ball valves are supplied standard; ball valves may be substituted with quick connect fittings on LP tanks only
- 3/4" Connections accommodate Lovac, Allvac, or Evac Commercial recovery units



Part #	Mfg #	Capacity	Ports Size	Connections	Pressure	Dimensions H x W x L
TNK00906	ASME-120-075-HP	120 gal	3/4" Flare	Ball Valves	High	39" x 85-1/2" x 30"
TNK00907	ASME-120-075-LP	120 gal	3/4" Flare	Ball Valves	Low	39" x 85-1/2" x 30"
TNK00908	ASME-120-075-LP-QC	120 gal	3/4" Flare	Quick Connects	Low	39" x 85-1/2" x 30"
TNK00837	ASME-250-075-HP	250 gal	3/4" Flare	Ball Valves	High	42" x 92" x 30"
TNK00838	ASME-250-075-LP	250 gal	3/4" Flare	Ball Valves	Low	42" x 92" x 30"
TNK00839	ASME-250-075-LP-QC	250 gal	3/4" Flare	Quick Connects	Low	42" x 94" x 30"
TNK00842	ASME-500-075-HP	500 gal	3/4" Flare	Ball Valves	High	49" x 113" x 37"
TNK00843	ASME-500-075-LP	500 gal	3/4" Flare	Ball Valves	Low	49" x 113" x 37"
TNK00844	ASME-500-075-LP-QC	500 gal	3/4" Flare	Quick Connects	Low	49" x 113" x 37"
TNK00909	ASME-850-075-HP	850 gal	3/4" Flare	Ball Valves	High	49" x 166" x 41"
TNK00910	ASME-850-075-LP	850 gal	3/4" Flare	Ball Valves	Low	49" x 166" x 41"
TNK00911	ASME-850-075-LP-QC	850 gal	3/4" Flare	Quick Connects	Low	49" x 192" x 52"



Refrigerant Recovery

DOT Refrigerant Recovery Tank

- Typical recovery tanks have small diameter ports that restrict refrigerant flow and decrease recovery rates. RefTec 250 & 1000-lb D.O.T. tanks have been fitted with full 3/4" service valves and copper dip tubes to eliminate restrictions and allow faster refrigerant transfer
- Tanks service R-11, R-12, R-22, R-113, R-114, R-123, R-134a, and additional high pressure refrigerants and blends
- For R-410A, use only 30 and 50 lb tanks
- Quick connects are available for tanks servicing low pressure refrigerants



Part #	Mfg #	Description	Port Size	Dry Weight	Dimensions OD x H	Working Pressure
CYL00188	-	30 lb Tank Only, R-410A	1/4"	16 lbs	9" x 18"	400 psi
CYL00189	-	30 lb w/80% Shut-Off Switch, R-410A	1/4"	16 lbs	9" x 18"	400 psi
CYL00186	-	50 lb Tank Only, R-410A	1/4"	28 lbs	12.5" X 19"	400 psi
CYL00187	-	50 lb w/ 80% Shut-Off Switch, R-410A	1/4"	28 lbs	12.5" x 19"	400 psi
CYL00182	CYL-250	250 lb w/Ball Valves	3/4"	86 lbs	16" x 44"	260 psi
CYL00184	CYL-250-QC	250 lb w/Quick Connects	3/4"	86 lbs	16" x 44"	260 psi
CYL00185	CYL-250-LS-QC	250 lb w/Quick Connects & Liquid Switch	3/4"	86 lbs	16" x 44"	260 psi
CYL00218	CYL-0250-410A	250 lb w/Ball Valves R-410A Compatible	3/4"	86 lbs	15" x 49"	400 psi
CYL00219	CYL-0250-LS-410A	250 lb w/Ball Valves & Liquid Switch, R-410A	3/4"	87 lbs	15" x 49"	400 psi
CYL00183	CYL-0250-LS	250 lb w/ 80% Shut-Off Switch	3/4"	87 lbs	15" x 49"	400 psi
CYL00178	CYL-1000	1,000 lb 3/4" Flare w/Ball Valves	3/4"	360 lbs	30" x 58"	260 psi
CYL00179	CYL-1000-LS	1,000 lb w/Ball Valves & Liquid Switch	3/4"	360 lbs	30" x 58"	260 psi
CYL00180	CYL-1000-QC	1,000 lb w/Quick Connects	3/4"	360 lbs	30" x 58"	260 psi
CYL00181	CYL-1000-LS-QC	1,000 lb w/Quick Connects & Liquid Switch	3/4"	360 lbs	30" x 58"	260 psi
CYL00220	CYL-1000-410A	1,000 lb w/Ball Valves R-410A Compatible	3/4"	358 lbs	30" x 58"	400 psi
CYL00221	CYL-1000-LS-410A	1,999 lb w/Ball Valves & Liquid Switch, R-410A	3/4"	86 lbs	15" x 49"	400 psi

RefTec Custom Designs

Let Reftec design and build the custom units needed to complete those specialized jobs encountered in today's marketplace.

- Caustic environment tools
- NEMA 4 enclosures
- NEMA 7 explosion proof enclosures
- Remote control panels
- Specific voltage requirements
- Permanent mounts
- Water cooled options
- Vacuum pump options for recovery units
- ASME tank mounted recovery units
- Refrigerant transfer stations
- Specific government and environmental requirements
- Large tonnage storage of refrigerants
- Ammonia recovery
- Modified dimensions for tight chiller rooms
- Made to order refrigerant manifolds
- R410a storage cylinders
- Hard to find tools for specialized refrigerants
- And more!

Contact your local RefTec sales representative and discuss your application.



Refrigerant Scales

Charging Scales

Charging Scale

- Auto zero
- Tethered display with flip-up stand
- Adjustable leveling feet with built-in level indicator
- Handles cylinders up to 330 lbs



Part #	Mfg #	Description
TOL02770	2010-0000	CS100 Charging Scale

Digital Electronic Charging Scale

- Calibration standards traceable to NIST
- Removable control module on retractable 5' coiled cord
- Mechanical overload protection and "OL" alert on LCD
- Industrial grade circuitry for long life performance
- Minus reading shows weight removed from the platform
- Single point load cell strain gauge for long term stability and accuracy
- Mesh filter in charging module protects solenoid valve
- Low flow triggers automatic hold to extend solenoid life
- Schrader valve prevents backflow through solenoid



110 lbs Digital Electronic Charging Scale

- Platform size: 9" x 9"
- Case size: 15.5" x 12.25"
- Accuracy: +/- 0.5 oz or 0.1% of reading

Part #	Mfg #	Description
TOL01548	68802	110 lb Electronic Scale

Refrigerant Scales

Slimline Refrigerant Scale

- (3) Display modes: lbs/oz, decimal lbs, kilograms
- Slim 2.5" Thick design
- Can be used with all refrigerants
- 9 VDC Power supply
- Removable control box with prop stand/hanging hook
- 6' Coil cord
- CE Approved



Part #	Mfg #	Description
TOL01952	TIF9010A	110 lb Capacity

Wireless Refrigerant Scale

- No tangled wire mess
- Solid aluminum construction
- Rubber bumpers and grip plate
- Remote stores in the platform body
- Push-button synchronization and zeroing
- Highly accurate weight sensor
- Magnetic hat on the remote
- Sloped plate edge guides bottles in position



Part #	Mfg #	Description
TOL03432	SRS2C	Wireless Refrigerant Scale with Nylon Case
CAS01840	ANC9	Scale Case for Holding SRS2 Wireless Refrigerant Scale

Refrigerant Recovery

Refrigerant Handling

We have something for you.

Return your used refrigerants to us.

We provide:

- ✓ Cash or credit for your used refrigerants
- ✓ A hassle free return program
- ✓ An easy cylinder swap program

Help secure future supply.



ReKlaim
COLLECTION CENTER

Backed by Airgas.

Airgas

Vacuum Pumps & Gauges

Oil Pumps & Injectors

Max-Flow™ Combination Oil Pump & Pumping Tube

- Removes oil for recovery and conversion
- Adds oil to existing systems
- Pumps oil into compressor on the down stroke while system is under pressure making pumping easier with a positive stroke
- Pumps against 200 psi pressure
- Universal stopper adjusts to all standard openings in 1, 2-1/2 and 5 gallon oil containers
- Suction transfer hose and fittings included
- Use with alkyl-benzene, ester-based, polyolester, mineral and synthetic oil



Part #	Mfg #	Description
TOL01454	77940	2.6 oz per Stroke

Max-Flow™ Deluxe Oil Pump

- Removes oil for recovery and conversion
- Adds oil to existing systems
- Fits all size containers
- Foot stand base provides support and leverage while pumping against high pressures of a running compressor
- Pumps against 250 psi pressure
- Operating unit in reverse with adapter hose accessory removes oil from equipment quickly and efficiently
- Use with alkyl-benzene, ester-based, polyolester, mineral and synthetic oil



Part #	Mfg #	Description
TOL01424	77930	3.8 oz per Stroke

Vacuum Gauges

Digital LCD Economy Vacuum Gauge

- Gauge tracks 14 increments from atmosphere to 25 microns
- 9V Alkaline battery



Part #	Mfg #	Description
GAG00951	69080	Vacuum Gauge with Battery, Hook & Pouch

Digital Vacuum Gauge

- Displays 7 different units of vacuum (microns, milliTor, Torr, millimeters of mercury, millibar, kiloPascal and Pascal)
- Cleanable, replaceable plug-in sensor automatically compensates for temperature with no calibration
- 12" Coiled sensor cord with 24" stretch
- 9V Alkaline battery



Part #	Mfg #	Description
GAG01064	69086	Hand-Held Vacuum Gauge, Fabric Carry Pouch Included

SuperEvac™ LCD Vacuum Gauge

- Thermocouple sensor technology combined with advanced IC electronics not found with thermistor sensors or analog meters
- Accurate readings from atmosphere to 1 micron
- Compact design with case for sensor, cable and brass connector
- "D" Cell battery for approximate 70 hour battery life



Part #	Mfg #	Description
GAG00941	69075	Atmosphere to 1 Micron Full Range, Case Included

14010 Thermistor Vacuum Gauge

- Measures from 25,000 to 0 microns
- Large analog meter is clearly marked for easy reading of micron levels
- Two operation modes allow selection between the null method or direct meter reading
- Proven bridge circuit compensates for changes in the ambient temperature from 30°F to 120°F



Part #	Mfg #	Description
GAG00889	14010A	Thermistor Vacuum Gauge

With proper vacuum pump maintenance you can get continued return on your pump investment. Refer to your operation manual for maintenance instructions.

Vacuum Pumps & Gauges

14830A Thermistor Vacuum Gauge

- LCD Screen can be read even in direct sunlight and minimizes battery consumption
- No adjustments to make, no calibrations for atmospheric pressure or altitude
- Durable carrying case with built-in compartment for storing 24" charging hose (included)

ROBINAIR



Part #	Mfg #	Description
GAG00151	14830A	Thermistor Vacuum Gauge

SuperEvac™ Vacuum Pump

- 115V/60Hz Single-phase
- 2-Stage rotary vane evacuates quickly
- 15 Micron field blankoff
- 1/4" & 1/2" Male flare connections
- 1/2 hp, 1725 rpm Motor



Part #	Mfg #	CFM	Oil Cap	Dimensions
PMP01517	93540	4.0	36	16.25" x 6" x 11.5"
PMP01518	93560	6.0	36	16.25" x 6.75" x 12"
PMP01519	93580	8.0	32	16.75" x 6.75" x 12"

Refrigerant Handling

Vacuum Pumps

Bullet™ 7 CFM Vacuum Pump

- 2-Stage rotary vane
- Intake: 1/4" x 3/8" x 3/8"
- Motor: 1/2 hp
- 6' Power cord
- Oil capacity: 28 oz



Part #	Mfg #	Description
PMP01916	93600	7 CFM, 115V/60Hz Single-Phase

Cool-Tech™ Technology Vacuum Pump

- Two-stage, 115V 60Hz operation

ROBINAIR



10 CFM



4 CFM/ 6 CFM

Part #	Mfg #	CFM	Hp	Weight
PMP00662	15400	4	1/3 hp	27 lbs
PMP00661	15600	6	1/3 hp	27 lbs
PMP00938	15120A	10	1/2 hp	38 lbs

Vacuum Pump

BACHARACH



- 110V/60Hz; 1/4 hp (QV2); 1/2 hp (QV5)
- Two-stage vacuum design
- Check valve prevents pump-oil from entering the evacuated system after the pump stops
- Built-in filter eliminates oil mist, and an oil-gas separator removes oil contamination from the exhaust
- Aluminum alloy motor casing
- Motor and pump are integrated to make the unit compact
- Large starting torque- designed for low temperature and low voltage operation, the pump will start in temperatures >40°F (>5°C), at its rating input voltage of 110VAC +/-10%
- Oil circulation design

Part #	Mfg #	Description
PMP01742	2002-0001	QV2, 1.7 CFM
PMP01743	2002-0005	QV5, 5.3 CFM

VacuMaster Vacuum Pump

- Two-stage, 115V 60Hz operation
- 1/2" ACME and 1/4" MFL intake fitting
- 7.5 oz Oil capacity



ROBINAIR

Part #	Mfg #	CFM	Hp	Weight
PMP01657	15500	5	1/3 hp	28 lbs
PMP01779	15800	8	1 hp	37 lbs

Service Tools

Access Fittings

- Low cost port for refrigeration servicing
- 1/4" SAE Male flare access ports, quick seal cap and stainless and brass special refrigeration valve core

Cop Cap™ Locking Valve Cover



Part #	Mfg #	Description
TOL02066	VCC-4	Locking Valve Cap, 2/Pk

Extended Copper Tube



Part #	Mfg #	Description
FTG01096	VAX-3	3/16" OD x 1/8" ID
FTG01097	VAX-4	1/4" OD x 3/16" ID
FTG00947	VAX-4B	6.35mm OD x 4.76mm ID, Bulk
FTG00965	VAX-6B	3/8" Tube, AF

Flare Cap



Part #	Mfg #	Description
CAP01012	VC-4	1/4" Flare Cap
CAP00997	VC-4R	1/4" Flare Cap with Core Remover

Swivel Tee with Permanent Depressor



Part #	Mfg #	Description
FTG01103	VST-4	1/4" Access on Run x 1/4" Female Flare w/Depressor on Female Swivel Branch End
FTG01104	VST-44	1/4" Access on Run x 1/4" Access on "T" - Female Swivel on Run

Valve Core



Part #	Mfg #	Description
COR00110	VVC-1	Valve Core, 6/Pk

Access Fittings

Brass Cap

- Knurled ridges



Part #	Mfg #	Description
CAP00470	40572	1/4" Solid Brass

Quick Seal™ Adapter

- Solid brass fitting
- Automatically shuts off charging hose



Part #	Mfg #	Description
ADP00363	10292	1/4" MFL x 1/4" FFL
ADP00362	10250	90° Adapter

Solder Union Type Tube Extension

- Feature 1/4" MFL access
- Furnished with valve cores
- 6/Pack



Part #	Mfg #	Description
UNN00041	40416	1/4" MFL x 1/8" OD Copper
UNN00042	40417	1/4" MFL x 3/16" OD Copper
UNN00045	40420	1/4" MFL x 3/8" OD Copper

Tee Fitting



Part #	Mfg #	Description
TEE00201	40386	1/4" MFL Run x 1/4" FFL Run w/Depressor x 1/4" MFL Branch with Core, 3/Pk
TEE00200	40396	1/4" MFL Branch with Core x 1/4" FFL Swivel Run, 3/Pk
TEE00202	40398	1/4" MFL Run x 1/4" MFL Run with Core x 1/4" FFL Swivel Branch w/Depressor 3/Pk

Service Tools

Valve Core



Part #	Mfg #	Description
VAL04458	13145	1/4" Brass Valve Core Remover/Installer with (6) Valve Cores
TOL03075	18560	1/4" Brass Valve Core Remover/Installer with Brazed Side Fitting
TOL02223	18561	Solid Brass Body Remover/Installer
VAL04454	40352	Valve Cores, 6/Pk

Access Fittings

Gauge Quick Coupler with CH14 Adjustable Valve Opener



Part #	Mfg #	Description
CPL00939	19110	1/4" Fe QC x 1/8" FNPT

Liquid Charging Adapter

- To protect the compressor, adapter orifice reduces liquid flow to a level below compressor capacity
- Refrigerant flashes off into a saturated vapor to speed entry
- Eliminates the time and work of heating cylinders
- Blue color-coded aluminum



Part #	Mfg #	Description
ADP01099	41123	1/4" Liquid Charging Adapter

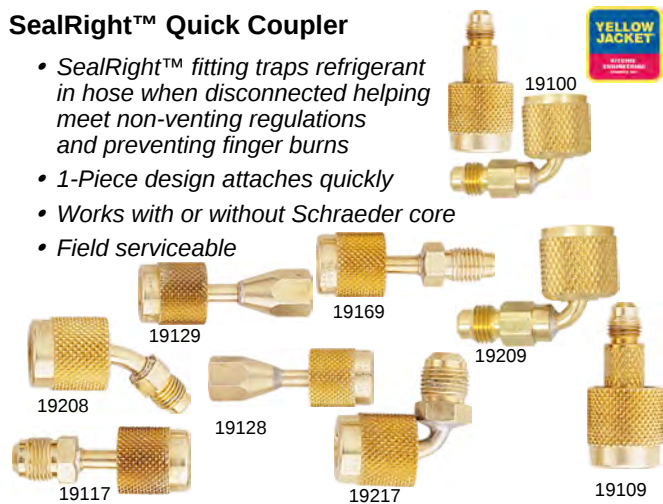
45° R-410A Quick Coupler with Schraeder Core in Male End



Part #	Mfg #	Description
CPL01043	19173	5/16" 45° Fe QC x 1/4" M Flare

SealRight™ Quick Coupler

- SealRight™ fitting traps refrigerant in hose when disconnected helping meet non-venting regulations and preventing finger burns
- 1-Piece design attaches quickly
- Works with or without Schraeder core
- Field serviceable



Part #	Mfg #	Description
CPL00924	19109	1/4" Straight SR x 1/4" M Flare
CPL00928	19208	1/4" 45° SR x 1/4" M Flare
CPL00925	19209	1/4" 90° SR x 1/4" M Flare
CPL00944	19128	1/4" Straight x 1/8" FNPT
CPL01002	19100	Set of 19109 & 19209
CPL00945	19117	1/4" SealRight Str x 3/4" M Flare
CPL00948	19217	1/4" 90° SR x 3/8" M Flare
CPL00955	19129	1/4" Straight SR x 1/4" FNPT
CPL01113	19169	1/2" ACME SealRight x 1/2" ACME

SealRight™ Repair Assembly Component



Part #	Mfg #	Description
RNG01691	19037	1/4" O-Ring, 10/Pk
KIT07517	19040	1/4" SealRight™ Rebuild Kit

A/C Ratchet Wrenches

- (4) Clearly marked square openings: 1/4" & 3/16" on one end, 3/8" & 5/16" on the other



Part #	Mfg #	Description
TOL00178	10696	Reversible Wrench
TOL00184	11012	Reversible Offset Wrench

Service Tools

Cylinder Valve Adapter

- Finger tight adapters fit 125 and 145 lb cylinders
- No wrench required
- Seal remains seated



Part #	Mfg #	Description
ADP00917	19105	3/4" NPS Cylinder Adapter, w/ 1/4" Male Flare

Hex Key Adapter

- Fits Yellow Jacket® service wrenches
- Used on liquid and suction base valves on residential and commercial units up to 7-1/2 tons
- Works for 3/16" and 5/16" hex valves
- Heat-treated for toughness
- Black oxide plating



Part #	Mfg #	Description
TOL01410	60609	Hex Key Adapter

Line Piercing Valves and Tools

"MAC" Line Piercing Valve

- Uniport: (1) connection for piercing and servicing
- Needle automatically back seats after servicing



Part #	Mfg #	Tube Size
VAL07548	QTM-1	1/4", 5/16", 3/8" OD

Valve Core Storer

- All steel valve core remover and storage container
- Knurled for easier grip
- four replacement cores are included with each tool



Part #	Mfg #	Description
TOL01760	VCR-1	Core Remover & Storer

Ratcheting Box Wrenches

Fully Reversible Ratcheting Refrigeration Wrench

- Fully reversible ratchet wrenches designed for refrigeration packing gland nuts and valve stem sockets
- Also designed for beam clamp installation
- Wrenches are compact in size, with clearly marked sockets for four nut sizes



Part #	Mfg #	Socket Sizes
TOL02358	68310	3/16" & 5/16" Square x 1/4" & 3/8" Square

Service Wrenches

Offset Service Wrench

- Knuckle-Saver™ design for tight areas
- Square openings 1/4" & 3/16" at one end; 3/8" and 5/16" at other end



Part #	Mfg #	Description
TOL01409	60616	Offset Service Wrench

Service Wrench and Adapter

- #60613 Combination service wrench with hex
- #60609 adapter for accessing liquid and suction based valves
- Hex has 3/16" and 5/16" hex sizes



Part #	Mfg #	Description
TOL01517	60610	Service Wrench & Adapter

Service Wrench - Straight

- Square openings 1/4" & 3/16" at one end; 3/8" & 5/16" at other end



Part #	Mfg #	Description
TOL01408	60613	Straight Service Wrench
TOL01517	60610	60613 Service Wrench & 60609 Adapter

Service Tools

System Tubing Tools

Ergonomic FinFix™ Combs

- Set of (6) assorted colors
- Improved shape conforms to hand and thumb for more comfortable grip
- Color-coded nylon fin combs
- Straightens and cleans fins on standard and high efficiency condensers and evaporators



Part #	Mfg #	Description	Fins/Inch
TOL01446	61158	Set of 6 Assorted	8 - 20 FPI

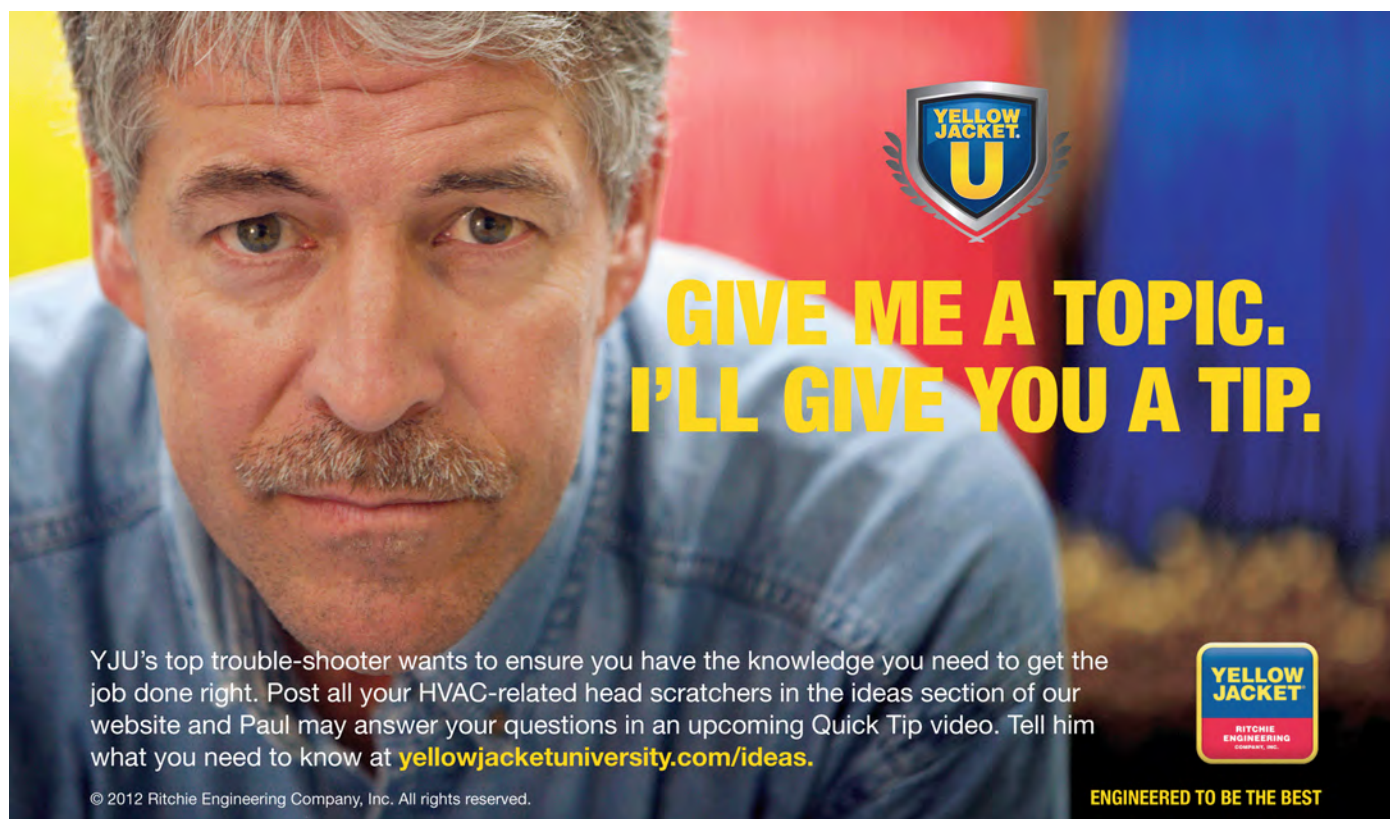
Fan Blade Puller and More

- All-steel design
- 15/16" Hex head included
- Pulls off fan blades
- Removes pulleys and sheaves
- 5/8" Shaft milled back 1-1/2" and undersized for 1/2" shaft opening
- Removes squirrel cage type blower wheel
- Self-centering alignment tool included



Part #	Mfg #	Description
TOL01510	60590	Fan Blade Puller Complete

Refrigerant Handling



YELLOW JACKET U

GIVE ME A TOPIC. I'LL GIVE YOU A TIP.

YJU's top trouble-shooter wants to ensure you have the knowledge you need to get the job done right. Post all your HVAC-related head scratchers in the ideas section of our website and Paul may answer your questions in an upcoming Quick Tip video. Tell him what you need to know at yellowjacketuniversity.com/ideas.

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RITCHIE ENGINEERING
CORPORATION, INC.

ENGINEERED TO BE THE BEST

Service Tools

Fin Straighteners

- Straightens condenser and evaporator fins
- Cleans away lint, rust, dirt and other debris
- Adjustable tension
- Sturdy metal body



Part #	Mfg #	Description
TOL01421	61170	Large Handle Fin Straightener

Deluxe 45° Flaring Tool

- Designed for R-410A flaring requirements
- Automatic tube height gauge
- Self-centering flaring yoke for more precise flares
- Multi-faceted burnishing cone
- Rugged one-piece construction



Part #	Mfg #	Description
TOL03215	60278	1/8" - 3/4" OD

Ratchet Hand Bender Kit

- One-hand bending of soft copper, aluminum and light-wall hydraulic tubing from 3/8" - 7/8"
- Bending shoes change quickly
- Trouble-free ratchet mechanism
- Index marks ensure bending to length



Part #	Mfg #	Description
TOL01441	60331	Complete Kit

Swaging and 45° Flaring Tool Kits with Case

- Flare and swages copper and similar materials
- Hardened, chrome-plated adapters are interchangeable to convert sizes and functions
- Slip-on self-centering steel yoke with feed screw and extra long handle
- Deeply knurled adapters for sure grip



Part #	Mfg #	Description
TOL01407	60440	3/16" to 3/4"OD

HT278 9-Piece Flaring & Cutting Kit

- 1/8" - 1-1/8" Tube cutter
- 1/8" - 3/4" Flaring tool with (2) flares
- Refrigeration ratchet wrench
- 3/16" - 3/4" Swaging heads
- For soft copper, brass and aluminum tubing



Part #	Mfg #	Description
TOL02773	2002-6500	9-Piece Flaring, Swaging and Cutting Kit

Tubing Expander/Swager

- Precise swaging on the job
- Re-round deformed tubes and fittings
- Salvage shorts and scrap to make couplings
- Handles, tapered expanding pin and other moving surfaces heat treated for durability
- Use on 0.063" wall soft copper and aluminum to 1-5/8" OD
- Use on 0.047" wall soft steel to 7/8"OD



Part #	Mfg #	Description
TOL02058	60407	Kit Expands 5/16" to 1-5/8" OD

Hydraulic Tube Expander Kit for Flaring/Swaging

- 1-Hand operation
- Eliminates fittings
- Hydraulic power
- Lightweight and portable



Part #	Mfg #	Head Sizes:
TOL03816	60493	3/8", 1/2", 5/8", 3/4", 7/8", 1-1/8", 1-3/8", 1-5/8" Tubing OD

Six-in-One Swaging Tool



Part #	Mfg #	Description
TOL00187	12479	For 3/16", 1/4", 3/8", 5/8"

Service Tools

Vacuum/Charging Valves

Compact Ball Valve for Full Flow

- Metal valve handle
- Add to hoses for charging and recovery
- Minimum burst: 4,000 psi
- Maximum working pressure: 800 psi
- UL Recognized assembly



Part #	Mfg #	Description
VAL07476	93843	1/4" Compact Ball Valve 45°
VAL07517	93842	1/4" Compact Ball Valve 45°, 3/Pk

Gas Retention Valve

- Controls refrigerant flow from access fitting
- Closes Schraeder before disconnecting
- 1/4" Female flare x 1/4" male flare



Part #	Mfg #	Description
VAL07202	18993	Control Valve and Core Tool

1/4" 4-In-1 Vacuum/Charge Ball Valve & Core Tool

- Core replacement
- Extra 1/4" side port to attach electronic micron vacuum gauge right at system for greater accuracy
- Core removal access to evacuate and charge through an unrestricted line for increased speed and higher vacuum
- Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process



Part #	Mfg #	Description
TOL01391	18975	Vacuum/Charge Valve with Side Port
TOL02115	18971	Vacuum/Charge Valve less Side Port

5/16" 4-In-1 Vacuum/Charge Ball Valve & Core Tool

- Core removal access to evacuate and charge through an unrestricted line for increased speed and higher vacuum
- Core replacement
- Core removal allows recovery unit to work at maximum efficiency, speeding the recovery process
- For use with R-410A



Part #	Mfg #	Description
TOL03023	18985	5/16" Vacuum/Charge with Side Port

Charging Jacket

S365 Charging Jacket

- Charge TXV systems in 37° to 70°F outside temperature
- Service maintenance contracts before and after the summer heat
- Easy to adjust to reach correct pressure differential



Part #	Mfg #	Description
CAS01970	S365	TXV Meter Charging Jacket

Service Tools

Tube Cutters

Heavy-Duty Mini-Cutter

- Wide body for easy grip
- Large rollers and flare cut-off groove
- Small-Mini has turning radius of only 1-3/16"
- Big-Mini cuts from 1/4" - 1/8" OD and still compact



Part #	Mfg #	Description	Capacity
TOL01403	60160	Small-Mini	1/8" - 5/8" OD
TOL01400	60121	Mini-Cutter	1/8" - 7/8" OD
TOL01401	60142	Big-Mini	1/4" - 1-1/8" OD

Premium Tube Cutter

- Enclosed precision feed mechanism
- Resists jams
- Wide rollers with flare cut-off groove
- Wheel recessed into cutter body saving 1" in cutting radius
- High quality alloy steel construction makes a sharper cutting wheel edge for less burr
- Spare wheel attached
- Corrosion-resistant finish
- Retractable reamer



Part #	Mfg #	Description	Capacity
TOL01402	60101	Small	1/8" to 1-1/8" OD
TOL01444	60102	Large	1/4" to 1-5/8" OD

Professional Mini-Tube Cutter

- Requires only 1-3/8" swing radius
- Smooth feed mechanism
- Not designed for cutting stainless steel or hard tempered tubing



Part #	Mfg #	Cuts:
TOL03181	88977	1/8" - 5/8" OD Tubing

Professional Tube Cutters

- Accurate (4) roller tracking system -no spiraling
- Professional reaming tool
- Extra cutting wheel included
- Replacement cutting wheel available (88905)



Part #	Mfg #	Cuts:
TOL03455	88904	1/8" - 1-3/8" Steel & Copper
TOL03535	88905	Replacement Wheel for 88904



Brazing Alloys & Flux

Aluminum Brazing Alloys

AL 802 - Handy One® Flux Cored Braze Alloy

- High strength, low temperature braze for joining aluminum to aluminum and aluminum to copper
- Contains a non-corrosive flux
- Great for repair work on aluminum coils



Part #	Mfg #	Size	Qty
AL822	99088	.090" Dia x 20"	(4) Sticks

Copper Brazing Alloys

Sil-Fos® 5 Alloy

- Designed for applications where close fit-ups cannot be maintained
- Ability to fill gaps and form fillets without adversely affecting joint strength
- Slow flow



Part #	Mfg #	Size	Qty
LM95060	95060	.125" x .050" x 20"	1# Tube

Sil-Fos® 6 Alloy

- A very fluid filler metal for close fit-up work
- Low melting range makes it ideal where temperature is a factor
- Fast flow



Part #	Mfg #	Size	Qty
LM95090	95090	.125" x .050" x 20"	1# Tube

Sil-Fos® 15 Alloy

- For general copper-copper brazing in the Sil-Fos family with no separate flux
- For brass applications flux is recommended.
- Works well to "bridge" gaps
- Withstands moderate vibration
- Fast flow



Part #	Mfg #	Size	Qty
LM95150	95150	.125" x .050" x 20"	1# Tube

Sil-Fos® 15 Rings

- Pre-sized ring inserts into fitting for hands-free brazing
- For general copper-copper brazing in the Sil-Fos family with no separate flux
- For brass applications flux is recommended
- Works well to "bridge" gaps
- Withstands moderate vibration
- Fast flow



Part #	Mfg #	Size (OD)	Qty
98700	98700	1/4" OD	25/Bag
98701	98701	3/8" OD	25/Bag
98702	98702	1/2" OD	25/Bag
98703	98703	5/8" OD	25/Bag
98704	98704	3/4" OD	25/Bag
98705	98705	7/8" OD	25/Bag
98706	98706	1-1/8" OD	10/Bag



SIL-FOS® 15 RINGS

— VERIFIED —

STRONG & TIGHT

EASY-TO-USE

VISUAL VERIFICATION

LOWER COST

See it in action



www.silfos.com/videos

LucasMilhaupt®
A Handy & Harman Company
Global Brazing Solutions®

Brazing Alloys & Flux

Silver-Bearing Braze Alloys

- Cd-free

Braze 450 Alloy

- General purpose filler metal for joining ferrous, non-ferrous and dissimilar metals with large joint clearances



Part #	Mfg #	Size	Qty
LM98000	98000	1/16" Dia x 1 Troy oz	
LM98001	98001	1/16" Dia x 3 Troy oz	

Braze 505 Alloy

- Best general purpose filler metal
- Recommended for stainless steel as it retards interface corrosion
- Nickel content provides superior adhesion to base metal surfaces



Part #	Mfg #	Size	Qty
LM98070	98070	1/16" Dia x 1 Troy oz	

Braze 505 Flux Coated (Blue) Alloy



Part #	Mfg #	Size	Qty
LM98110	98110	.062" Dia x 18", 4 oz Tube	

Braze 452 Flux Coated (Orange) Alloy



Part #	Mfg #	Size	Qty
LM98100	98100	.062" Dia x 18" x .25# (8)	

Braze 560 Flux Coated (Yellow) Alloy



Part #	Mfg #	Size	Qty
LM98120	98120	.062" Dia x 18", 4 oz Tube	

Solder

Al 802 Handy One Solder - Flux Cored

- For joining aluminum and aluminum alloy
- Alloy is cored with a non-corrosive flux



Part #	Mfg #	Size	Qty
LM99087	99087	.078" Dia x 20", 4 Sticks	

Clean 'N Brite™ 6 - 94Sn/6Ag Solder



- Lead-free, silver-bearing high-strength solder used for applications requiring large joint clearances
- Easiest silver-bearing soft solder to work with as temperature range permits "bridging" loose fit-ups if necessary



Part #	Mfg #	Size	Qty
LM96010	96010	1/8" Dia x 1# Spool	

Clean 'N Brite No Lead 4Cu/95.5Sn/.5Ag Solder



Part #	Mfg #	Size	Qty
LM96150	96150	1/8" Dia x 1# Spool	

Solder Flux

C-Flux® Solder Flux

- Gray color
- Lead-free containing powdered solder which provides added insurance for a leak free joint



Part #	Mfg #	Size	Qty
FLX00028	74025	12 oz	

Clean 'N Brite Paste Solder Flux



Part #	Mfg #	Size	Qty
LM97020	97020	4 oz Jar w/Brush Cap	

Handy Flux® Paste

- All purpose, low temperature
- Cleanup with hot water
- Active temperature range 600°F -1100°F



Part #	Mfg #	Size	Qty
LM97030	97030	7 oz Jar w/Brush Cap, White	

Brazing & Soldering Supplies

Heat Absorption Compounds

Rectorshield™

- Tan color
- Thermal absorption compound



Part #	Mfg #	Description
CHM00281	83554	11 oz Tube

Specialty Products

Thermo-Trap® Gel

- Heat absorbing paste to isolate heat encountered in soldering, welding, and brazing
- Adheres to all surfaces
- Will not melt or run
- Cleans up easily, will not stain work surfaces
- Harmless to skin and clothing, odorless
- 100% Biodegradable



Part #	Mfg #	Description
CHM00816	4371-53	4 oz Spray Bottle
CHM00781	4371-32	32 oz Spray Bottle

Thermo-Trap® Paste

- Heat absorbing paste to isolate heat encountered in soldering, welding, and brazing
- USDA Approved



Part #	Mfg #	Description
CHM00425	4371-36	11 oz Tube

Acetylene Torches

Extreme™ Air Acetylene Torch Kit

- Extreme™ swirl technology
- All tips feature quick disconnect couplings
- Color-coded O-rings for gas identification
- Rear valve position
- Regulator: AR-B
- B Tank connection: B
- Includes:
 - Traditional manual lighting torch
 - Hose (AH-12)
 - Handle (G4)



Part #	Mfg #	Soft Solders To	Silver BrazesTo	Tips
KIT08348	0386-0335	3"	1-5/8"	A-3, A-11
KIT08349	0386-0336	3-1/2"	2"	A-5, A-14

Extreme™ Self-Lighting Air Acetylene Torch Kit

- Extreme™ swirl technology
- Quick disconnect handle and tip
- Replaceable tip
- Color-coded O-rings for gas identification
- Regulator: AR-B
- B Tank connection
- G4 Handle
- Rear valve position
- Includes:
 - Gauge guards
 - Cylinder wrench
 - Hose (AH-12)
 - Instruction manual



Part #	Mfg #	Soft Solders To	Silver BrazesTo	Tip
KIT08351	0386-0835	2"	1"	PL-8A

TurboTorch® Air Acetylene Rolling Tote Kit

- Store and transport air acetylene equipment and B tank
- Metal framework
- Telescoping pull handle
- Metal sleeve for hot tip storage
- Adjustable vehicle security strap
- Includes:
 - Tips (PL-8A & A-3)
 - Torch handle (G4)
 - Regulator (AR-B)
 - Hose (AH-12)
 - Tote case



Part #	Mfg #	Description
TOL03719	0386-0578	Air Acetylene Rolling Tote Kit

Brazing & Soldering Supplies

Nitrogen Components

Nitrogen Purging Regulator

- 2" Gauges
- Forged brass
- High pressure: 4,000 psig



245-03P



250-800-580



245-02P

Part #	Mfg #	Model No	Low Pressure	Delivery Range
REG00442	0386-0813	245-02P	400 psig	0-250 psig
REG00459	0386-0814	245-03P	600 psig	0-500 psig
REG00597	0386-0857	250-800-580	0-1000 psig	0-800 psig

Nitrogen Purge Kits

NFM-TT Nitrogen Flowmeter

- For nitrogen purging
- Brass body construction
- Outflow: 0 to 75 SCFH and 0 to 35 LPM
- 1/4" FFIR Inlet
- Maximum inlet pressure: 50 psi
- 1/4" MFIR Outlet
- Over-pressure safety relief valve
- Provides visual confirmation of gas flow



Part #	Mfg #	Description
TOL03720	0386-0849	NFM-TT

NPK-TT Nitrogen Purge and Blow Gun Kit

- Includes:
 - Nitrogen regulator
 - Turbo Tornado™
 - (2) Cone plugs(1/2" & 3/4")
 - Needle tip
 - CO2 Adapter
 - Standard charge hose (36" x 1/4")
 - Standard charge hose (72" x 1/4")
 - Blow gun



Part #	Mfg #	Description
KIT15563	0386-1370	NPK-TT Nitrogen Purge & Blow Gun Kit
PLU01053	0386-1372	1/2" Cone Plug Only
TIP00180	0386-1371	Turbo Tornado™ Only

Oxy-Acetylene Components

TurboSkill® Oxy-Acetylene Regulator

- High pressure gauge: 4,000 psig
- Low pressure gauge: 100 psig
- Delivery range: 4 - 80 psig



Part #	Mfg #	Model No	Note
REG00449	0426-2005	SKR-540-R	Oxygen CGA-540

TurboTorch® Oxy-Acetylene Regulator

- High pressure gauge: 4,000 psig
- Low pressure gauge: 100 psig
- Delivery range: 4 - 80 psig



Part #	Mfg #	Model No	Note
REG00441	0386-0786	221-05FP	Oxygen CGA-540

Oxy-Acetylene Regulator Replacement Gauge



1424-0019



Part #	Mfg #	Description
GAG01005	1424-0019	2", 4000#/28000 kPa High Pressure, Gold Tint, Boxed
GAG01082	1424-0381	2", 600#/4200 kPa Low Pressure, Gold Tint, Boxed

Brazing & Soldering Supplies

Oxy-Acetylene Kits

CutSkill® - CST Series Kit

- CST-P & CST-PT: Braze/weld 1/4" to 1-1/2" for HVAC, refrigeration and plumbing
- CST-CP & CST-CPT: Braze/weld 1/4" to 1-1/2" & cut 1/2" for HVAC, maintenance & repair
- Oxy Reg: SKR-540R
- Fuel Reg: SKR-200R
- Includes:
 - Handle (SKH-7A)
 - Brazing nozzles (0-W-J & 2-W-J)
 - Safety goggles (1423-0017)
 - Striker (1423-0023)
 - Check Valves
 - Hose (252-03P)
 - Tote case (1421-0084)



Part #	Mfg #	Description
KIT12434	0386-1320	Oxy-Acetylene Kit
KIT12436	0386-1321	Oxy-Acetylene Kit with Type R* Oxy Cylinder, Type MC*Fuel Cylinder, 0386-1226 Tank Key
KIT12435	0386-1322	Oxy-Acetylene Kit with SLCA1260, 0-3-101 Cutting Attach & Tip

* 20 cu ft

Propane & MAP-Pro™

Extreme Self-Lighting Propane & MAP-Pro™ Hand Torch

- Extreme™ swirl technology
- High capacity applications
- Self-lighting triggers
- Quick disconnect couplings between handle and tips



Part #	Mfg #	LP Soft Solder To:	MAPP Solder To:
TOL02134	0386-1293	3/4" - 3"	3/4" - 4"

TX500 ProPak Torch Kit

- Includes TX504 hand torch & T-503 tip



TurboTorch

Part #	Mfg #	Description
TOL02132	0386-1299	Pro-Pak

Turbo Tanks & Cylinders

MAPP® Propane Gas Replacement Tank

- 14.1 oz
- CGA 600 Connection

TurboTorch

Part #	Mfg #	Description
TNK00912	0916-0122	Replacement Tank

Nitrogen Cylinder



TurboTorch

Part #	Mfg #	Description
CYL00202	0916-0028	40 cu ft

TurboTorch® Parts & Accessories

Brazing/Welding Nozzle

- Orifice sizes are common for all series



TurboTorch

Part #	Mfg #	Model No	Description
NOZ00831	0387-0039	00-W-J-CS	00 Tip Size
NOZ00832	0387-0041	1-W-J-CS	1 Tip Size
NOZ00833	0387-0042	2-W-J-CS	2 Tip Size
NOZ00834	0387-0043	3-W-J-CS	3 Tip Size
TOL02017	0325-0109	VMA-J-15	-
NOZ00879	0387-0077	6-MFA-J CS	6 Tip Size



Brazing & Soldering Supplies

Flints & Flint Striker



Part #	Mfg #	Model No	Description
TOL02007	1423-0023	L-1	Flint Lighter
TOL02009	1423-0024	F-1	Flints, Box of 5

Heat Shield



Part #	Mfg #	Model No	Description
SHD00369	0386-0561	PL-812	Torchshield

Hose, Air Acetylene

- 12' Hose



Part #	Mfg #	Model No	Description
HSE01407	0386-1090	AH-12	Hose

Hose, Oxy-Acetylene

- 12.5' Hose



Part #	Mfg #	Model No	Description
HSE01421	0386-1094	252-03P	Hose

Tank Key

- For "B" and "MC" tank valves



Part #	Mfg #	Model No	Description
KEY00916	0386-1226	TK	Tank Key

TurboTorch® & Victor®

The most respected brand names in air-fuel and oxy-fuel equipment

Oxy Fuel Kits by VICTOR – TurboTorch

- Reverse flow safety check valves
- Solid Brass regulators for durability
- One-piece molded tote for better balance and more secure tanks
- Additional storage for tips, accessories and brazing rods
- Uses genuine Victor "J" series aircraft-type welding handle and nozzles – a popular choice of HVAC professionals

VICTOR



The Perfect Nitrogen Purging Solution

Nitrogen Purge Kit

The ideal kit for HVAC and refrigeration installers and service technicians, the Nitrogen Purge Kit gives professionals the tools to get the job done right. It's perfect for purging HVAC and refrigeration lines, leak testing, flushing drainage lines, cleaning coils and components, and even inflating tires.

Nitrogen Purge Kit includes:

- Nitrogen Regulator
- Three Plugs (Turbo Tornado™, 1/2" and 3/4")
- Needle Tip
- CO₂ Adapter
- Charging Hoses
- Blow Gun
- Tire Chuck



TurboTorch Extreme® Air Swirl Technology Brazing efficiently and economically

Air Acetylene Deluxe Tote Kits

- TurboTorch has the professional equipment to help you get the job done right
- Easily expand your soldering and brazing capabilities with additional self lighting or standard tips
- Everything you need from the industry leader in air fuel torches

TurboTorch.com

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TurboTorch®

TurboTorch Safety, Product and Application Training Course (#1737-0001) is NATE Accredited. Consult your area representative to schedule a class today.

Equipment Pads and Accessories



YOUR EQUIPMENT SHOULD REST ON A STRONG FOUNDATION

Hurricane Pads

150 MPH & 175 MPH Equipment Pads

- *4" Thick concrete pad*
- *Unique rib design disperses weight*
- *Engraved wind speed rating*
- *Many sizes available*



Drain Pans

Water Heater Base

For use with
electric water heaters



ECOPAD® & DURAGRID®

Equipment Pads



StayRite™

Equipment Riser

Stackable from 3" - 9"
Bolts in place for stability



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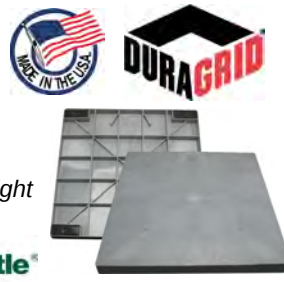
Supplies

Equipment Pads and Accessories

Equipment Pads

Duragrid® Condenser Pad

- Molded from polyethylene
- Lightweight and durable
- Corner feet for stability and leveling
- UV Stable and resistant to sunlight and extreme temperatures



Part #	Mfg #	Size
PAD01109	92110001	18" x 36" x 2"
PAD01115	92110007	30" x 30" x 2"
PAD01119	92110011	33" x 33" x 2"
PAD01123	92110015	36" x 36" x 2"
PAD01124	92110016	36" x 42" x 2"
PAD01125	92110017	36" x 48" x 2"
PAD01135	93110010	33" x 33" x 3"
PAD01136	93110011	33" x 38" x 3"
PAD01139	93110014	36" x 36" x 3"
PAD01140	93110015	36" x 42" x 3"
PAD01143	93110018	50" x 50" x 3"
PAD01144	93110019	50" x 60" x 3"
PAD01145	93110020	50" x 70" x 3"

Eco Pad® Condenser Pad

- Molded from recycled materials
- Chemical resistant
- UV Stable



Part #	Mfg #	Size
PAD01164	92120001	18" x 36" x 2"
PAD01167	92120007	30" x 30" x 2"
PAD01169	92120011	33" x 33" x 2"
PAD01173	92120015	36" x 36" x 2"
PAD01174	92120016	36" x 42" x 2"
PAD01175	93120021	24" x 24" x 3"
PAD01176	93120022	24" x 36" x 3"
PAD01177	93120004	24" x 48" x 3"
PAD01178	93120006	30" x 30" x 3"
PAD01179	93120007	30" x 36" x 3"
PAD01180	93120010	33" x 33" x 3"
PAD01181	93120011	33" x 38" x 3"
PAD01183	93120014	36" x 36" x 3"
PAD01184	93120015	36" x 42" x 3"
PAD01185	93120016	36" x 48" x 3"
PAD01216	93120017	50" x 42" x 3"
PAD01217	93120018	50" x 50" x 3"
PAD01218	93120019	50" x 60" x 3"
PAD01219	93120020	50" x 70" x 3"

Not finding the sizes you need?
Visit your local Parts Distributor.
We have the majority of equipment
pad sizes to address your needs.

AC Anchor Systems

AnChor-in-a-storm™ AC Anchor System

- Provides 150 mph hurricane-force wind protection
- For use with Eco Pad® or Duragrid® condenser pads
- Provides better resistance to pad overturning than concrete
- Includes:
 - (2) Anchors
 - (2) Brackets
 - (16) Screws
- Drive rod sold separately



Part #	Mfg #	Description
KIT14994	94007001	AC Anchor System Kit
ROD01230	94007002	Steel Drive Rod

Equipment Pads and Accessories

Equipment Pads

The Black Pad® Equipment Pad

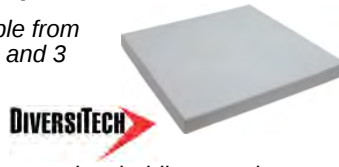
- Full range of sizes available from 24" x 24" to 36" x 48" in 2 and 3 inch thickness
- Composed of ground recycled rubber in a co-injection process
- Extremely durable, resistant to ultraviolet light, and heavier than a completely plastic pad



Part #	Mfg #	Size
PAD01106	ACP30303	30" x 30" x 3"
PAD01226	ACP32323	32" x 32" x 3"
PAD01107	ACP36363	36" x 36" x 3"
PAD01108	ACP36483	36" x 48" x 3"

Cladlite® Lightweight Equipment Pad

- Full range of sizes available from 16" x 36" to 60" x 67" in 2 and 3 inch thickness
- Full foam bottom resists settling and vibration
- Fiber reinforced cement composite cladding, steel reinforcement, polystyrene foam core



Part #	Mfg #	Size
PAD00932	3636-2	36" x 36" x 2"
PAD00972	3636-3	36" x 36" x 3"
PAD01077	3640-3	36" x 40" x 3"
PAD00985	3648-3	36" x 48" x 3"
PAD01081	4558-3	45" x 58" x 3"
PAD00965	4766-3	47" x 66" x 3"

E-Lite® Plastic Equipment Pad

- Full range of sizes available from 18" x 38" to 56" x 58" in 2 and 3 inch thickness
- Rugged design provides uniform and generous ribbing for optimum self-leveling ground support without inserts
- Suble texture resists slide



Part #	Mfg #	Size
PAD00898	EL3232-2	32" x 32" x 2"
PAD00901	EL3636-2	36" x 36" x 2"
PAD00902	EL3640-2	36" x 40" x 2"
PAD01154	EL1838-2	18" x 38" x 3"
PAD00907	EL3030-3	30" x 30" x 3"
PAD00910	EL3232-3	32" x 32" x 3"
PAD00913	EL3636-3	36" x 36" x 3"
PAD00914	EL3640-3	36" x 40" x 3"
PAD00915	EL3648-3	36" x 48" x 3"
PAD01162	EL4040-3	40" x 40" x 3"
PAD01048	EL4558-3	45" x 58" x 3"
PAD01065	EL4872-3	48" x 72" x 3"

Hef-T-Pad™ Equipment Pad

- Full range of sizes available from 24" x 24" to 50" x 55" in 2 and 3 inch thickness
- Injection molded from high impact polypropylene
- Resistant to impact, ultraviolet degradation, and weathering
- Drillable



Part #	Mfg #	Size
PAD01195	X3232211	32" x 32" x 2"
PAD01203	X3836211	38" x 36" x 2"

Supplies



Equipment Pads and Accessories

The Hurricane Pad™ Equipment Pad

- Full range of sizes available from 18" x 40" to 55" x 57" in 4 inch thickness
- The Hurricane Pad™ is designed for installations up to 150 MPH



Part #	Mfg #	Size
PAD01026	H3030-4	30" x 30" x 4"
PAD01027	H3232-4	32" x 32" x 4"
PAD01029	H3636-4	36" x 36" x 4"
PAD01084	H3642-4	36" x 42" x 4"
PAD01030	H3648-4	36" x 48" x 4"
PAD01101	H3652-4	36" x 52" x 4"
PAD01073	H4040-4	40" x 40" x 4"
PAD01223	H4242-4	42" x 42" x 4"

Hurricane T-Class Pad™ Equipment Pad

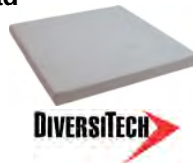
- Even heavier than The Hurricane Pad™
- Heavier 4" pads provide sufficient weight to meet code for taller condensing units
- Designed for wind loads up to 175 MPH



Part #	Mfg #	Size
PAD01036	HT3636-4	36" x 36" x 4"

Ultralite® Lightweight Equipment Pad

- Concrete skin is engineered for long-term exterior weather resistance
- Skin and core have been engineered for flexibility and ductility
- Full range of sizes available from 16" x 36" to 43" x 47" in 2" and 3" thickness

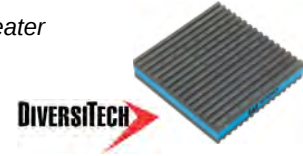


Part #	Mfg #	Size
PAD00836	UC1636-2	16" x 36" x 2"
PAD00850	UC3636-2	36" x 36" x 2"
PAD00851	UC3640-2	36" x 40" x 2"
PAD00854	UC1636-3	16" x 36" x 3"
PAD00863	UC3030-3	30" x 30" x 3"
PAD00867	UC3237-3	32" x 37" x 3"
PAD00869	UC3434-3	34" x 34" x 3"
PAD00871	UC3636-3	36" x 36" x 3"
PAD00872	UC3642-3	36" x 42" x 3"
PAD00873	UC3648-3	36" x 48" x 3"
PAD01083	UC4040-3	40" x 40" x 3"
PAD00880	U4558-3	45" x 58" x 3"
PAD00883	U4866-3	48" x 66" x 3"

Anti-Vibration Pads

The E.V.A™ Pad - Extreme Vibration Attenuation

- Composite foam core for greater vibration-dampening
- Outperforms cork and rubber by a margin of 3:1



Part #	Mfg #	Size
PAD00939	MP-2E	2" x 2" x 7/8"
PAD00940	MP-3E	3" x 3" x 7/8"
PAD00941	MP-4E	4" x 4" x 7/8"
PAD00944	MP-18E	18" x 18" x 7/8"

Iso-Cube Anti-Vibration Pad

- Natural rubber pads, reduce vibration and noise
- Circular design, suction cup effect



Part #	Mfg #	Size
PAD00956	ISO-2	2" x 2" x 3/4"
PAD00957	ISO-4	4" x 4" x 3/4"
PAD00958	ISO-18	18" x 18" x 3/4"

Rubber Anti-Vibration Pad

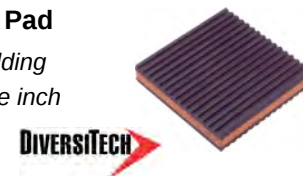
- Elastomeric oil-resistant padding
- Withstands 50 lbs per square inch



Part #	Mfg #	Size
PAD00936	MP-2	2" x 2" x 3/8"

Rubber/Cork Anti-Vibration Pad

- Elastomeric oil-resistant padding
- Withstands 50 lbs per square inch
- Cork is laminated between two corrugated pads



Part #	Mfg #	Size
PAD00937	MP-2C	2" x 2" x 7/8"
PAD00945	MP-3C	3" x 3" x 7/8"
PAD00947	MP-4C	4" x 4" x 7/8"
PAD00949	MP-6C	6" x 6" x 7/8"

Equipment Pads and Accessories

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Equipment Pad Accessories

Equipment Pad Accessories

Air Handler Block

- Lightweight Styrofoam block provides A/C air handler support in attic installations



Part #	Mfg #	Size
BLK00958	7-60	8" x 4" x 8"

Air Conditioner Mounting Bracket

- Heavy-duty 12 gauge steel
- Pre-punched 17/32" holes
- Bracket width: 1.5"
- Sizes range from 30" to 48"
- For hanging A/C condensers and heat pumps



Part #	Mfg #	Description
BRK03390	ACB-42	42", Pair

Furnace Mount Block

- Can support over 500 lbs
- Easy peel and stick installation



Part #	Mfg #	Size
MNT02239	FB-1	2.35" x 4" x 6"

Heat Pump Riser

- Heavy-duty plastic
- Butylmastic on the top and bottom



Part #	Mfg #	Description
BAS01870	HPR-3	3", 1-Piece
BAS01871	HPR-6	6", 1-Piece
BAS01984	HPR-3-2P	3", 2-Piece
BAS01985	HPR-6-2P	6", 2-Piece

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Condensate Pumps

Automatic Condensate Removal Pumps

- For conditioning equipment, de-humidifiers, high efficiency furnaces, condensing boilers, and other equipment where an automatic drain pump is required

VCC Series Low Profile Tank Condensate Pump

- Suitable for high-efficiency, gas-furnace condensation
- 1/30 hp High performance motor
- 3/10 Gallon tank capacity
- Removable 3/8" barbed check valve
- Thermal overload protection
- Safety switch
- UL/CSA Listed



Part #	Mfg #	Description
PMP01002	554200	VCC-20ULS 115V, 20' Shut-Off

VCL Series Large Tank Condensate Pump

- Thermal overload protection
- Includes check valve
- 1 Gallon leak proof, rustproof, high impact ABS tank
- Safety switch
- 6' Cord
- UL/CSA Listed



Part #	Mfg #	Description
PMP01019	553101	VCL-14ULS 115V, 14' Shut-Off
PMP01020	553201	VCL-24ULS 115V, 24' Shut-Off
PMP01023	553240	VCL-45ULS 115V, 45' Shut-Off

Condensate Pumps

ClearVue™ Pump - No Float, No Problem

- iQ Technology™ thinks and adapts to changing conditions
- Up to 22' of lift
- Self-cleaning
- Floatless Sensor™



Part #	Mfg #	Description
PMP01906	IQP-120	120V Pump
PMP0272	IQP-120T	120V Pump with Tubing

CP-22 Condensate Pump - 22' Lift

- Available in both 120V & 230V model
- Also available with 20' of 3/8" clear tubing
- High impact ABS tank, ABS motor and tank covers, volute and impeller
- Includes vibration dampening feet and motor mounts, metal hang tabs, (4) versatile inlet holes, easy to understand indicator display, a simple float switch, check valve, pan pill dispenser
- Thermally protected motor, stainless steel shaft
- UL & CSA Approved



Part #	Mfg #	Description
PMP01746	CP-22	115V Condensate Pump
PMP01747	CP-22T	115V Condensate Pump with Tubing
PMP01807	CP-22LP	115V Low Profile Condensate Pump
PMP01790	CP22-230	230V Condensate Pump
PMP01791	CP-22-230T	230V Condensate Pump with Tubing

Compact Condensate Pump - 16' Lift

- Includes:
 - Hang tabs
 - (4) Inlet holes
 - Float switch
 - Overflow switch
 - Check valve



Part #	Mfg #	Description
PMP01866	CP-16	120V Condensate Pump



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IQP-120



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Condensate Pumps

Electronic Condensate Pump EC Series

- Removes condensate from wall mount ductless mini-split air conditioners when gravity drainage is not possible
- Compact design allows components to be placed in most air handlers or the pump can be placed up to 3' above or adjacent to the air handler in the ceiling void or inside the line-set channel
- Condensate produced in application must be no more than half the pump's flow rate for any given head
- Use with most mini-split air conditioning units up to 25,000 BTU/hr
- Includes safety switch, suction tubing, vent tubing and drain tubing, and tubing adapter



Part #	Mfg #	Description
PMP01424	553455	EC-400115V 60Hz
PMP01425	553458	EC-400230V 60Hz

NEXTGen™ Automatic Condensate Pumps

- Slimmer footprint 4.8" x 10.2" x 6.5"
- Oil resistant tank and check valve to eliminate problem of cracked tanks
- 1/4-Turn check valve allows servicing without removal of tubing
- Rubber feet absorb vibration
- Thermal overload protection
- External overflow safety switch
- External test/run lever
- External tank anti-sweat sleeve



Part #	Mfg #	Description
PMP01810	554520	VCMX-20UL 115V
PMP01812	554530	VCMX-20ULS 115V, Safety Switch
PMP01815	554542	VCMX-20ULSC 115V, Safety Switch
PMP01814	554550	VCMX-20ULST 115V, Safety Switch 20' Tubing
PMP01811	554521	VCMX-20UL 230V
PMP01813	554531	VCMX-20ULS 230V, Safety Switch
PMP01923	554551	VCMX-20ULST 230V, Safety Switch, 20' Tubing

Condensate Overflow Switches

- ABS Housing
- Polyethylene float
- 5A Maximum
- Auxiliary condensate switch
- Turns unit off if condensate level approaches overflow



Part #	Mfg #	Description
CNT02511	599122	ACS-248VAC/DC, 18" Wires
CNT03678	599123	ACS-248VAC/DC, 72" Wires
SWT02860	599124	ACS-3125-250VAC/DC, 72" Wires

VCMA Automatic Condensate Pumps

- Suitable for high-efficiency, gas furnace condensate
- Fully automatic, includes check valve
- 1/2 Gallon leak proof, rustproof, high impact ABS tank
- (3) Drain holes
- Removable 3/8" barbed check valve
- Thermal overload protection



VCMA Series Condensate Pump less Tubing

Part #	Mfg #	Description
PMP01269	554401	VCMA-15UL 115V, 15' Shut-Off
PMP01268	554405	VCMA-15ULS 115V, 15' Shut-Off, Safety Switch
PMP01270	554421	VCMA-20UL 115V, 20' Shut-Off
PMP01271	554425	VCMA-20ULS 115V, 20' Shut-Off, Safety Switch
PMP01272	554451	VCMA-20UL 230V, 17' Shut-Off
PMP01273	554455	VCMA-20ULS 230V, 17' Shut-Off, Safety Switch

VCMA Series Condensate Pump with Tubing

- 1/50 hp High performance motor
- ABS Tank, motor cover, and volute
- 1/2 Gallon tank capacity
- Removable 3/8" barbed check valve
- (3) Inlet drain holes
- Thermal overload protection
- Includes safety switch and 20' tubing
- cCSAus Listed



Part #	Mfg #	Description
PMP01275	554415	VCMA-15ULST 115V, 15' Shut-Off
PMP01278	554435	VCMA-20ULST 115V, 20' Shut-Off
PMP01277	554461	VCMA-20ULST 230V, 20' Shut-Off

Condensate Accessories

Supplies

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Condensate Accessories

Drain Guns & Cartridges

Charles Gallo Drain Gun

- Clears condensate drains with a SWOOSH CO2 cartridge
- Lightweight, portable
- Pressure: 800 psi
- Includes a tapered fitting for 3/8" - 3/4" drain openings



Part #	Mfg #	Description
TOL01751	GG-1	Gallo Gun with SWOOSH CO2 Cartridge

Swoosh CO2 Cartridge

- Delivers 800 psi of oil free food grade to clear line
- Environmentally safe and recyclable
- No need for air or nitrogen tanks

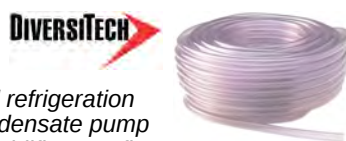


Part #	Mfg #	Description
TOL03169	GGC-12	Replacement Cartridge for SWOOSH CO2, 12/Pk

Tubing

Clear Vinyl Tubing

- For air conditioning and refrigeration condensate drains, condensate pump discharge lines and humidifier overflows



Part #	Mfg #	Description
TUB10610	7-38	3/8" ID x 100'/Roll
TUB10611	7-12	1/2" ID x 100'/Roll

Gorilla Tube™ Premium Clear Vinyl Tubing

- Non toxic clear vinyl chloride
- Extra rigid design resists crimping and kinking due to durometer value of 80 (Shore A) and thicker wall
- Maximum service temperature: 140°F
- Better performance in cold weather climates
- Sizes range from 1/4" to 1" diameter



Part #	Mfg #	Description
TUB12584	7-38P	3/8" ID x 100'/Roll

Condensate Detection Switches

Condensate Cop™ Clamp-On Float Switch

- Large over clamping area that fits the edge of all types of drain pans
- Separate float/probe assembly swivels to position switch
- Switch opens when rising water presents a flooding condition
- 2-Wire connection
- 24V/1.5A NC Reed switch
- Includes:
 - 5' Leads
 - Wire nuts
 - Clamping screws



Part #	Mfg #	Description
SWT03021	CC-1	Drain Pan Switch

Safety Overflow Switch

- Operating by sensing an electrical property of water called Dielectric Constant
- Snaps onto existing 3/4" PVC condensate drains
- Includes:
 - 5', 18 AWG, 2-Wire lead
 - 3/4" PVC Male fitting adapter



Part #	Mfg #	Description
SWT03022	SOS-1	Safety Overflow Switch

Condensate Accessories

The Best Solutions for Condensate Management.

Supplies



Drain Line Switches

Wet Switch Flood Detector

- Solid state control designed to help prevent flooding
- Turns system off when detecting moisture due to condensate or drain leaks
- Connects to 24VAC
- LED Indicates switch is activated
- Simple, 5-wire installation



Part #	Mfg #	Description
SWT02467	WS-1	Wet Switch

Condensate Switches

- Shuts off system when water level in auxiliary or main drain pipe rises due to clogged condensate drain
- Easy installation on primary or auxiliary drain plugs
- Magnetic reed switch
- Constructed of materials that will not rust or stick
- Switch easily accessible for service
- Flexible red-wire or yellow-wire connection
- NEC Code compliant
- Conforms to UL508



Part #	Mfg #	Description
SWT03672	CS-1	Tee
SWT03673	CS-2	Elbow
SWT03674	CS-3	Clip

Condensate Overflow Switches

Safe-T-Gard SG1 Alarm

RECTORSEAL

- Condensate overflow alarm sounds a buzzer and flashes an LED when an overflow switch or condensate pump cuts the thermostat circuit
- Works with most 24V overflow switches and pumps
- Additional 2-strand thermostat cable can be used to locate the alarm anywhere in the structure



Part #	Mfg #	Description
SWT03236	97655	Pre-wired with (2) 4' 18 AWG Lead Wire & 2-Sided Tape

Safe-T-Switch SS1

RECTORSEAL

- Inline, low voltage condensate overflow shut-off switch
- Installs vertically or horizontally in primary drain or plugged on auxiliary pans
- Pre-wired with 4' 18 AWG wires



Part #	Mfg #	Description
SWT03232	97632	3/4" Inline A/C Drain Kit

Safe-T-Switch SS2

RECTORSEAL

- L-Shaped, low voltage condensate overflow shut-off switch
- Installs on auxiliary pan outlets, requires no plug
- Pre-wired with 4' 18 AWG wires



Part #	Mfg #	Description
SWT03233	97637	3/4" Close Coupled Condensate Drain Pan Overflow Kit

Safe-T-Switch SS3

RECTORSEAL

- For installation on safety drain pans
- Features special metal clip, designed for quick secure installation on pan rims



Part #	Mfg #	Description
SWT03234	97647	A/C Condensate Pan Overflow Switch

Supplies

Drain Pans

Condensate Drain Pans

A/C Secondary Condensate Drain Pan

- 3/4" Diameter PVC discharge fitting
- 2" Depth
- Plastic construction
- Rolled edges for durability
- Ribbed bottoms for rigidity
- Range in sizes 18" x 58" to 36" x 60"



Part #	Mfg #	Size
PAN02333	6-3060L	30" x 60"

Condensate Metal Drain Pan

- Seamless
- Rolled edge
- (2) Outlets - short and long
- Includes fittings



Part #	Mfg #	Size	Gauge
PAN02908	6-M3030	30" x 30"	26 gauge
PAN02910	6-M3060	30" x 60"	26 gauge

High Rise Pan™ Kit

- Allows placement of an air handler 2-3/4" above the outside lip of pan without mounting blocks
- Molded-in network of risers to give a 5" lift
- Kit includes:
 - Condensate Cop™ float switch
 - (6) EVA Anti-vibration pads
 - (1) 3/4" PVC Male adapter



Part #	Mfg #	Description
PAN02905	6-HK2748	27" x 48" Drain Pan Kit
PAN02930	6-HK2766	27" x 66" Drain Pan Kit
PAN02904	6-HK3060	30" x 60" Drain Pan Kit

Drain Pans

- Welded corners and 3/4" MPT fitting

Welded Drain Pan

- 22 Gauge galvanized steel



McDaniel Metals

Part #	Size
PAN02718	14" x 32"
PAN02719	14" x 42"
PAN02721	18" x 42"
PAN02722	18" x 46"
PAN02872	30" x 30"
PAN02897	30" x 60"
PAN02725	34" x 25"
PAN02716	32" x 60"
PAN02717	32" x 66"
PAN02873	36" x 36"
PAN02715	52" x 26"

Welded Drain Pan - Heavy Gauge

- Heavy gauge, welded, steel nipples

McDaniel Metals

Part #	Size
PAN02213	14" x 44"
PAN02821	18" x 44"
PAN02835	30" x 66"
PAN02211	32" x 36"
PAN02212	32" x 60"
PAN02824	32" x 66"
PAN02462	40" x 27"

Condensate Drain Pan Fittings

A/C Condensate Drain Pan Fitting

- Designed to be used with condensate drain pans



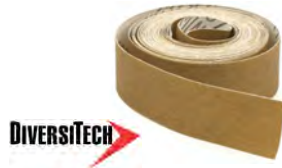
Part #	Mfg #	Description
FTG00876	6-1	3/4" Slip Pan Fitting

Installation Accessories

Abrasive Cloths

Abrasive Cloth 120 Grit

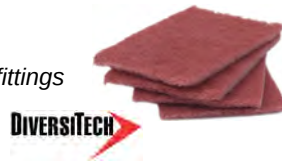
- Aluminum oxide
- Works wet or dry



Part #	Mfg #	Size
TOL01781	SC-10	1-1/2" x 10 yds
TOL01782	SC-25	1-1/2" x 25 yds

All Purpose Cleaning Pads

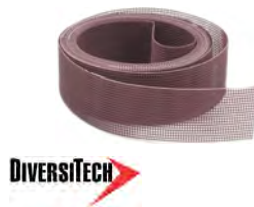
- For cleaning copper tube and fittings
- Will not rust, use wet or dry



Part #	Mfg #	Description
PAD00961	ACP-10	Cleaning Pads, 10/Box

Grip-Cut™ 180 Grit

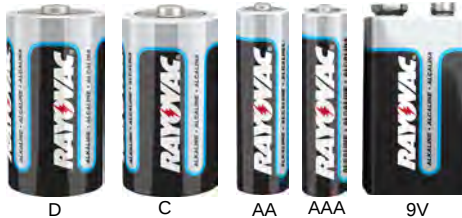
- Open mesh sand screen cloth
- Aluminum oxide grain resin bonded to synthetic nylon cloth
- 100% Waterproof
- For hand or portable tools



Part #	Mfg #	Size
TOL01783	SCM-5	1-1/2" x 5 yds

Batteries

Rayovac™ Industrial Maximum Alkaline Batteries



Part #	Mfg #	Description	Qty
BAT00036	7-ALAA	AA	8/Pk
BAT00046	7-ALAA-24	AA	24/Pk
BAT00037	7-ALAAA	AAA	8/Pk
BAT00047	7-ALAAA-18	AAA	18/Pk
BAT00038	7-ALC	C	6/Pk
BAT00039	7-ALD	D	6/Pk
BAT00049	7-ALD-12	D	12/Pk
BAT00040	7-AL9V	9V	6/Pk
BAT00050	7-AL9V-8	9V	8/Pk

Cable Ties

Heavy-Duty Cable Tie

- 6.6 Nylon, smooth insertion, locking mechanism
- Tensile: 175 lb



Part #	Mfg #	Description
TIE00101	7-P24	24" for up 6" Duct
TIE00102	7-P36	36" for 10" Duct
TIE00103	7-P48	48" for 14" Duct
TIE00121	7-P48B	48" for 14" Duct, Black Nylon

Nylon Wire Tie

- Perfect for securing wires
- Assortment of sizes available
- Black are ultraviolet resistant for outdoor use



Part #	Mfg #	Description
TIE00133	WT04C	4" White Nylon Ties, 100/Pk
TIE00106	WT07C	7" White Nylon, 100/Pk
TIE00141	WT11C	11" White Nylon, 100/Pk
TIE00143	WTB05C	5" Black Nylon Ties, 100/Pk
TIE00144	WTB07	7" Black Nylon Ties, 30/Pk
TIE00107	WTB07C	7" Black Nylon Ties, 100/Pk
TIE00108	WTB11C	11" Black Nylon Ties, 100/Pk
TIE00147	WTB15C	15" Black Nylon Ties, 100/Pk

Plastic Wire Tie

- Assortment packs come in shades of natural or black



Part #	Mfg #	Description
TIE00109	7-711	7" & 11" Natural Color Plastic, 150/Pk
TIE00110	7-711-B	7" & 11" Black Color Plastic, 150/Pk

Installation Accessories

Clamps

Cushion Clamps

- Lock nut has a nylon insert for a positive lock
- Steel with electro-dichromate finish to resist corrosion



Part #	Mfg #	Size
CMP01053	538-3/8	3/8"
CMP01054	538-1/2	1/2"
CMP01055	538-5/8	5/8"
CMP01057	538-7/8	7/8"
CMP01058	538-1-1/8	1-1/8"
CMP01060	538-1-5/8	1-5/8"

Hose Clamps

- Worm drive, adjustable 300 series SS 1/2" band with plated 5/16" slotted hex head and housing



Part #	Mfg #	Description
CMP00997	B-4H	No 4, 7/32" - 5/8" Dia 3/16" - 5/16" Hose ID
CMP01002	B-16-H	No 16, 11/16" - 1-1/2" Dia 3/4" - 1" Hose ID
CMP01003	B-20-H	No 20, 3/4" - 1-3/4" Dia 1" - 1-1/4" Hose ID

Conduit

90° Elbow - LiquidTite Screw-On Fitting

- Conduit threads onto ferrule and up inside outer body



Part #	Mfg #	Description
CON01253	750-SLTC9050	1/2" 90° Elbow Single Piece

LiquidTite Flexible Conduit

- Specifically for electrical applications
- Cuts easily
- Full range of dimensions available



Part #	Mfg #	Description
CND00108	750-12100	1/2" x 100' (Non-Metallic)

LiquidTite Non-Metallic Fitting

- For use with metallic and non metallic LiquidTite conduit
- Provides smooth connection
- Wiring easily pulled through



Part #	Mfg #	Description
CON01103	750-NMLT50	1/2" Straight Connector
CON01105	750-NMLT9050	1/2" 90° Elbow Connector
CON01102	750-NMLT9075	3/4" 90° Elbow Connector

One-Hole EMT Strap Thinwall Fitting

- Bright zinc, electro-plated steel



Part #	Mfg #	Description
FTG00890	625-304	1/2" 1-Hole Strap
FTG00891	625-305	3/4" 1-Hole Strap

Romex Metallic Connectors

- Cable connectors for Romex wire, zinc die-cast



Part #	Mfg #	Description
CON01113	750-RC841	3/8" for 1/2" KO's
CON01114	750-RC842	3/4" for 3/4" KO's

Duct Straps

Galvanized Duct Strap

- Galvanized duct strap
- Convenient card board dispenser



Part #	Mfg #	Description
SRP00871	710-002	30ga 1" x 100', Boxed
SRP00872	710-003	30ga 1-1/2" x 100', Boxed

Hanging Wire

- 18 Gauge galvanized on reel
- Helpful for hanging duct work



Part #	Mfg #	Description
WIR03456	710-182G	2# (330') Hanging Wire

Installation Accessories

Plastic Hanger Strap



- Flexible, non-conductive, 3/4"W x 0.050 thick
- Load tested to 120 lbs

Part #	Mfg #	Description
SRP00913	710-P100	3/4" x 100' Roll

Strapping Hanger Iron



- Galvanized vent strapping, hanger iron, plumber's tape, pipe hanger tape and other uses
- 1/4" Centers for bolts or nails

Part #	Mfg #	Description
SRP00868	710-A1650	50' Roll, 28 gauge
SRP00869	710-A16100	3/4" x 100', 28 gauge

Woven Duct Strap



- Use for flex duct
- Webbed, high tensile, abrasion and chemical resistant
- Woven polypropylene

Part #	Mfg #	Description
SRP00875	710-100	1-3/4" x 100 yd Roll, Black
SRP00876	710-101	1-3/4" x 100 yd Roll, Silver

Hanging Straps

Hanging Strap



- Spring loaded adjustable buckle
- Strong, durable 1" polypropylene webbing

Part #	Mfg #	Description
SRP00883	HS-30	31" Hanging Strap
SRP00884	HS-30-2	31" Hanging Strap, 2/Card
SRP00885	HS-60	60" Hanging Strap
SRP00886	HS-60-2	60" Hanging Strap, 2/Card

Lashing Strap



- Strong, durable nylon webbing rated at 3,000 lbs
- End hooks at 1,200 lbs tensile strength

Part #	Mfg #	Description
SRP00887	HS-144	144" Lashing Strap

Ratchet Strap



- Ratchet action latch and fast release cam
- Cadmium-plated steel buckle has positive lock
- Nylon webbing rated 3,000 psi tensile
- End hooks at 1,200 lbs tensile



Part #	Mfg #	Description
SRP00888	HS-192	16' Ratchet Strap

Rubber Tie Down Strap



- Stretches to double its length
- Extra heavy steel S-hooks on each end

Part #	Mfg #	Description
SRP00890	RS-15	15" Rubber Strap
SRP00891	RS-20	20" Rubber Strap
SRP00892	RS-31	31" Rubber Strap
SRP00893	RS-41	41" Rubber Strap

Screws

Anchor Kit



- Plastic anchor kit for sheet rock applications
- Anchor size: 1/4" x 1"
- Screw size: 10" x 1-1/4" HWH
- Head size: 5/16 hex

Part #	Mfg #	Description
KIT07846	540-AK100	(100) Anchors and Screws, One Masonry Bit
TOL01781	SC-10	1-1/2" x 10 yds
TOL01782	SC-25	1-1/2" x 25 yds

Drill Point Sheet Metal Screw



- Hex washer slotted head
- Self-drilling, self-tapping
- Special heat treated steel treated steel
- Full range in sizes available

Part #	Mfg #	Size	Pkg Qty
SCR01967	5SCR103-4DP	10 x 3/4"	500/Pk

Installation Accessories

Taper Point Sheet Metal Screw

- Full 1/4" hex washer with slotted head
- Heat treated tapered point will not break
- Full range in sizes available



Part #	Mfg #	Size	Pkg Qty
SCR01935	5-SCR81-2	8 x 1/2"	1000/Pk
SCR01937	5-SCR83-4	8 x 3/4"	1000/Pk

Winged Wire Connector

- Surer grip with wings, offset center design
- 600V Max
- UL Listed
- CSA Approved



Part #	Mfg #	Description
CON01174	623-000	Lrg Gray, 78B #14 to 8 AWG, 50/Box
CON01177	623-008	Blue, 88, #10 to #6, 50/Box

Wire Connectors

Contractor Pack Wire Connector

- High-dielectric thermoplastic shell
- UL Listed
- CSA Approved



Part #	Mfg #	Description
CON01237	C241	Blue 22-16 W, 20/Std Pk
CON01238	C243	Orange 22-14 W, 15/Std Pk

Screw-On 300V Max Wire Connector

- DOT Classified for recovery, recycling, service
- Color coded connectors make quick, secure connections for positive continuity
- High-dielectric thermo plastic shelf resists chemical action



Part #	Mfg #	Description
CON01169	623-001	Gray, 71B #22-#16 AWG, 300V Max, 100/Box
CON01170	623-002	Blue, 72B #22-#16 AWG, 300V Max, 100/Box
CON01171	623-003	Orange, 73B #22-#14 AWG, 600V Max, 100/Box
CON01172	623-004	Yellow, 74B #18-#10 AWG 600V Max, 100/Box
CON01173	623-005	Red, 76B #18-#10 AWG 600V Max, 100/Box

Porcelain Wire Connector

- Used in high temperature applications such as appliances



Part #	Mfg #	Description
CON01345	CPN2	Medium, 18-14 AWG, 10/Pk

PVC Fittings & Adapters

PVC Condensate Pipes

Straight End PVC Condensate Pipe

- Smooth inner walls allow for low pressure drops and a resistance to chemicals and corrosion



Part #	Mfg #	Description
PIP01036	5-2002	3/4" x 10' 200 psi, Straight End
PIP01037	5-401	3/4" x 10' Sch 40, Straight End
PIP01039	5-404	2" x 10' 40/DWV, Straight End
PIP01040	5-405	3" x 10' 40/DWV, Straight End

PVC DWV Fittings

Couplings (Hub x Hub)



Part #	Mfg #	Size
CPL01007	5-100020	2"
CPL01008	5-100030	3"
CPL01009	510-D102338	3" x 2"

DWV Bend Fitting



Part #	Mfg #	Size
ELL01134	510-D309020	2"
ELL01135	510-D309030	3"

45° Elbow (Hub x Hub)



Part #	Mfg #	Size
ELL00970	5-321020	2"
ELL00971	5-321030	3"
ELL01129	510-D323020	2" Street Elbow (Hub x SPIG)
ELL01130	510-D323030	3" Street Elbow (Hub x SPIG)

90° Elbow (Hub x Hub)



Part #	Mfg #	Size
ELL00966	5-300020	2"
ELL00968	5-300030	3"
ELL00969	510-D304030	3" Long Sweep
ELL00967	510-D304020	2" Long Sweep

Plastic DWV J-Hook



Part #	Mfg #	Description
HLD00281	515-J2000	2" x 7-1/2" Swiveling
HLD00282	515-J3000	3" x 7-1/2" Swiveling

PVC Schedule 40 Pressure Fittings

45° Ell (Slip x Slip)



Part #	Mfg #	Size
FTG01148	5-417007	3/4"
ELL00977	5-417020	2"
ELL00978	5-417030	3"

90° Ell (Slip x FIPT)



Part #	Mfg #	Size
ELL01019	5-407007	3/4"

90° Ell (Slip x Slip)



Part #	Mfg #	Size
FTG01147	5-406007	3/4"
ELL00992	5-406010	1"

Supplies

PVC Fittings & Adapters

90 Street Ell (MIPT x Slip)



Part #	Mfg #	Size
ELL01020	5-410007	3/4"
ELL01021	5-410010	1"

90 Street Ell (SPIG x Slip)



Part #	Mfg #	Size
FTG00969	5-409007	3/4"

Cap (FIPT)



Part #	Mfg #	Size
CAP00978	5-448007	3/4"

Cap (Slip)



Part #	Mfg #	Size
CAP00985	5-447007	3/4"

Cap (Slip)



Part #	Mfg #	Size
CAP00979	5-447010	1"

Coupling (Slip x Slip)



Part #	Mfg #	Size
FTG00962	5-429007	3/4"
CPL01047	5-429010	1"
CPL01018	5-429020	2"

Female Adapter (Slip x FIPT)



Part #	Mfg #	Size
FTG01149	5-435007	3/4"
ADP01078	5-435010	1"

Male Adapter (MIPT x Slip)



Part #	Mfg #	Size
FTG00960	5-436007	3/4"
ADP01080	5-436010	1"

Plug (MIP)



Part #	Mfg #	Size
PLG00032	5-450007	3/4"

Clean Out Tee



Part #	Mfg #	Size
TEE00955	510-3400	3/4"

Tee (Slip x Slip x Slip)



Part #	Mfg #	Size
FTG00957	5-401007	3/4"
TEE00943	5-401010	1"

Traps (Slip x Slip)



Part #	Mfg #	Description
FTG00955	5-408	3/4" P-Trap
TRP00037	5-411	1" P-Trap
FTG00956	5-409	3/4" Running Trap
TUB11847	5-414	3/4" J-Trap

Split System Installation Accessories

SpeediChannel™ Line Set Covers

- SpeediChannel™ 6-1/2' long and can be cut-to-size
- UV Resistant, UL listed
- White finish, paintable

SpeediChannel™



Part #	Mfg #	Description
COV04019	230-D3	3", SpeediChannel™
COV04020	230-D4	4", SpeediChannel™
COV04064	230-D6	6", SpeediChannel™

45° Flat Bend



Part #	Mfg #	Description
COV04329	230-FB453	3", 45° Flat Elbow
COV04496	230-FB454	4", 45° Flat Elbow
COV04497	230-FB456	6", 45° Flat Elbow

90° Flat Elbow



Part #	Mfg #	Description
ELL01110	230-FB3	3", 90° Flat Elbow
ELL01111	230-FB4	4", 90° Flat Elbow
COV04068	230-FB6	6", 90° Flat Elbow

90° Inside Elbow



Part #	Mfg #	Description
ELL01122	230-EB3	3", 90° Inside Elbow
ELL01123	230-EB4	4", 90° Inside Elbow
ELL01124	230-EB6	6", 90° Inside Elbow

90° Long Radius Flat Bend Elbow



Part #	Mfg #	Description
ELL01112	230-LFB3	3", 90° Long Radius Flat Elbow
ELL01113	230-LFB4	4", 90° Long Radius Flat Elbow
COV04067	230-LFB6	6", 90° Long Radius Flat Elbow

90° Outside Elbow



Part #	Mfg #	Description
ELL01125	230-EIN3	3", 90° Outside Elbow
ELL01126	230-EIN4	4", 90° Outside Elbow
ELL01127	230-EIN6	6", 90° Outside Elbow

Cap



Part #	Mfg #	Description
CAP01038	230-DC3	3", Cap
CAP01039	230-DC4	4", Cap
CAP01040	230-DC6	6", Cap

Duct End



Part #	Mfg #	Description
COV04069	230-DE3	3", End Cap
COV04070	230-DE4	4", End Cap
COV04071	230-DE6	6", End Cap

Flex Joint



Part #	Mfg #	Description
COV04330	230-FJ3	3", Flex Joint
COV04125	230-FJ4	4", Flex Joint

Reducer Coupling



Part #	Mfg #	Description
COV04495	230-TC46	4" x 6", Reducer Coupling

T-Joint



Part #	Mfg #	Description
COV04126	230-TJ4	4", T-Joint
COV04494	230-TJ6	6", T-Joint

Supplies

Split System Installation Accessories

Union Coupling



Part #	Mfg #	Description
CPL01097	230-CP3	3", Union Coupling
CPL01098	230-CP4	4", Union Coupling
CPL01109	230-CP6	6", Union Coupling

Wall Penetration



Part #	Mfg #	Description
COV04023	230-WC3	3", Wall Penetration Cover
COV04024	230-WC4	4", Wall Penetration Cover
COV04065	230-WC6	6", Wall Penetration Cover
COV04066	230-WS2	2-1/2", Wall Sleeve

Roof Inlet

- Roof entrance adapters for line sets
- Body is equipped with a slope avoiding possible damage to the insulation



Part #	Mfg #	Size
COV04550	230-INJ465	5"
COV04551	230-INJ462	10"

Flat Wall Escutcheon



Part #	Mfg #	Description
COV04021	230-FR3	3", Flat Wall Escutcheon
COV04022	230-FR4	4", Flat Wall Escutcheon
COV04072	230-FR6	6", Flat Wall Escutcheon

Wall Escutcheon



Part #	Mfg #	Size
COV04073	230-WR3	3"
COV04074	230-WR4	4"
COV04075	230-WR6	6"

SpeediChannel™ Accessories

- Fittings for installing DiversiTech's SpeediChannel™ system



Part #	Mfg #	Description
SCR02279	230-DSCREW	Screw 100/Pk
CLP01105	230-DCLIP	4" Clip
CON01581	230-DCLIP-10	4" Clip 10/Pk

SpeediChannel™ Fitting Starter Kit

- Kit includes:
 - (1) Coupling
 - (1) Wall penetration
 - (1) Inside elbow
 - (1) Long radius flat bend
 - (1) SpeediClips™
 - (1) 11" Cable ties
 - (1) SpeediChannel™ instruction booklet



Part #	Mfg #	Description
KIT15753	230-IK3	3" Fitting Starter Kit
KIT15754	230-IK4	4" Fitting Starter Kit

Concentric Venting

Concentric Vent

- Allows both the intake for combustion air and the exhaust vent to pass through a standard roof or sidewall
- Kit includes:
 - Combustion air inlet cap
 - Air inlet pipe
 - Vent pipe
 - Intake/vent concentric "Y"



Part #	Mfg #	Description
DUC01439	CVENT-2	For Use with 2" Intake/Vent Systems
DUC01440	CVENT-3	For Use with 3" Intake/Vent Systems

Whips & Wire

Whips

A/C Whips

- Consists of insulated conductors inserted into a non-metallic conduit with PVC connectors
- Connectors:
 - (1) Straight
 - (1) 90° Elbow
- UL Listed



Part #	Mfg #	Description	Size
KIT08226	57515-T0-00	10/2 w/Ground	1/2" x 4'
KIT08227	57517-T0-00	10/2 w/Ground	1/2" x 6'
KIT08229	57507-T0-00	8/2 w/Ground	3/4" x 6'

DiversiWhip - Non-Metallic Connector

- Liquid-tight flexible conduit system
- (1) Straight and (1) 90° connector
- 90° Connector is removable for straight connections (2nd straight connector is not included)



Part #	Mfg #	Description
KIT07852	6-12-4NM	1/2" x 4', #10 THHN
KIT07853	6-12-6NM	1/2" x 6', #10 THHN
KIT07854	6-34-4NM	3/4" x 4', #8 THHN
KIT07855	6-34-6NM	3/4" x 6', #8 THHN
KIT07859	B6-12-6NM	1/2" x 6', #10 THHN, 60/Pk
KIT07863	B6-34-6NM	3/4" x 6', #8 THHN, 45/Pk

DiversiWhip - Metallic Connector

- Liquid-tight flexible conduit system
- Three distinct wire colors
- (1) Straight and (1) 90° metallic connectors



Part #	Mfg #	Description
KIT07849	6-12-6	1/2" x 6', #10 THHN
KIT07851	6-34-6	3/4" x 6', #8 THHN

DiversiWhip with Extended Length Wires - Non-Metallic Connector

- Equipped with extra long lead wires for difficult wire applications
- 10" of Lead wire on the straight side
- 18" of Lead wire on the 90° side



Part #	Mfg #	Description
KIT07869	6-12-6NMR	1/2" x 6', #10 THHN

Thermostat Wire

Thermostat Wire - 18 AWG SOL BC Barostat™ II Baro-Pak™

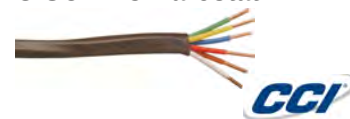
- UL Listed Type CL2, cUL Listed Type CM or CMH/FTI



Part #	Mfg #	AWG/Cond	Length
WIR03774	55308T407	18/8	250'

Thermostat Wire - 18 AWG SOL BC Barostat™ II - Brown Reels

- UL Listed Type CL2, cUL Listed Type CM or CMH/FTI



Part #	Mfg #	AWG/Cond	Length
WIR02573	3001820000	18/2	500'
WIR02574	3001830000	18/3	500'
WIR02576	3001850000	18/5	250'
WIR02577	3001860000	18/6	250'
WIR02579	3001880000	18/8	250'
WIR02581	3018100000	18/10	250'

Supplies

Gloves

Gloves

Journeyman™ Heavy-Duty Protection Gloves (K3)

- Streamlined high-density accordion knuckle panel reduces impact
- High profile, impact absorbing molded Thermal Plastic Rubber (TPR) finger protection
- Non-slip rubberized Zeus™ Carino® finger and thumb grippers and panel on heel of hand provide grip control and longer wear
- Synthetic leather with breathable mesh side insert finger panels
- 2-Ply synthetic leather palm with anatomically die cut Ethylene Vinyl Acetate (EVA) foam padded impact zones
- Thermal Plastic Rubber (TRP) cuff strap with hook and loop closure
- Neoprene cuff allows easier access with additional wrist protection and comfort



Part #	Mfg #	Size
APL00223	40063	Large
APL00224	40064	X-Large

Journeyman™ Leather Work Gloves (K4)

- Genuine Goatskin professional grade leather
- Two-way form-fitting spandex top
- Molded Thermal Plastic Rubber (TPR) ribs offer flexible protection for back of hand and fingers
- Lightly padded palm
- Easy entry elastic cuff
- Stretch knuckle with foam padding
- Thermal Plastic Rubber (TRP) cuff strap with hook and loop closure



Part #	Mfg #	Size
APL00233	40068	Large
APL00234	40069	X-Large

Journeyman™ Pro Utility Gloves

- Reinforced area at base of thumb
- Wrap around design at index finger
- Elastic position below heel of hand for snug, comfortable fit
- Extended cuff for easier on/off
- Nylon synthetic suede palm is durable and washable
- Sewn in hang-up look for storage



Part #	Mfg #	Size
APL00344	40031	Large
APL00345	40032	X-Large

Journeyman™ Utility Gloves (K1)

- Supple, breathable, durable synthetic leather palm
- Two-way stretch spandex padded top features form-fitting elasticity
- Reinforced thumb, index finger and fingertips add protection
- Concealed interior seam stitching prevents snagging
- Wide opening elastic cuff
- Contact points on index finger and thumb feature smooth surface for improved handling of objects



Part #	Mfg #	Size
APL00226	40053	Large
APL00227	40054	X-Large

Personal Protection

Safety Products - Apparel

Disposable Dust Masks

- Use around grinding, sanding, drilling, cleaning, and similar
- Double absorbent filter material is non-allergenic
- Metal nosepiece



Part #	Mfg #	Description
TOL02753	60080	Disposable Dust Masks, 50/Box

Protective Eyewear - Frameless

- Frameless, wrap-around polycarbonate lens for unobstructed vision and coverage
- Lightweight design for all day comfort
- Easy-fitting universal molded-in nosepiece
- Clear lens for indoor use



Part #	Mfg #	Description
APL00152	60056	Black Earpieces, Clear Lens

Safety Products - Eyewear

Protective Eyewear

- Meets mil V₀ ballistic test for impact
- 3-Position ratchet lens inclination adjusts for a custom fit
- Lens follow the contour of the cheekbone to create a "zone of protection"
- Dual 9-Base wrap around lens provide uncompromised peripheral vision
- Ventilation channel reduces lens moisture build-up and fogging
- Clear lenses for indoor use only
- Brown tinted lenses for outdoor use, meets traffic signal color recognition of ANSI Z80.3-2001



Part #	Mfg #	Description
TOL02525	60055	Black Frame, Brown Tinted Lens

Protective Goggles

- General purpose cover type protective goggles of soft vinyl plastic



Part #	Mfg #	Description
TOL02537	60040	1-Piece Goggles

Supplies

COILS COILS COILS

Each day coils go out of service. No matter the reason, location, or application...we can help you replace your coil. Contact us - **your local Trane parts center** We are here to help!

Brushes

Brushes

Chip Brush

- 100% Pure bristle, wood handle
- Poly sleeve over bristles
- Ideal for applying duct adhesive



Part #	Mfg #	Description
BRU00370	B-502	1-1/2" Chip Brush
BRU00344	B-503	2" Chip Brush
BRU00371	B-504	2-1/2" Chip Brush
BRU00372	B-505	3" Chip Brush

Condenser and Heat Exchanger Brush

- For commercial power tube cleaning machines
- Variety of sizes available



Part #	Mfg #	Description
BRU00300	B-333	1" Nylon, 1/4-28 Male

Fin Whisk Brush

- Plastic handled whisk for cleaning condenser and evaporator fins



Part #	Mfg #	Description
BRU00345	B-26	Fin Whisk Brush

Scratch Brush

- General purpose cleaning
- Carbon steel curved handle



Part #	Mfg #	Description
BRU00294	B-10	Scratch Brush

Tin Handle Acid Brush

- Electrolyte tin plate and 100% pure stiff horsehair



Part #	Mfg #	Description
BRU00273	B-2	1/2" Tin Handle acid Brush

Welder's Brush

- Stainless steel bristles
- For cleaning aluminum



Part #	Mfg #	Description
BRU00271	B-4	Welder's Brush

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Tape

Aluminum Foil Tape

Aluminum Foil Tape

- Use for HVAC and refrigeration systems
- Prevents heating and cooling losses
- Blocks odors and moisture
- Working temperature: -35° to 260°F



Part #	Mfg #	Size
TAP00076	640-AF2	2" x 50 yds
TAP00078	640-AF3	3" x 50 yd

UL 181 Listed Foil Tape

- For airtight bonds on joints and seams of fiberglass duct systems



Part #	Mfg #	Size
TAP00081	640-UL25	2-1/2" x 60 yds
TAP00082	640-UL3	3" x 60 yds

Cloth Duct Tape

- Superior performance in sealing air handling systems
- High-tack, excellent strength
- Heavy cloth content for easier tearing and additional strength
- Made in the USA

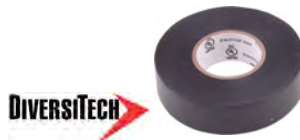


Part #	Mfg #	Description
TAP00070	PC-600-S	2" x 60 yds, Contractor Grade, Silver
TAP00071	PC-600-B	2" x 60 yds, Contractor Grade, Black
TAP00068	PC-609-S	2" x 60 yds, Industrial Grade, Silver
TAP00069	PC-609-B	2" x 60 yds, Industrial Grade, Black
TAP00066	PC-622-S	2" x 60 yds, Premium Grade, Silver
TAP00067	PC-622-B	2" x 60 yds, Premium Grade, Black

Electrical Tape

Scotch 3M Glass Cloth, Moisture Sealing and Economy Electrical Tape

- Designed to operate in 600 dry applications
- Corrosion free protection
- Hiawatha



Part #	Mfg #	Size
TAP00092	ET22	3/4" x 66'

Scotch 3M Super 33+ Electrical Tape

- Premium grade, 7 mil all-weather vinyl insulating
- Temperature range: 0° to 220°F



Part #	Mfg #	Size
TAP00087	ET33	3/4" x 66'

Scotch 3M Super 88 Electrical Tape

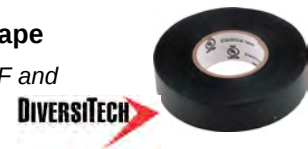
- Premium grade, 8.5 mil, all-weather vinyl insulating
- Temperature range: 0° to 220°F



Part #	Mfg #	Size
TAP00088	ET44	3/4" x 66'

Economy PVC Electrical Tape

- Suitable for use up to 175°F and not more than 600V
- UL Listed



Part #	Mfg #	Size
TAP00093	6-3460	3/4" x 60'

Foil Scrim Kraft Tape

- Non-tearable, diamond patterned backing with aggressive rubber based adhesive system



Part #	Mfg #	Size
TAP00080	640-FSK3	3" x 50 yds

Insulation Tape

30' Cork Insulation Tape

- Can be used on hot or cold pipes
- Also serves as gasket material or sound deadening material



Part #	Mfg #	Description
CHM00383	4217-W3	2" x 1/8" x 30' Roll

Tape

Cork Insulation Tape

- Effectively insulates hot or cold pipes
- Stops condensation and drip
- Firmly adheres to all non-porous surfaces and to itself for multiple-wrap applications
- Will not shrink or dry out



Part #	Mfg #	Description
TAP00048		2" x 1/8", 12 Rolls

30' Cork-Tite™ Insulation Tape

- Can be used on hot or cold pipes
- Also serves as gasket material or sound deadening material
- Sticks to all dry metals and seals tightly
- Will not shrink or melt between -20°F and +200°F



Part #	Mfg #	Description
TAP00113	4217-12	2" x 1/8" x 30' Roll

Foam Insulation Tape

- Effectively insulates hot or cold pipes
- Stops condensation and drip
- Firmly adheres to all non-porous surfaces and to itself for multiple-wrap applications
- Will not shrink or dry out



Part #	Mfg #	Description
TAP00047	H-2800	2" x 1/8", 12 Rolls

30' Foam-Tite™ Insulation Tape

- Utilizes closed-cell construction and can be used with cold water pipes, chilled water lines and refrigerant lines to prevent sweating and condensation
- Also for use on hot water lines to prevent heat loss
- Can be overlapped or edges can be butted



Part #	Mfg #	Description
TAP00099	4219-12	2" x 1/8" x 30' Roll

30' Presst-O-Cel® Foam Insulation Tape

- Formulated from the highest quality elastomeric thermal insulation material
- Closed cell construction
- Can be used on hot or cold water pipes



4218-W3

Part #	Mfg #	Description
TAP00102	4218-W3	2" x 1/8" x 30' Roll
TAP00098	4218-12	2" x 1/8" x 30' Roll Dispenser Pack

Teflon Tape

RectorSeal® Teflon® Tape



Part #	Mfg #	Size
KIT06500	35944	1/2" x 1,296"

Teflon® Tape

- Pure white Teflon
- Non-toxic
- Withstands up to 2,000 psi of pressure



Part #	Mfg #	Size
TAP00062	6-734	1/2" x 260"
TAP00061	6-733	1/2" x 520"
TAP00064	6-736	3/4" x 260"

Towels & Rags

Hand Cleaners

Klein Kleeners® Hand Cleaning Towels

- Pre-moistened towels
- Powerful, gentle, pumice like cleansing action
- No rinsing, no drying, no residue
- 10-1/2" x 12-1/4"



Part #	Mfg #	Description
TOL02440	51425	72 Towels/Tub

Scrubs® HVAC 80

- Pumice hand-cleaner impregnated towel
- Disposable



Part #	Mfg #	Description
CHM00423	4366-24	36 Count Bucket
CHM00424	4366-87	80 Count Bucket

Rags

Workhorse® Manufactured Rag

- Versatile, economical
- Made from Hydorknit®
- 9-3/4" x 16-3/4"



Part #	Mfg #	Description
TOL01766	5-41455	White, 100 Rags/Box

Towels

Shop Towel

- Heavy-duty reusable towels
- 100% Cotton material, pre-shrunk and hemmed
- 13" x 16"



Part #	Mfg #	Description
TOL01892	ST-4	4 Towels/Bag
TOL01893	ST-10	10 Towels/Bag
TOL01894	ST-24	24 Towels/Bag

Teri® Towel

- Multi-ply tissue reinforced with nylon webbing
- Made with 100% recycled paper
- 9-3/4" x 16-3/4"
- 10 Boxes per case



Part #	Mfg #	Description
TOL01969	5-34790	Reinforced, 126 Towels/Box

WypAll ShopPro X80 Towel

- Absorbs grease, oil, water, and solvents
- Feels like cloth
- Tough enough for heaviest jobs



Part #	Mfg #	Description
TOL02101	5-41041	Blue, 160 Towels/Box

Supplies

Mechanical Tube Cleaning

Tube Cleaners

RAM-4 Chiller Rotary Tube Cleaner

- One-person operation
- For cleaning tubes/pipes 1/4" to 1" ID in chillers, condensers, evaporators, absorption machines and heat exchangers
- Stainless steel construction
- Simultaneous water flush
- Foot switch activation
- Water requirements: 30 psi @ 2 gpm
- Dimensions: 37"H x 20"W x 17"D
- Flexible shaft speed: 862.5 rpm
- 21' Power supply cord
- Includes:
 - RAM-4 Chiller tube cleaner
 - Mobile dolly with tool storage box
 - Single direction foot switch



Part #	Mfg #	Description
TOL01659	RAM-4-60	1/2 hp, 115V, 60Hz, 1-Directional Foot Switch
TOL01741	RAM-4A-50	1/2 hp, 220V, 50Hz, 2-Directional Foot Switch
TOL01746	RAM-4-60-R	1/2 hp, 115V, 60Hz, 2-Directional Foot Switch

Flexible Shaft with Nylon Casing

- Suffix Q = Quick connect



Part #	Mfg #	Length	Tube ID
SHF02760	GTC-702-25	25'	7/16" to 1/2"
SHF02745	GTC-703Q-25	25'	9/16" to 1"
SHF02735	GTC-703-35	35'	9/16" to 1"
SHF02738	GTC-703-45-R5	45'	9/16" to 1"

Tube Cleaning Brushes

Blue Nylon Tube Cleaning Brush

- For removing soft deposits (mud, algae, etc.) in straight, ferrous and nonferrous tubes
- For use with RAM-4-60, RAM-5SF-60-3 & RAM-6-60

Part #	Mfg #	Tube Size	Ftg Type	Qty
BRU00169	GTC-211-5/8	5/8"	Std Thread	25/Pk
BRU00170	GTC-211-11/16	11/16"	Std Thread	25/Pk

Tube Cleaning Brushes (Continued)

Blue Nylon Tube Cleaning Brush

Part #	Mfg #	Tube Size	Ftg Type	Qty
BRU00203	GTC-211-13/16	13/16"	Std Thread	15/Pk
BRU00204	GTC-211-15/16	15/16"	Std Thread	15/Pk
BRU00188	GTC-211-1/2	1/2"	Std Thread	15/Pk
BRU00171	GTC-211-3/4	3/4"	Std Thread	25/Pk
BRU00206	GTC-211-7/8	7/8"	Std Thread	15/Pk
BRU00189	GTC-211-1	1"	Std Thread	15/Pk
BRU00177	GTC-211Q-5/8	5/8"	Quick Conn	25/Pk
BRU00178	GTC-211Q-11/16	11/16"	Quick Conn	25/Pk
BRU00179	GTC-211Q-3/4	3/4"	Quick Conn	25/Pk
BRU00264	GTC-211Q-7/8	7/8"	Quick Conn	15/Pk
BRU00187	GTC-211Q-1	1"	Quick Conn	15/Pk

Brass Tube Cleaning Brush

- For removing soft and light scale deposits in straight, ferrous and nonferrous tubes

Part #	Mfg #	Tube Size	Ftg Type	Qty
BRU00192	GTC-200B-5/8	5/8"	Std Thread	15/Pk

Want to clean tubes faster than ever?

HIRE THE PRO.

Goodway RamPro™ – Faster, easier chiller tube-cleaning!



TRANE PART NO. TOL03794

FEATURING:

- **Quick-Connect system**
Cuts brush and shaft changes from minutes to seconds!
- **Superior tube-cleaning**
Power and dependability
- **Portable and sturdy design**
Roll cage protection!

THE BEST WAY IS

www.goodway.com/tubecleaning **GOODWAY**

Mechanical Tube Cleaning

The "Patriot®" Dual Diameter Nylon Tube Cleaning Brush

- For removing soft and light scale deposits in straight, ferrous and nonferrous internally enhanced tubes



Part #	Mfg #	Tube Size	Ftg Type	Qty
BRU00175	ENN-062	5/8"	Std Thread	25/Pk
BRU00324	ENN-090	15/16"	Std Thread	25/Pk

Spin-Grit Tube Cleaning Brush

- For removing soft and light scale deposits in straight, ferrous and nonferrous tubes
- Nylon bristles
- Cleans & polishes in one step



Part #	Mfg #	Tube Size	Ftg Type	Qty
BRU00172	SGB-075	7/16" - 5/8"	Std Thread	15/Pk
BRU00173	SGB-100	11/16" - 3/4"	Std Thread	15/Pk
BRU00191	SGB-125	13/16" - 1"	Std Thread	15/Pk
BRU00180	SGB-Q-075	7/16" - 5/8"	Quick Conn	15/Pk
BRU00181	SGB-Q-100	11/16" - 3/4"	Quick Conn	15/Pk

Dual Diameter Spin-Grit Brush

- For removing soft and light scale deposits in straight, ferrous and nonferrous internally enhanced tubes



Part #	Mfg #	Tube Size	Ftg Type	Qty
BRU00184	ESGB-062	5/8"	Std Thread	15/Pk
BRU00194	ESGB-075	3/4"	Std Thread	15/Pk
BRU00190	ESGB-100	1"	Std Thread	15/Pk
BRU00214	ESGB-Q-050	1/2"	Quick Conn	15/Pk
BRU00215	ESGB-Q-62	5/8"	Quick Conn	15/Pk
BRU00216	ESGB-Q-075	3/4"	Quick Conn	15/Pk
BRU00217	ESGB-Q-100	1"	Quick Conn	15/Pk

Tube Cleaning Tools

Adjustable Buffering Tool

- Stainless steel
- For removing light to medium scale deposits or for finishing tubes previously roughed out with other cleaning tools
- For ferrous and nonferrous straight tubes



Part #	Mfg #	Description
TOL01682	GTC-206	For Tubes 5/16" to 1" ID



CLEAN COILS THROUGH THICK AND THIN.

With the Goodway CoilPro® dirt and grime don't stand a chance.

- Specially designed to clean even the thickest, dirtiest industrial HVAC coils
- Unique pump system delivers 400 PSI and 3 gallon per minute flow rate
- Includes Wonder Wand® patented system for back flushing coils

CC-400HF
Portable washing system for thick HVAC coils.

TRANE PART NO. TOL03887

THE BEST WAY IS

www.goodway.com/coilcleaning **GOODWAY®**

Clean Coils On-The-Go, Anytime, Anywhere.

More SPEED. Better CLEAN.

CoilJet® lets you power clean AC coils faster, easier and safer than ever! Our portable, rechargeable battery powered system is specifically designed to power-clean evaporator and condenser coils, without damaging fragile coil fins like most pressure washers can.

To find out more call 1-888-700-3540 or visit us online today!

Improve your performance at speedclean.com

TRANE PART NO. TOL03903

SPEEDCLEAN®

Combustion Analyzers

Combustion Analyzers

ECA 450 Combustion Efficiency & Environmental Analyzer

- Built-in printer and complete data downloading to a PC capability
- EPA-ETV Test verified performance
- Measures and displays O₂ and CO in the flue gas, pressure (draft), primary air temperature, and stack temperature
- Calculates and displays combustion efficiency, excess air, and CO₂
- Optionally measures and displays NO, NO₂, SO₂, HC, and CO in the high range of 4,000 to 80,000 ppm
- Optionally displays pollution conversions for CO, NO NO₂ and SO₂
- Stores over 1,000 combustion and or pressure test records
- Performs data logging



Part #	Mfg #	Description
KIT13624	24-7221	O ₂ , CO Stack Temp, Primary Air Temp, and Draft with Probe

Fyrite® INSIGHT® Plus Residential Combustion Analyzer

- Five tools in one:
 - Combustion and efficiency analyzer
 - Room air CO test instrument
 - Flue gas CO tester
 - Dual channel digital thermometer
 - Digital manometer
- (9) User selectable fuels
- Full-color Graphic LCD display with real-time graphs, status and analysis results
- User diagnostics
 - O₂ Sensor life indication
 - Calibration reminders
- Pre-calibrated B-Smart® CO sensor with integral NO_x filter
- Manual zero/auto-zero (CO) feature
- Reporting kit (optional) includes:
 - Customize test reports with company logo
 - Upload custom fuels
 - Software updates



Part #	Mfg #	Description
TOL03851	0024-8515	Less Reporting Kit
TOL03852	0024-8516	With Reporting Kit

Fyrite® INSIGHT® Residential Combustion Analyzer

- Five tools in one:
 - Performs combustion efficiency testing for (8) different fuels
 - Tests CO ambient conditions
 - Measures CO in flue and calculates CO air free
 - Serves as a dual channel digital thermometer (Up to 999°F)
 - Functions as a digital manometer (draft, gas pressure, ESP, up to 100 INWC)
- Self calibration and easy sensor access
- User diagnostics
- O₂ Sensor life indication
- Calibration reminders
- Graphic LCD display
- Customize with company logo
- Includes IrDA printer, USB cable and software



Part #	Mfg #	Description
KIT15276	0024-8251	Fyrite® INSIGHT® Analyzer with Reporting Package Kit

Fyrite® InTech™ Residential Combustion Analyzer

- (6) User selectable fuels
- Direct measurement of O₂, CO (0-2,000 ppm), stack and ambient temperature
- Calculated measurement of combustion efficiency CO₂ CO (air-free) and excess air
- Internal data storage of 10 complete records
- "Plug-n-play" B-Smart® pre-calibrated sensors enable simple in-field replacement
- Reporting kit includes (optional):
 - Printer
 - Rubber boot
 - Probe
 - (8) AA Batteries
 - Hard carrying case
 - USB Cable
 - Fyrite® user software
 - Spare filters



Part #	Mfg #	Description
TOL03876	0024-8510	O ₂ Sensor Only with Soft Carrying Case
TOL03850	0024-8511	CO, O ₂ Sensor with Soft Carrying Case
TOL03877	0024-8512	With Reporting Kit
TOL03875	0024-8523	CO and O ₂ Sensors with Rubber Boot and Hard Carrying Case



Combustion Analyzers

Fyrite® InTech™ Parts & Accessories

Part #	Mfg #	Description
KIT14829	0024-7059	CO Calibration Kit (no gas)
CYL00211	0024-0492	CO Calibration Gas, 500 ppm CO
CYL00224	0051-1994	CO Calibration Gas, 100 ppm CO
FLR07334	0024-1505	Nox Filter Kit
KIT156519	0024-1579	Replacement End Plate
FLR06890	0007-1644	Replacement Filters for Water Trap, 3/Pk
PMP02078	0024-3073	Replacement Pump Assembly
FLR06499	0019-3265	Replacement Water Trap/Filter Assembly for Probe
CAS01989	0024-1461	Rubber Boot
CAS01988	0024-1606	Soft Carrying Case for Fyrite® InTech®

Fyrite® Tech Combustion Analyzer

- Measures: O₂ stack temperature, ambient temperature, CO
- Calculates: Combustion efficiency, CO₂, excess air, CO air free
- Starter kit includes:
 - Fyrite® Tech 60
 - Rubber boot
 - Instruction manual
 - Driftrite® Pocket gauge
 - True Spot® Test kit
 - Hard carrying case



Part #	Mfg #	Description
KIT15058	0024-8227	Starter Kit
KIT15180	0019-7111	Probe and Hose Assembly with Thermocouple Lines

PCA® 3 Portable Combustion Analyzer

- Measures and displays flue gas oxygen, carbon monoxide, stack temperature, combustion air temperature, draft and differential pressure
- Full color, multilingual graphic display with backlighting, zoom display and dimming mode
- Measures up to 4 gases simultaneously
- B-Smart® Sensors
- 10 Different fuels with ability to load custom fuels



Part #	Mfg #	Description
KIT15810	24-8447	O ₂ , CO Kit with Printer
KIT15811	24-8451	O ₂ , CO, NO, NO ₂ Kit with Printer
TOL03764	0024-8453	O ₂ , CO, NO, CO High Kit with Printer
TOL02794	24-1400	IrDA Printer with Batteries
SEN01324	0024-7265	Replacement CO Sensor
SEN01325	0024-0788	Replacement O ₂ Sensor
PAP00005	0024-1310	Printer Paper 5 Roll Pack
TOL02794	24-1400	IrDA Printer with Disposable Batteries

Combustion Analyzer Case

Part #	Mfg #	Description
CAS01797	0024-0865	Hard Carrying Case for Fyrite® PCA®3, Fyrite® PCA®2, Fyrite® INSIGHT®, Fyrite® Tech®, Monoxor®III and Oxor®III

True Spot® Smoke Test Kit

- Accurate smoke reading takes less than a minute
- Determines efficient combustion and is internationally recognized as the standard method of evaluating smoke density in the flue gases from distillate fuels



Part #	Mfg #	Description
KIT12373	0021-7006	True Spot® Smoke Test Set

Flashlights

Flashlights

CSI Quatro LED Flashlight

- (5) Green LEDs
- (5) UV LEDs
- Red laser pointer
- Emergency flasher function
- S.O.S. Flash mode
- Anodized aircraft grade aluminum water-resistant compact body design

NEBO
TOOLS



Part #	Mfg #	Description
LIT01129	5561	75 Lumen Output, Clamshell

REDLINE™ Flashlight

- (5) Settings: 220 lumens, 110 lumens, 22 lumens, SOS, defensive strobe
- Anodized aircraft grade aluminum water-resistant compact body design
- Magnetic base for hands-free lighting
- Read glow-in-the-dark button uses hard/soft touch technology
- (3) AAA Batteries included

NEBO
TOOLS



Part #	Mfg #	Description
LIT01130	5581	220 Lumen Output, Clamshell

SE REDLINE® Flashlight

- Primary and secondary lighting modes
- 4x Adjustable zoom changes the light from spot to flood
- Anodized aircraft grade aluminum water-resistant compact body design
- Magnetic base
- Rear glow-in-the-dark button
- (3) AAA Batteries included

NEBO
TOOLS



Part #	Mfg #	Description
LIT01131	5615	250 Lumen Output, Clamshell

Flashlight Holsters

NEBO
TOOLS



Part #	Mfg #	Description
LIT01139	5089	CSI Flashlight Holster with Belt/ Pocket Clip

Laser Pens

Light-Writer 3-in-1 Laser Light Pen

- Black ball point pen
- 12,000 MCD LED Light
- Red laser pointer travels over 450 yards
- Includes (6) LR44 button cell batteries

NEBO
TOOLS



Part #	Mfg #	Description
LIT01138	5571	Light-Writer Laser Light Pen

Pocket Lights

Larry 8 LED Work Light

- 60 Lumen output, 8 LED
- Rotating magnetic clip
- Recessed LED housing
- Water-resistant reinforced plastic body design

NEBO
TOOLS



Part #	Mfg #	Description	Qty
LIT01132	5618	Assorted Colors	24/Pk
LIT01133	5894	Red	12/Pk
LIT01134	5895	Blue	12/Pk
LIT01135	5896	Grey	12/Pk
LIT01136	5897	Yellow	12/Pk

Quarrow® Hands-Free Neck Lights

- (4) Bright white LEDs
- Flex-arms bend and maintain any shape
- Water-resistant
- Viewing distance: 10 meters
- Run time: 40 hours
- (2) AAA Batteries included

NEBO
TOOLS



Part #	Mfg #	Description
LIT01140	5491	Hands-Free Neck Light

Hand Tools

Adjustable Wrenches



Adjustable Wrench - Extra Capacity Plastic Handle

- Excellent in confined spaces
- High polish chrome finish



Part #	Mfg #	Length	Capacity
TOL02354	D507-6	6-3/8"	15/16"
TOL02355	D507-8	8-3/8"	1-1/8"
TOL02356	D507-10	10-3/8"	1-5/16"
TOL02357	D507-12	12-3/8"	1-1/2"

Folding Hex Key Sets



Nine Key Hex Set



Part #	Mfg #	Description
TOL02360	70591	4-1/4" Length Sizes: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"

Knives



Serrated Duct Knife

- Cuts duct board and flexible duct
- Double-edged knife-regular and serrated
- Puncture resistant nylon sheath with belt loop



Part #	Mfg #	Description
TOL03448	DK06	5-1/2" Long

Nylon Tie Tensioning Tools



Manual Nylon Tie Tensioning Tool

- Tensions up to 65 lbs
- Maximum tie width of 15/32"



Part #	Mfg #	Description
TOL03451	86570	Nylon Tie Tensioning Tool

Nylon Tie Tensioning Tool with Auto-Cutoff

- Excess tie material is automatically cut-off
- Tensions up to 65 lbs
- Maximum tie width of 15/32"
- Designed to work with ties rated at 120 to 250 lbs



Part #	Mfg #	Description
TOL03450	86571	Nylon Tie Tensioning Tool

Pocket Tools



PAL1

PMG2



MDSH1

Part #	Mfg #	Description
TOL03194	PAL1	Alligator Clip Extension Tool, Extends to 24"
TOL03196	PMG2	Pocket Extension Magnet & LED Light
TOL03190	MDSH1	Magnetic Parts Dish

ET500 Video Borescope



- Use to view inaccessible areas
- Features video, audio, photo recording, file playback, a durable camera snake with an adjustable work light, and video output capabilities
- Multiple applications: electrical, HVAC, plumbing, automotive, aircraft
- Rechargeable batteries



Part #	Mfg #	Description
TOL03853	ET500	3.2" Screen

Hand Tools

KLEIN[®] TOOLS

These job-matched tools are proven to stand the test of time with superior results.



www.kleintools.com

Tools

Hand Tools

ET510 Borescope



- Use to view inaccessible areas
- Features a durable camera snake with an adjustable work light
- Waterproof, dustproof camera (IP67), adjustable LED work light, high resolution screen, mirror image
- Multiple applications: electrical, HVAC, plumbing, automotive, aircraft

Part #	Mfg #	Description
TOL03854	ET510	2.4" Screen

Telescoping Glass Mirror



- Inspection mirrors with replaceable glass mirrors
- 9-1/4" - 14-1/4" Extension

Part #	Mfg #	Description
TOL01763	78094	2-1/4" Round

Tools

Quarrow® MT13 Anglers Tool

- 4.5" x 1" x 1.375"
- 13 Features in 1 tool:
 - Split ring needle nose pliers
 - Crimper, cutter
 - Hook remover, fish descaler
 - Scissors
 - Phillips screwdriver
 - 2.5" Stainless steel knife blade
 - 2.5" Serrated double edge stainless steel saw blade
 - Jigeye cleaner
 - 2 Flat-head screwdrivers
 - 2.5" Double sided file



Part #	Mfg #	Description
LIT01137	5467	Quarrow MT13 Anglers Tool

Steel MeasuringTape

Magnetic Double End-Hook Tape



- Nylon-coated hardened steel blade
- True zero feature for accurate inside and outside measuring
- Rare earth magnetic double end hook
- First 11" (279mm) has oversized, bold numbers
- Easy-read fractional scale
- Double-sided rule for measurement while using against wall, ceiling or conduit
- Horizontal and vertical standout for easy one person measurements



Part #	Mfg #	Description
TOL03763	93225	25' With Magnetic Tip

Screwdrivers, Nut Drivers & Accessories

Cushion Grip Nut Drivers

Magnetic Tip Nut Driver - 3" Hollow Shank

- Rare Earth magnetic tip
- Handle end is color-coded for easy identification
- Chrome-plated



Part #	Mfg #	Description
TOL02854	630-5/16M	5/16" Magnetic

Magnetic Tip Nut Driver - 6" Hollow Shank

- Rare Earth magnetic tip
- Handle end is color-coded for easy identification
- Chrome-plated



Part #	Mfg #	Hex Size	Shaft Lgth
TOL02470	646-1/4M	1/4"	6"
TOL02471	646-5/16M	5/16"	6"

Magnetic Tip Nut Driver Set - 6" Hollow Shank

- Set contains 1/4" and 5/16"
- Rare Earth magnetic tip
- Handle end is color-coded for easy identification
- Chrome-plated



Part #	Mfg #	Description
TOL02455	646M	1/4" & 5/16" 2-Piece Set

Stubby Nut Driver - 1-1/2" Hollow Shank

- Rare Earth magnetic tip
- Full hollow shank for long bolts or studs
- Meets or exceeds applicable AMSE / ANSI specifications



Part #	Mfg #	Description
TOL02631	610-1/4M	1/4" Magnetic

Stubby Nut Driver Set - 1-1/2" Hollow Shank

- Set contains 1/4" and 5/16"
- Full hollow shank for long bolts or studs
- Meets or exceeds applicable AMSE / ANSI specifications



Part #	Mfg #	Description
TOL02453	610M	2-Piece Set, Magnetic

Cushion Grip Screwdrivers

Demolition Screwdriver - Keystone Tip

- Patented Tip-Ident®
- Internal flanges inside handle
- Heat-treated metal shaft
- Plated metal strike cap
- Meets or exceeds ASME/ANSI specifications
- Made in the USA



Part #	Mfg #	Blade Length	Point Size	Overall Length
TOL03848	602-4DD	4"	1/4"	9"
TOL03849	602-7DD	7"	5/16"	12-3/8"

Heavy-Duty Round Shank Screwdriver - Keystone Tip



Part #	Mfg #	Shank Tip	Shank Length	Overall Length
TOL02285	602-6	5/16"	6"	10-15/16"

Heavy-Duty Square Shank Screwdriver - Keystone Tip



Part #	Mfg #	Shank Tip	Shank Length	Overall Length
TOL02283	600-4	1/4"	4"	8-11/32"

Miniature Cushion Grip Screwdriver - Cabinet Tip



Part #	Mfg #	Tip Size	Shank Length	Overall Length
TOL02841	607-3	3/32"	3"	5-3/4"
TOL02842	608-4	1/8"	4"	6-3/4"

Screwdrivers, Nut Drivers & Accessories

Round Shank Screwdriver - Cabinet Tip



Part #	Mfg #	Shank Tip	Shank Length	Overall Length
TOL02284	601-6	3/16"	6"	9-3/4"

Round Shank Screwdriver - Profiliated® Phillips Tip



Part #	Mfg #	Point Size	Shank Length	Overall Length
TOL02286	603-4	#2	4"	8-5/16"

Cushion Grip Screwdriver Sets

4-Piece Mini Cushion Grip Screwdriver Set

- Includes:
- 604-3 Phillips tip #0
- 606-2 Keystone tip 1/16"
- 607-3 Cabinet tip 3/32"
- 608-3 Cabinet tip 1/8"



Part #	Mfg #	Description
TOL02945	85484	4-Piece Mini Driver Set

Magnetic Hex Drivers

- For driving sheet metal screws
- Strong rare earth magnets for maximum holding
- 1/4" Hex shank with quick release groove
- 1-3/4" Overall length



Part #	Mfg #	Description	Qty
TOL03452	86600	1/4"	3/Pk
TOL03453	86601	5/16"	3/Pk
TOL03454	86602	3/8"	3/Pk

Multi-Bit Screwdriver/Nut Drivers

- Interchangeable shaft

Extended-Reach Screwdriver/Nut Driver



Part #	Mfg #	Type	Overall Length	Shank Length
TOL03742	32559	Ext Reach	9"	4.11"

Heavy-Duty Screwdriver/Nut Driver



Part #	Mfg #	Type	Overall Length	Shank Length
TOL03746	32557	Heavy-Duty	7.9"	2.95"

Ratcheting Screwdriver/Nut Driver



Part #	Mfg #	Type	Overall Length	Shank Length
TOL03741	32558	Ratcheting	8"	2.95"

Stubby Screwdriver/Nut Driver



Part #	Mfg #	Type	Overall Length	Shank Length
TOL03743	32561	Stubby	3.2"	1.27"

Plastic Handle Hollow Shaft Nut Drivers

Nut Driver - Magnetic

- Includes a powerful nut-holding magnet



Part #	Mfg #	Handle Color	Hex Size	Overall Length
TOL02350	S86M	Red	1/4"	9-5/8"
TOL02351	S106M	Amber	5/16"	9-5/8"

Screwdrivers, Nut Drivers & Accessories

10-Fold™ Screwdriver/Nut Driver Schrader® Valve Core Tool

- Includes:
 - 5/16" & 1/4" Nut drivers
 - #1 & #2 Phillips
 - 1/4" & 3/16" Slotted
 - Schrader® valve core removal/installation-extractor
 - #1 & #2 Square-recess
- Unfold each driver arm up to a full 180 degrees for straight on driving power, or at 90 degrees for extra leverage on stubborn fasteners
- Each arm contains four interchangeable bit-styles and two nut drivers



Part #	Mfg #	Description
TOL03808	32534	10-In-1 Screwdriver/Nut Driver Schrader Valve Core

Screwdriver/Nut Driver Combinations

Replacement Bit for 10-in-1

- Replacement bits for 10-in-1 No. 32477

Part #	Mfg #	Description
TOL02301	32483	#2 Phillips - 1/4" Slotted

11-in-1 Screwdriver/Nut Driver

- End of handle is marked to quickly identify tool
- Includes:
 - 3/8", 5/16" & 1/4" Nut drivers
 - #1 & #2 Phillips
 - 1/4" & 3/16" Slotted
 - #10 & #15 TORX®
 - #1 & #2 Square-recess
- Cushion grip handle



Part #	Mfg #	Description
TOL03107	32500	11-in-1 Screwdriver/Nut Driver

11-in-1 Screwdriver/Nut Driver with Valve Removal/ Installation Bit

- Includes a TR-4 Schrader® valve core installation/removal and core extractor bit
- End of handle is marked to quickly identify tool
- Includes:
 - 3/8", 5/16" & 1/4" Nut drivers
 - #1 & #2 Phillips
 - 1/4" & 3/16" Slotted
 - #1 & #2 Square
 - Schrader valve core removal/installation - extractor
- Cushion grip handle



Part #	Mfg #	Description
TOL03379	32527	11-in-1 Screwdriver/Nut Driver w/Schrader Valve Core Tool

Screw-Holding Screwdrivers

- Starts and drives screws with one hand
- Cushion-Grip non-slip handle

Phillips



Part #	Mfg #	Hex Size	Shank Length	Overall Length
TOL03698	32216	#2 Phillips	7"	11-1/4"

Slotted Flat



Part #	Mfg #	Hex Size	Shank Length	Overall Length
TOL03697	32215	1/4"	7"	11-1/4"

Terminal Block Screwdrivers

- Precision machined tip provides exact fit for terminal block screws
- Tip is up to 19% stronger than competitors
- Tip provides 76% higher torque value than the required ASME B107 Standard



Part #	Mfg #	Shank Tip	Shank Length	Overall Length
TOL03744	612-4	1/8"	4"	7-3/4"

Strippers, Cutters & Crimpers

Crimping & Cutting Tools

Crimping/Cutting Tool - Non-Insulated/Insulated Terminal

- Designed to crimp insulated and non-insulated 10 to 22 AWG solderless terminals and connectors
- Tapered nose design
- Specially hardened cutter
- Hot-riveted joint



Part #	Mfg #	Handle Color	Length
TOL02280	1005	Red	9-3/4"

Journeyman™ Crimping/Cutting Tool - Non-Insulated/Insulated Terminal

- Designed to crimp insulated and non-insulated 10 to 22 AWG solderless terminals and connectors
- Dual material handles
- Tapered nose design
- Specially hardened cutter
- Hot-riveted joint



Part #	Mfg #	Handle Color	Length
TOL02585	J1005	Red/Black	9-3/4"

Cutting and Notching Snips

Journeyman Offset Snip

- Klein Curve® handles
- Soft touch grips



Part #	Mfg #	OAL	Hdl Color	Cut Ptn
TOL03347	J2100L	9-1/2"	Red/Blk	Left/Strt
TOL03348	J2101R	9-1/2"	Grn/Blk	Right/Strt
TOL03349	J2102S	9-1/2"	Yel/Blk	Straight

Wire Stripping & Cutting Tools

Klein-Kurve™ Wire Stripper/Cutter

- Precision shear-type blades
- Clean cuts on solid and stranded copper wire
- Coil spring provides fast self-opening action
- Wire looping and bending holes
- Precision-ground stripping holes
- Screw-shearing holes
- Double dipped comfort grips



Part #	Mfg #	Strips & Cuts
TOL02275	11055	10 - 18 Solid, 12 - 20 Stranded

Long-Nose Multi-Purpose Tool

- Crimps insulated and non-insulated terminals and 7 to 8mm ignition terminals
- Long, curved cutting blade
- Cleanly shears bolts
- Plastic covered cushioned handles



Part #	Mfg #	Strips & Cuts
TOL02279	1010	10 - 22 AWG

Wire Stripper/Cutter - Spring Action

- 6-1/4" Overall length
- Narrow nose fits into tight places
- Do not use for cutting steel wire or bolts



Part #	Mfg #	Strips & Cuts	Hdl Color
TOL02276	11045	10 - 18 Solid	Yellow

High Leverage Pliers

Journeyman™ 2000 Series Diagonal Angled Head Cutter Pliers - Heavy-Duty

- Dual material handles
- Cuts ACSR, screws, nails & most hardened wire
- High leverage



Part #	Mfg #	OAL	Jaw Length	Jaw Width
TOL02599	J2000-48	8-1/2"	13/16"	1-3/16"

NE-Type Side-Cutting Pliers - Streamlined Design

- Plastic dipped handles
- Streamlined design with sure-gripping, cross-hatched knurled jaws
- High leverage



Part #	Mfg #	OAL	Jaw Length	Jaw Width
TOL02259	D213-9NE	9-1/4"	1-19/32"	1-1/4"

Tool Pouches & Bags

Tool Bags

- Orange interior for easy tool visibility
- 1680d Ballistic weave

Tradesman Pro™ Organizer 8" Tote - 20 Pockets

- Removable zipper bag
- Tough, durable feet



Part #	Mfg #	Description
HLD00501	55415-8	(9) Interior Pockets, (11) Exterior Pockets, 8"L x 8"W x 17"H

Tradesman Pro™ Organizer 10" Tote - 40 Pockets

- Removable zipper bag
- Tough, durable feet



Part #	Mfg #	Description
HLD00502	55416-10	(18) Interior Pockets, (22) Exterior Pockets, 10"L x 10"W x 12"H

Tradesman Pro™ Organizer Backpack - 39 Pockets

- Wide opening
- Tough, durable molded bottom
- Large front pocket easily fits fish tapes



Part #	Mfg #	Description
HLD00503	55421-BP	(34) Interior Pockets, (5) Exterior Pockets, 18"H x 14"L x 7"W

Tradesman Pro™ Organizer Extreme Electrician's Bag - 78 Pockets

- Wide center with removable pockets
- Tough, durable molded bottom



Part #	Mfg #	Description
HLD00510	55417-18	(53) Interior Pockets, (25) Exterior Pockets, 19"L x 6.5"W x 16"H

Tradesman Pro™ Organizer ShoulderPouch - 16 Pockets

- Tough, durable rubber feet



Part #	Mfg #	Description
HLD00499	55419-SP	(9) Interior Pockets, (7) Exterior Pockets, 8"L x 5"W x 10"H

Tradesman Pro™ Organizer Ultimate Electrician's Bag - 55 Pockets

- Wide opening
- Tough, durable molded bottom



Part #	Mfg #	Description
HLD00509	55418-19	(2) Interior Pockets, (53) Exterior Pockets, 17.5"L x 10"W x 14"H

Tool Holders

Zipper Canvas Bag

- Model 5140 constructed of No. 8 canvas
- Model 5539CPAK constructed of No. 10 canvas



Part #	Mfg #	Description
HLD00327	5140	Set of 4, 7" x 12-1/2", Olive, Orange, Royal Blue, and Yellow
TOL03369	5539CPAK	Set of 3, 8" x 10" x 3-1/2", Red, Yellow, & Blue

Air Flow Meters

Air Quality Meters

971 Temperature Humidity Meter

- Measures:
 - Temperature range: -20°C to 60°C
 - Relative humidity: 5% to 95%
- Minimum/maximum/average data hold
- (99) Record storage capacity



Part #	Mfg #	Description
MTR00976	FLUKE-971	Temperature Humidity Meter

Anemometers

TMA5 Mini-vane Anemometer

- Measures air velocity, temperature, humidity, dew point, wet bulb, wind-chill and ambient temperature
- Maximum wind speed display
- External temperature probe
- Data hold
- Selectable wind units: KNT, BF, Ft/m, M/h, m/s, km/h



Part #	Mfg #	Description
MTR01193	TMA5	Mini-vane Anemometer

Flow Switches

V7 Series Flotect® Vane Operated Flow Switch

- Pipe size: 1" - 4"
- Magnetic linkage
- Weatherproof, meets NEMA 4X (IP66)
- Rigid and trimmable design for set point adjustment
- Pressure limit: 250 psi
- CE & UL Listed



Part #	Mfg #	Description
SWT03657	V7	Vane Operated Flow Switch

V8 Series Flotect® Vane Operated Flow Switch

- Field adjustable 1" - 6" pipe
- Trimmable vane
- 1" MNPT Connection
- Pressure limit: 150 psig
- CE, CUR & UR Approved



Part #	Mfg #	Voltage
SWT02822	V8	5A at 125/250VAC

Gauges

DigiMag® Digital Differential Pressure and Flow Gauge

- Fits in Magnehelic® gauge cut-out



Part #	Mfg #	Range
GAG01173	DM-1102	0.25"wc

Magnehelic® Differential Pressure Gauge

- Ambient temperature range: 20°F - 140°F
- Pressure limits: -20" Hg - 15 psig
- Accuracy within 2%
- Relief plug opens at approximately 25 psig
- 1/8" NPT Female high and low pressure taps, duplicated (1) pair side and (1) pair back connections



Part #	Mfg #	Range
GAG00805	2001	0 - 1.0"wc
GAG00874	2002	0 - 2.0"wc

Magnehelic Accessories



A-432 Portable Carrying Case Kit

- Combine carrying case with any Magnehelic® gauge of standard range, except high pressure connection

Part #	Mfg #	Description
HDL00953	A-432	Carrying Case for Magnehelic® Standard Range Gauge

Filter Accessory Kit

- Adapts any standard Magnehelic® gauge for use as an air filter gauge.



Part #	Mfg #	Description
KIT07478	A-605	Air Filter Kit

Mounting Bracket



Part #	Mfg #	Description
BRK03548	A-298	Flat Aluminum for Flush Mounting Capsuhelic® Gauge
BRK04002	A-299	Flush Mount for Magnehelic® Gauge

Air Flow Meters

Minihelic II® Differential Pressure Gauge Diaphragm Actuated Dial Type

- Barbed for 3/16" ID tubing
- Safely operates at total pressure up to 30 psig
- Accuracy: +/- 5% of full scale



Part #	Mfg #	Description
GAG01116	2-5002-NPT	0 - 2.0"wc with 1/8" MNPT

Series A3000 Photohelic® Pressure Switch & Gauge

- For air and non-combustible, compatible gases
- Temperature range: 20°F - 120°F
- Pressure ranges: 0 - 0.25"wc up to 30 psi, or single positive pressure to 6000 psig
- 1/8" FNPT
- Gauge unaffected by switch operation
- Lo-limit and hi-limit control
- Each set point has (2) form C relays



Part #	Mfg #	Range
GAG01159	A3002	0 - 0.25"wc



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Series AQT1

Universal Handheld For Buliding Balancing

Priced from \$450.00

- Multiple probes and modules connect to a single base unit to collect and store all measurements on one SD card.
- Wireless probes transmit readings up to 50 feet away, extends the reach of the instruments.
- Display can be configured to read as a gauge, meter, or graph.

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Air Flow Meters

Manometers

Air Velocity Kit with Series 475-1 Manometer

- Range: 0-20.00"wc (4.982 kPa)
- Max pressure: 10 psig
- Includes:
 - Static pressure tips
 - Rubber tubing
 - Pitot tube
 - Step drill
 - Air velocity slide chart
 - Carrying case



Part #	Mfg #	Description
KIT09645	475-1-FM-AV	Manometer Air Velocity Kit

Digital Electronic Manometer

- Continuous display of the measured positive or negative pressure
- Measurements from -19.95" to +19.95" water gauge
- 0.05" WG Resolution
- Large LCD display
- Automatic power-off, long battery life
- Includes 18" tubing and fitting



Part #	Mfg #	Description
TOL02117	78050	Digital Electronic Manometer

Mark III Handheld Digital Manometer

- Large easy to read 0.5" LCD display
- Operates up to 100 hours on (1) 9V battery



Part #	Mfg #	Range	Max Pressure
475-0-FM	475-0-FM	0 - 10.0"wc	5 psig
TOL02233	475-1-FM	0 - 20.0"wc	10 psig
475-2-FM	475-2-FM	0 - 40.0"wc	10 psig
MTR01382	475-3-FM	0 - 200.0"wc	30 psig

Mark II Inclined-Vertical Tube Manometer

- Provides higher ranges with easily read increments at low readings
- Includes:
 - (2) Tubing connectors for 1/8" pipe or sheet metal ducts
 - (2) Mounting screws
 - (3) 3/4 oz Bottle of fluid



Part #	Mfg #	Description
GAG00991	MARK II 25	0 - 3"wc with Red Oil

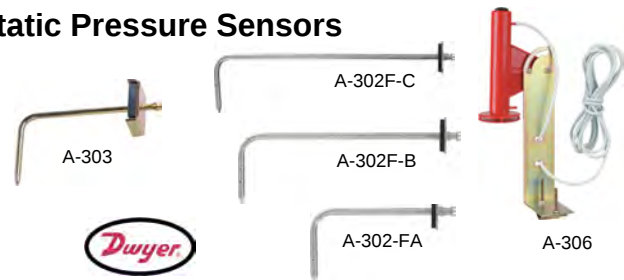
Series 1222 Flex-Tube® U-Tube Manometer

- Includes:
 - (2) Magnetic mounting clips
 - Tube clamp
 - (2) Plastic carrying plugs
 - (2) Flexible plastic tubing connectors for attachment of 3/16" rubber or plastic tubing without kinking



Part #	Mfg #	Description
GAG00989	1222-12-W/M	12"wc with Green Dye Fluid

Static Pressure Sensors



Part #	Mfg #	Description
SEN01277	A-303	Static Pressure Tip, 3" Insertion
SEN02015	A-302F-A	Static Pressure Tip with Flange, 4" Insertion
SEN02016	A-302F-B	Static Pressure Tip with Flange, 6" Insertion
SEN02017	A-302F-C	Static Pressure Tip with Flange, 8" Insertion
SEN01279	A-306	Outdoor Static Pressure Sensor with Vinyl Tubing, Mounting Bracket and Hardware

Carbon Monoxide Detectors

Carbon Monoxide Detectors

SCM3 Carbon Monoxide Detector

- Fast electrochemical sensor helps find CO sources
- Calibrate to ambient quickly with ZERP button
- Audio and visual alarms
- Bright blue backlit dual display
- Magnetic hanger
- Automatic power off
- Battery check (9V)



Part #	Mfg #	Description
MTR01114	SCM3	Measures 0-1,000 PPM

Carbon Monoxide Meter

- Adjustable CO warning level
- Self-test feature
- Auto power off
- CO Gas level alarms: 25/30/35/45/50/70/100 and 200ppm



Part #	Mfg #	Description
MTR01200	CM100	Carbon Monoxide Meter

Carbon Monoxide Tester

- Responds quickly to ambient changes in carbon monoxide concentration without use of a pump



FLUKE

Part #	Mfg #	Description
MTR00837	CO-220	Measures 0-1,000 PPM

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Clamp Meters

Clamp-On Meters

ACD-10 TRMS Plus 600A Clamp Multimeter

- AC & DC Voltage to 600V
- AC Current to 600A
- Continuity buzzer
- Capacitance to 3000uf
- Frequency measurement
- Hold and maximum reading functions
- Overload protected



Part #	Mfg #	Description
MTR01073	ACD-10 TRMS-PLUS	600V, 600A with TRMS Sensing

ACD-14 Digital Clamp-On Multimeter

- Measures micro amps
- Temperature (type k thermocouple)
- Capacitance to 3000μF
- Diode test



ACD-14 PLUS ACD-14

Part #	Mfg #	Description
MTR01147	ACD-14 TRMS-PLUS	600V, 600A with TRMS Sensing
MTR01194	ACD-14 PLUS	600V, 600A

ACD-21SW Swivel Clamp Meter

- Measures AC current up to 400 ACA, AC/DC voltage up to 600V, resistance and capacitance
- 180° Rotating head
- Non-contact voltage detection
- Temperature measurement
- Audible continuity
- Auto and manual ranging respectively for quick checks and precise measurements
- Data hold



Part #	Mfg #	Description
MTR01196	ACD-21SW	Swivel Clamp Meter

ACD-22SW True RMS Swivel™ Clamp Meter with VolTect™

- 180° Rotating head
- Advanced VolTect™ non-contact voltage detection
- AC Current measurement: 400 ACA
- Voltage measurement: 600V resistance and capacitance
- Audible continuity
- Data hold



Part #	Mfg #	Description
MTR01187	ACD-22SW	Swivel Clamp Meter with True RMS and VolTect™

ACD-23SW True RMS Swivel™ Clamp Meter with Temperature and VolTect™

- 180° Rotating head
- Advanced VolTect™ non-contact voltage detection
- Slim jaw design
- AC Current measurement: 400 ACA
- Voltage measurement: 600V resistance and capacitance
- Temperature measurement
- Auto and manual ranging
- Data hold



Part #	Mfg #	Description
MTR01188	ACD-23SW	Swivel Clamp Meter with True RMS, Temperature Measurement and VolTect™

AD40B Mini-Clamp Ammeter

- 400A AC Range
- Maximum jaw opening: 25.4mm
- 4000 Count display with bar graph
- Auto ranging
- Data hold
- 10mA Resolution



Part #	Mfg #	Description
MTR01405	AD40B	Mini-Clamp Ammeter

Clamp Meters

Current Clamp Accessory

- AC/DC Current clamp, 20A
- Special low current version
- Zero adjust knob
- Attached leads and users manual



Part #	Mfg #	Description
MTR01403	CT238A	AC/DC Current Clamp

Clamp Meters

CL200 Professional Series Clamp Meter

- Worklights illuminate dark work spaces
- Backlit display
- Diode and continuity tests
- Includes test leads, batteries, case and thermocouple
- Measures temperature, frequency and capacitance
- Data hold captures measurements in any situation
- 8.2"H x 3"W x 1.4"D
- CAT III 600V



Part #	Mfg #	Description
TOL03673	CL200	1" Jaw, 600A AC w/Thermocouple

CL1100 AC Clamp Meter with Temperature

- Auto-ranging
- Measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle and temperature
- Includes case, test leads, thermocouple, and batteries
- Backlit display and worklight
- Magnetic mount and lead storage
- Non-contact voltage tester
- Analog bar graph
- Temperature
- 8.875"H x 3.375"W x 1.5"D
- CAT III 600V



Part #	Mfg #	Description
TOL03716	CL1100	400A AC

CL1300 Clamp Meter with Temperature

- Auto-ranging
- Measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle and temperature
- Also tests non-contact voltage, diodes, and continuity
- Includes test leads, batteries, case and thermocouple
- Backlit display and work light
- Magnetic mount and lead storage
- Non-contact voltage tester
- Analog bar graph
- Temperature
- 7.65"H x 2.56"W x 1.375"D
- CAT IV 600V



Part #	Mfg #	Description
MTR01396	CL1300	600A AC

CL2100 TRMS Clamp Meter with Temperature

- Auto-ranging
- Measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle, and temperature. Also tests non-contact voltage, diodes and continuity
- True RMS; DC Current
- Backlit display and worklight
- Magnetic mount and lead storage
- Non-Contact Voltage Tester
- Analog bar graph
- Temperature
- Includes case, test leads, thermocouple, and batteries
- 8.875"H x 3.375"W x 1.5"D
- CAT III 600V



Part #	Mfg #	Description
TOL03717	CL2100	400A AC/DC

Clamp Meters

CL2300 AC/DC TRMS Clamp Meter with Temperature

- True RMS, auto-ranging
- Measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle, and temperature
- Also tests non-contact voltage, diodes, and continuity
- Backlit display and worklight
- Magnetic mount and lead storage
- Non-contact voltage tester
- Analog bar graph
- Temperature
- CAT IV 600V



Part #	Mfg #	Description
MTR01397	CL2300	600A AC/DC

Clamp Meters

- Includes:
 - Padded case (ANC7)
 - Silicone test leads
 - Battery (installed)
 - Operator's manual

SC Clamp Meter

- For HVAC/R
- K-Type thermocouple plugs in directly
- Microamps for flame rectifier diode tests
- Capacitance for motor-run and motor-start capacitors
- Installed fuse
- Hi-voltage indicator
- Non-contact voltage
- Automatic power off



Part #	Mfg #	Description
MTR00827	SC66	Manual Ranging Clamp Meter

SC Mini Clamp Meter

- Non-contact voltage
- Thermocouple plugs in directly for accurate readings
- Wire-Grabbing jaw
- For motor-run and motor-run capacitors
- True RMS
- Automatic power off to extend battery life



Part #	Mfg #	Description
MTR00983	SC46	Mini Clamp Meter w/Backlight

SC53 Dual-Display Clamp Meter

- Direct thermocouple plugs
- Wire grabbing jaw
- Automatic power off
- Non-contact voltage alert



Part #	Mfg #	Description
TOL02951	SC53	Dual-Display Clamp Meter

SC54 Swivel Clamp Meter

- 180° Swivel-head clamp
- True RMS, backlight display, LED flashlight
- Packed with HVACR measurements
- Withstands harsh HVACR conditions
- Works wirelessly with Fieldpiece accessory heads
- Non-contact voltage alert



Part #	Mfg #	Description
MTR01386	SC54	Swivel-Head Clamp Meter

Clamp Meters

SC56 Swivel-Head Clamp Meter

- 180° Swivel-head clamp
- Dual displays
- True RMS, backlight display, LED flashlight
- Rugged design
- Calibrates K-type thermocouple
- Deluxe silicone test leads
- Removable probe tips
- Alligator clips for grounding
- Celcius and Fahrenheit displayed together
- Inrush current
- Wire grabbing jaw
- Automatic power off
- Non-contact voltage alert
- Auto-ranging function



Part #	Mfg #	Description
MTR01143	SC56	Swivel-Head Clamp Meter

SC57 Wireless Swivel-Head Clamp Meter

- 180° Swivel-head clamp
- True RMS, backlight display, flashlight
- Rugged construction
- Calibrates K-type thermocouples
- Wireless measurements
- Automatic power off
- Non-contact voltage alert
- Auto-ranging function



Part #	Mfg #	Description
MTR01385	SC57	Wireless Swivel Head Clamp Meter

SC76 / SC77 Expandable Clamp Meter

- Non-contact voltage for HVAC/R
- Works with Fieldpiece heads
- Microamps for flame rectifier diode tests
- Capacitance for motor-run and motor-start capacitors
- Hi-voltage indicator
- Automatic power off to extend battery life
- Includes:
 - Clamp meter
 - K-Type thermocouple
 - Silicone test leads
 - 9V Battery (installed)
 - Meter case



Part #	Mfg #	Description
MTR00860	SC76	Auto-Ranging with Temperature and Capacitance
MTR00989	SC77	Auto-Ranging True RMS Clamp Meter w/Temperature, Capitanace and Backlight

Clamp Meters

320 Series Clamp Meter

- Measures:
 - AC Amps
 - AC/DC Volts
 - Resistance
 - Continuity
- Operating temperature: -10°C to 400°C
- Safety rating: CAT III 600V, CATIV 300V



FLUKE

Part #	Mfg #	Description
MTR01392	FLUKE-323	400A, 600VAC/DC
MTR01393	FLUKE-324	400A, 600VAC/DC w/Temperature and Capacitance Measurement
MTR01388	FLUKE-325	400A, 600VAC/DC w/DC Current & Frequency Measurements

Clamp Meters

322 Clamp Meter

- Verifies presence of load current, AC voltage and continuity of circuits, switches, fuses and contacts
- Ideally suited for current measurements up to 400A
- Measure DC voltage and has a higher resolution for loads below 40A
- Safety rating: IEC 1010-2-032, 600V CATIII

FLUKE.



Part #	Mfg #	Description
MTR00832	FLUKE-322	400A, 400VAC/DC

355 True-RMS AC/DC Clamp Meter

- High current clamp-on amp meter measurement up to 2000A
- Display backlight
- Motor start-up current
- CAT IV 600V, CAT III 1000V Rated

FLUKE.



Part #	Mfg #	Description
MTR01363	FLUKE-355	2000A, 600VAC/DC

376 True-RMS AC/DC Clamp Meter with iFlex™

- Measures:
 - AC/DC Amps
 - AC/DC Volts
 - Ohms
 - Motor start-up current
- Includes:
 - Test leads (TL75)
 - iFlex flexible current probe (376)
 - Soft carrying case
 - (2) AA Alkaline batteries
- 3-Year warranty

FLUKE.



Part #	Mfg #	Description
MTR01150	FLUKE-376	1000A, 1000VAC/DC with iFlex™ Probe

381 Remote Display True RMS AC/DC Clamp Meter with iFlex™

- Removable display allows remote display 30' away from measurement point
- Built-in flashlight
- Measures:
 - AC/DC Volts
 - AC/DC Amps
- Operating temperature: -40°C to 50°C
- Includes:
 - 18" iFlex™ flexible current probe (381)
 - Coated instruction card
 - Safety information sheet
 - Soft carrying case
 - Test leads (TL75)
 - (5) AA Alkaline batteries
- 3-Year warranty

FLUKE.



Part #	Mfg #	Description
MTR01149	FLUKE 381	200A, 600VAC/DC

902 True RMS HVAC Clamp Meter

- Troubleshoot compressor motor faults
- Measures:
 - Capture flue gas temperatures
 - Conduct flame rod testing
 - Start and run motor capacitors
 - Supply and load side current and voltage
 - Variable frequency drives
 - Resistance
 - Continuity
- Includes:
 - (2) AA Alkaline batteries
 - Soft carrying case
 - 1-Pair test leads (TL75)
 - (1) Integrated DMM temperature probe (80BK)

FLUKE.



Part #	Mfg #	Description
CMP01107	FLUKE902	600A, 600VAC/DC

Digital Multimeters

CNX Wireless System

- Monitors multiple measurement points at the same time from a single location
- Remote, simultaneous and recordable measurement capabilities improve productivity and safety

Fluke CNX 3000 Wireless Multimeter

- Displays meter measurement and readings from up to 3 wireless modules up to 20 meters away
- True-RMS wireless multimeter
- AC/DC Voltage measurements to 100V
- AC/DC Current with 0.01 mA resolution
- Continuity, resistance, diode test, capacitance and frequency measurements
- MIN/MAX Recording
- Includes:
 - Test leads (TL175)
 - Alligator clips (AC175)
- CAT III 1000V, Cat IV 600V; IP54



Part #	Mfg #	Description
MTR01415	FLK-CN3000	Digital Multimeter

CNX iFlex AC Wireless Current Module

- True-RMS current meter
- AC Current measurements: Up to 2500A
- Wirelessly relays measurements to CNX 3000 wireless multimeter
- Allows measurement around awkward sized conductors and makes wire access easier
- Memory recording up to 65,000 readings
- Backlit LCD display
- 3% Accuracy
- CAT IV 600, CAT III 1000V

FLUKE.



Part #	Mfg #	Description
MTR01416	FLK-CN3000	AC Current Module

CNX A3000 AC Wireless Current Clamp Module

- True-RMS current clamp meter
- AC Current measurements: up to 400A
- Wirelessly relays measurements to CNX 3000 wireless multimeter or to laptop with optional wireless PC adapter
- 2% Accuracy to 100Hz, 2 - 1-1/2% accuracy to 500Hz
- Memory recording up to 65,000 readings
- Backlit LCD display
- CAT III 600V; IP42



FLUKE.

Part #	Mfg #	Description
MTR01417	FLK-CN3000	AC Current Clamp Module

CNX V3000 ACWireless Voltage Module

- True-RMS AC voltage measurements up to 1000V
- Wirelessly relays AC voltage measurements to CNX wireless multimeter
- +/- 1% Accuracy to 500Hz, +/- 2% accuracy to 1kHz
- Memory recording up to 65,000 readings
- Backlit LCD display
- CAT IV 600V, CAT III 1000V; IP42



FLUKE.

Part #	Mfg #	Description
MTR01418	FLK-CN3000	AC Voltage Module

CNX T3000 K-Type Wireless Temperature Module

- Wirelessly relays measurements to CNX 3000 wireless multimeter or PC
- Temperature range: -200° - 1372°C
- +/- 0.5% Accuracy
- Memory recording up to 65,000 readings
- Backlit LCD display
- IP30



FLUKE.

Part #	Mfg #	Description
MTR01419	FLK-CN3000	K-Type Temperature Module

Digital Multimeters

CNX Wireless PC Adapter and Software

- Includes CNX SW3000 software to wirelessly manage and communicate with CNX modules
- SW3000 Windows-based software allows real-time display measurements from up to 10 CNX modules per PC adapter
- Software allows real time graphing of individual module readings
- Software requirements: SW3000 will support up to two PC3000 PC adapters
- OS Compatibility: Windows XP or later



Part #	Mfg #	Description
MTR01420	FLK-CN3000	PC Adapter

CNX Wireless Industrial System

- Includes:
 - CNX 3000 Wireless multimeter
 - CNX V3000 AC wireless voltage module
 - (3) CNX i3000 iFlex AC Wireless current probes
 - (3) iFlex i2500-10 Flexible current probes
 - CNX PC3000 Wireless PC adapter and software
 - Test Leads (TL224)
 - Test Leads (TL175)
 - Alligator clips (AC175)
 - Alligator clips (AC285)
 - (4) Magnetic hanging straps

FLUKE



Part #	Mfg #	Description
MTR01421	FLK-CN3000 IND	Industrial System Kit

CNX Wireless General Maintenance System

- Includes:
 - CNX 3000 Wireless multimeter
 - CNX V3000 AC Wireless voltage module
 - CNX i3000 iFlex AC Wireless current module
 - iFlex i2500-10 Flexible current probe
 - CNX PC3000 Wireless PC adapter and software
 - Test leads (TL224)
 - Test leads (TL175)
 - Alligator clips (AC175)
 - Alligator clips (AC285)
 - (2) Magnetic hanging straps
 - Soft carrying case

FLUKE



Part #	Mfg #	Description
MTR01422	FLK-CN3000 GM	General Maintenance System Kit

CNX Wireless HVAC System

- Includes:
 - CNX 3000 Wireless multimeter
 - CNX A3000 AC Wireless current clamp module
 - CNX T3000 K-Type wireless temperature module
 - CNX PC3000 Wireless PC adapter and software
 - Test leads (TL175)
 - Alligator clips (AC175)
 - K-Type bead thermocouple
 - Magnetic hanging strap
 - Soft carrying case



Part #	Mfg #	Description
MTR01423	FLK-CN3000 HVAC	HVAC System Kit

CNX Wireless Basic Kit with T3000

- Includes:
 - CNX 3000 Wireless multimeter
 - CNX T3000 K-Type wireless temperature module
 - Test leads (TL175)
 - Alligator clipx (AC175)
 - K-Type bead thermocouple
 - Magnetic hanging strap
 - Soft carrying case



Part #	Mfg #	Description
MTR01424	FLK-CN3000 T3000	T3000 Kit

CNX Wireless Basic Kit with A3000

- Includes:
 - CNX 3000 Wireless multimeter
 - CNX A3000 AC Wireless current clamp module
 - Test leads (TL175)
 - Alligator clips (AC175)
 - Soft carrying case



Part #	Mfg #	Description
MTR01426	FLK-CN3000 A3000	A3000 Kit

Digital Multimeters

CNX Wireless Basic Kit with I3000

- Includes:
 - CNX 3000 Wireless multimeter
 - CNX i3000 iFlex AC Wireless current module
 - Test leads (TL175)
 - iFlex i2500-10 Flexible current probe
 - Alligator clips (AC175)
 - Magnetic hanging strap
 - Soft carrying case



FLUKE.

Part #	Mfg #	Description
MTR01425	FLK-CN3 I300	I3000 Kit

CNX C3000 Premium Modular Tool Bag

- Webbed bag for customizable carrying system when used with other CNX modular cases



FLUKE.

Part #	Mfg #	Description
CAS01990	FLK-CN3 C3000	Premium Modular Tool Bag

CNX Wireless Basic Kit with V3000

- Includes:
 - CNX 3000 Wireless multimeter
 - CNX V3000 AC Wireless voltage module
 - Test leads (TL224)
 - Alligator clips (AC175)
 - Alligator clips (AC285)
 - Magnetic hanging strap
 - Soft carrying case



FLUKE.

Part #	Mfg #	Description
MTR01427	FLK-CN3 V3000	V3000 Kit

CNX C3001 Modular Small Case

- Compatible with Fluke CNX wireless modules and Fluke CNX C3000 premium modular tool bag



FLUKE.

Part #	Mfg #	Description
CAS01991	FLK-CN3 C3001	Module Soft Case

Tools

FLUKE CNX WIRELESS TEAM.
CHANGING THE GAME.

Wireless modules
The team. Fluke CNX tools work together. Remotely. Simultaneously. Conveniently.

↓

Wireless multimeter
The captain. Displays multiple readings in real time, at the same time, on one screen.

↓

Fluke software
The statistician. Transfer recorded data to your computer, and easily create analyses and reports.

FLUKE

Learn more: fluke.com/CNX

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Digital Multimeters

CNX C3002 Modular DMM 2-Compartment Soft Case

- Compatible with Fluke CNX wireless multimeter
- Inner pocket and carrying handle
- Can be attached to CNX C3000 premium modular tool bag

FLUKE.



Part #	Mfg #	Description
CAS01992	FLK-CNXC3002	2-Compartment Soft Case

CNX C3003 Modular 3-Compartment Soft Case

- Compatible with Fluke CNX wireless modules and meters
- (3) Adjustable compartments, inner pocket, and carrying handle

FLUKE.



Part #	Mfg #	Description
CAS01993	FLK-CNXC3003	3-Compartment Soft Case

Current Clamps

i400 AC Current Clamp

- Companion to your DMM
- 1mA/Amp Output guarantees easy reading on your meter
- Only current clamp available with a CAT IV 600V / CAT III 1,000V safety rating
- Specially designed to offer maximum utility in a very compact shape
- Take accurate current readings without breaking the circuit
- Soft non-slippery overmold handle prevents from accidental touching live wiring
- Maximum conductor Ø 32mm

FLUKE.



Part #	Mfg #	Description
CMP01089	i400	400A AC, 1,000:1 Ratio

Digital Multimeters

37XR-A True RMS Digital Multimeter

- Backlight, true RMS with component and logic test
- Inductance to 40H, frequency to 40MHz, capacitance to 400uf, logic to 20MHz
- 10A AC/DC, fully safety fused
- Continuity beeper
- Minimum and maximum, average relative, peak, and data hold
- Operating temperature: 0°C - 45°C at < 70% RH

AMPROBE.



Part #	Mfg #	Description
MTR01407	37XR-A	Digital Multimeter with Component Logic Test

AM-220 Compact Multimeter

- Measures AC/DC voltage up to 600V, AC/DC current up to 10A, resistance, capacitance, frequency and duty cycle
- AC/DC Micro amps for sensors diagnosis
- Data hold
- Diode test
- Audible continuity test
- Auto and manual ranging
- Safety: CAT III 600V

AMPROBE.



Part #	Mfg #	Description
MTR01406	AM-220	Digital Multimeter

AM-520 HVAC Multimeter

- Measures voltage up to 750VAC and 1000VDC, AC/DC current, resistance, frequency capacitance and temperature
- Built-in flashlight and test leads storage
- Data hold
- Diode test
- Audible continuity
- VolTech Plus™ Non-contact voltage detection

AMPROBE.



Part #	Mfg #	Description
MTR01381	AM-520	HVAC Multimeter



Digital Multimeters

PM55A Pocket Multimeter with VolTech™ Non-Contact Voltage Detection

- Measures AC/DC current, capacitance, frequency, continuity with beeper
- VolTech™ non-contact voltage detector
- AutoTect™ feature directs the meter to know if it is measuring AC or DC volts or resistance with no user interface



Part #	Mfg #	Description
MTR01215	PM55A	600VAC

LT16A True-RMS Meter

- Volts, ohms, amps, continuity
- MFD For motor start/run capacitors
- Frequency for variable frequency drives
- Maximum and minimum to record highs and lows
- Phase rotation indication for 3-phase motor connection
- Backlight
- Includes:
 - True-RMS meter
 - 400A AC Accessory clamp (ACH4)
 - Leads
 - Alligator clips (ASA2)
 - Carrying case (ANC5)



Part #	Mfg #	Description
TOL02677	LT16A	For Working with Motors & Electrical Equipment

SDMN5 Dual Port Manometer

- Measures inches WC, mmWC, mBar, and psi
- Rugged rubber boot
- "Min/Max" and "hold" indicators
- Automatic power off
- Accuracy: +/-1.5% FS
- Range: 0.00 to +/-60.0
- Resolution: 0.01"wc



Part #	Mfg #	Description
MTR00975	SDMN5	Dual Port Manometer

SPDM-1 Pocket Digital Multimeter

- Leads store within the meter casing
- The back folds open for lead storage
- Non-contact voltage
- Volts AC/DC
- Ohms
- Continuity
- Diode test
- "Hold" function
- Auto-ranging



Part #	Mfg #	Description
MTR00948	SPDM-1	Meter w/NCV

Standalone Superheat and Subcooling

- For AC and refrigeration
- Select R-134A, R-404A, R-410A, or R-22
- Now accepts K-Type thermocouples
- Thermocouple calibration pot
- Atmosphere pressure calibration
- Includes:
 - Magnetic hanger
 - "T"
 - K-Type thermocoupler (ATC1)



Part #	Mfg #	Description
TOL02702	SSX34	Superheat and Subcooler Checker

Wireless Digital Multimeter

- Designed for HVACR field service
- Receives measurements wirelessly from any Fieldpiece accessory heads when they are connected to the wireless transmitter included
- Measure wirelessly up to 75' away
- Continuity LED and beeper
- Silicone leads with detachable probe tips
- Tilt stand and magnetic hanger
- Maximum and minimum hold



Part #	Mfg #	Description
TOL03728	LT17AW	Wireless Digital Multimeter

Digital Multimeters

87V Series Digital Multimeter

- Adjustable speed motor drive test function
- Display back lighted LCD
- Counts 6000/20000, basic DC accuracy 0.05%, auto ranging

FLUKE.



Part #	Mfg #	Description
MTR00940	FLUKE-87-5	6,000 Digital Display/Count

113 Utility Digital Multimeter

- Voltage: 600 AC, 600 DC
- Resistance: 60 K Ohms
- Basic DC accuracy 0.5% + 2
- True RMS
- Auto ranging

FLUKE.



Part #	Mfg #	Description
MTR01349	FLUKE-113	6,000 Digital Display & Count with Backlight

116 Digital Multimeter

- Microamps to test flame sensors
- Low input impedance
- Measures:
 - 600VAC/DC
 - Resistance
 - Continuity
 - Frequency
 - Capacitance
- Minimum/maximum/average with elapsed time to record signal fluctuations
- CAT III 600V Safety rated

FLUKE.



Part #	Mfg #	Temperature Range
MTR01022	FLUKE-116	-10°C - 50°C

170 Digital Multimeter

- True RMS AC voltage and current for accurate readings
- Minimum, maximum and average recording
- Measures:
 - 1,000VAC/DC
 - 10A AC/DC
 - Capacitance
 - Resistance capabilities

FLUKE.



Part #	Mfg #	Temperature Range
MTR00834	Fluke-179ESFP	-10°C - 50°C

233 True RMS Remote Display Multimeter

- Removable display allows remote display 30' away from measurement point
- Measures:
 - 1,000VAC/DC
 - 10A AC/DC
 - Continuity
 - Diodes
 - Resistance
 - Frequency
- Built-in thermometer

FLUKE.



Part #	Mfg #	Temperature Range
MTR01140	FLUKE233	-40°C - 400°C

Digital Multimeters

289 True RMS Industrial Logging Multimeter with Trend Capture

- Logging function with expanded memory for unattended monitoring of signals over time
- Save multiple logging sessions before PC download is necessary
- (2) Terminal 50 ohm range with 1 milliohm resolution, 10mA source current
- Low pass filter for accurate voltage and frequency measurements on adjustable speed motor drives and other electrically noisy equipment
- Measures:
 - 1,000VAC/DC
 - 10A AC/DC
 - Resistance
 - Capacitance
 - Frequency
- LoZ Volts
- On board help screen
- Withstands hazardous 8,000V spikes caused by load switching and faults on industrial circuits

FLUKE.



Part #	Mfg #	Temperature Range
MTR01079	FLUKE 289	-200°C - 1350°C

1587 Insulation Multimeter

- Multiple test voltages
- Live circuit detection prevents insulation test if voltage greater than 30V is detected
- Auto-discharge of capacitive voltage for added user protection
- Measures:
 - 1,000VAC/DC
 - 400 mA AC/DC
 - Resistance
 - Continuity
 - Capacitance
 - Diode test
 - Minimum/maximum
 - Frequency
- Filter for motor drive measurements
- CAT III 1,000V, CAT IV 600V Measurement category

FLUKE.



Part #	Mfg #	Temperature Range
MTR00954	FLUKE1587	-40°C - 537°C

1587/MDT Advanced Motor & Drive Troubleshooting Kit

- Specifically selected for both troubleshooting and preventative maintenance applications
- Includes:
 - Insulation multimeter (1587)
 - Current clamp(i400)
 - Phase rotation indicator (9040)



FLUKE.

Part #	Mfg #	Description
KIT14671	FLUKE-1587 MDT	Advanced Motor & Drive Troubleshooting Kit

Digital Insulation Resistance Tester

- Combines a digital insulation tester with a RMS digital multimeter
- Maximum 1000V
- 1-Year warranty

FLUKE.



Part #	Mfg #	Description
MTR00977	FLUKE-1507	Multimeter, Insulation Tester

Auto Ranging Multimeter

- Backlit display
- Measures AC/DC voltage to 600V
- Measures AC/DC current to 10A
- Measures capacitance, temperature, and frequency
- CAT III 600V

KLEIN TOOLS



Part #	Mfg #	Description
TOL03689	MM200	Auto Ranging



Digital Multimeters

Electrician's/HVAC Multimeter

- Auto ranging multimeter measures AC/DC voltage, AC/DC current, resistance, capacitance, frequency, duty cycle and temperature
- Tests diodes and continuity
- Auto-ranging voltage measurement
- Measures AC/DC voltage to 1000V
- Measures AC/DC current to 10A
- Backlit display; analog bar graph
- Includes Klein case, thermocouple, test leads and battery
- CAT IV 600V



Part #	Mfg #	Description
MTR01401	MM1300	Electrician's/HVAC

Electrician's/HVAC TRMS Multimeter

- True RMS auto-ranging multimeter measures AC/DC voltage, low impedance voltage, AC/DC current, resistance, capacitance, frequency, duty cycle and temperature
- Test diodes and continuity
- True RMS measurements. Low Impedance
- Measures AC/DC voltage to 1000V
- Measures AC/DC current to 10A
- Backlit display
- Analog bar graph
- Includes Klein case, thermocouple, test leads and batteries
- CAT IV 600V



Part #	Mfg #	Description
MTR01402	MM2300	Electrician's/HVAC TRMS

Manual Ranging Multimeter

- Battery test function
- Measures AC/DC voltage to 600V
- Measures DC current to 10A
- Includes test leads and battery
- CAT III 600V



Part #	Mfg #	Description
MTR01404	MM100	Manual Ranging

Multimeter Combo Kits

116/322 HVAC Multimeter & Clampmeter Combo Kit

- Includes:
 - Multimeter with thermometer (116)
 - Compact clamp meter (322)
 - Hard point test lead set (TL75)
 - ToolPak™ Magnetic meter hanging strap (TPAk)
 - Deluxe carrying case with shoulder strap (C115)
 - Flexible pipe clamp thermocouple (80PK-11)
 - Thermocouple adapter (80AK)
 - Thermocouple bead probe (80PK-1)
- Warranty: Fluke-116, 3-year; 322, 2-year; accessories, 1-year



Part #	Mfg #	Description
KIT14849	FLUKE 116/322	Combo Kit

179/IMSK Industrial Multimeter Service Combo Kit

- Includes:
 - Multimeter with a built-in thermometer (179)
 - AC 400A Current Clamp(322)
 - 80BK-A thermocouple bead probe
 - Test leads (TL75)
 - Alligator Clips (AC72)
- Limited lifetime warranty



Part #	Mfg #	Description
MTR01362	FLUKE-179/IMSK	Multimeter Combo Kit

Digital Multimeters

Fieldpacks

HS36 Midsize Gas Fieldpack

- Includes:
 - EHD11 Electric handle
 - HS36 True RMS stick multimeter with backlight less case
 - ADA2 Dual alligator clips
 - ASA2 Small alligators (pr)
 - AQK3 Flame diode kit AQC2+AQP1
 - ADLS2 Silicone deluxe
 - Velcro strip attaches ATB1 to pipe
 - ANC3 Briefcase
 - ATA1 Thermocouple with alligator clip
 - ATWB1 Wet bulb thermocouple with alligator clip
 - ATC1 3/8" - 1-3/8" Small pipe clamp thermocouple
 - ACH4 400A AC Clamp head
 - ATB1 Bead tip thermocouple
 - ACM3 Carbon monoxide head
 - AMN2 Manometer head
 - ARH4 %RH, WB, dew point, air temperature head
 - AVG2 Vacuum gauge head



Part #	Mfg #	Description
TOL02591	HS36K19G	Midsize Gas Fieldpack

HVAC/R Data Logger Gas Fieldpack

- Includes:
 - EHD11 Electronic handle
 - DL3 Data logger with accessories less case
 - HS36 True RMS stick multimeter with backlight less case
 - SMG5 Megger with case and leads
 - ADA2 Dual alligator clips
 - ASA2 Small alligators (pr)
 - AQK3 Flame diode kit AQC2+AQP1
 - Silicone deluxe
 - Velcro strip attaches ATB1 to pipe
 - ANC3 Briefcase
 - ATA1 Thermocouple with alligator clip
 - ATWB1 Wet bulb thermocouple with alligator clip
 - ATB1 Bead tip thermocouple
 - AAV3 Air velocity temperature head
 - ACM3 Carbon monoxide head
 - AMN2 Manometer head
 - ARH4 %RH, WB, dew point and air temperature head
 - ASX14 Superheat & subcooling head for A/C
 - ATIR3 Infrared temperature head
 - AVG2 Vacuum gauge head
 - AVH1 Volt head
 - PLM2 Mirror with LED light
 - PMG2 Lighted magnet tool



Part #	Mfg #	Description
TOL02615	HS36K35G	HVAC/R Data Logger Gas Fieldpack

Fieldpiece Mega Pack

- Includes
 - EHD11 Electronic handle
 - HG2 HVAC Guide® system analyzer with accessories less case
 - HS36 True RMS stick multimeter with backlight less case
 - SMG5 Megger with case and leads
 - ADA2 Dual alligator clips
 - ASA2 Small alligators (pr)
 - AQK3 Flame diode kit AQC2+AQP1
 - ADLS2 Silicone deluxe
 - Velcro strip attaches ATB1 to pipe
 - ANC3 Briefcase
 - ATA1 thermocouple with alligator clip
 - ATWB1 Wet bulb thermocouple with alligator clip
 - ATC1 3/8" - 1-3/8" Small pipe clamp thermocouple
 - ATB1 Bead tip thermocouple
 - AAV3 Air velocity and temperature head
 - ACH4 400A AC Clamp head
 - ACM3 Carbon monoxide head
 - ADMN2 Dual-port manometer
 - AOX2 %CO and %O2, and temperature head
 - ASX14 Superheat & subcooling head for A/C
 - ATH4 Dual temperature head
 - ATIR3 Infrared temperature head
 - AVG2 Vacuum gauge head
 - PLM2 Mirror with LED light
 - PMG2 Lighted magnet tool



Part #	Mfg #	Description
TOL03427	HS36K40	Fieldpiece Mega Pack

Handles & Adapters

EHD11 Electronic Handle

- Resolution: 0.1 mV
- Accuracy VDC: +/- (0.5%rdg + 1dgt)
- Accuracy VAC: +/- (1.2%rdg + 3dgt) 50 - 500Hz
- Overload protection: 30VDC or 24VAC



Part #	Mfg #	Description
HDL00886	EHD11	Electronic Handle

Digital Multimeters

EH4W Wireless Electronic Handle

- Includes ET2W wireless transmitter
- Wireless range: Up to 75'
- Wireless frequency: 910MHz - 920MHz
- Display: 5000 count FSTN LCD
- Measurement rate: 2.5 times per second, nominal
- Battery life: 200 hours typical with alkaline
- Operating environment: 32°F - 122°F at <70% relative humidity



Part #	Mfg #	Description
MTR01340	EH4W	Wireless Electronic Handle

HVAC Guide® System Analyzers

HVAC Guide® System Analyzer

- Guides field technicians step-by-step through most common and important HVAC system tests
- Upload data to PC via USB
- Test multiple parameters with one instrument
- Prints work orders
- Includes:
 - HVAC Guide System Analyzer (HG2)
 - Dual temperature head (ATH4)
 - Wet bulb thermocouple (ATWB1)
 - Dry bulb thermocouple (ATA1)
 - Padded case (ANC5)
 - USB Cable
 - PC Software
 - Operator's manual



Part #	Mfg #	Description
TOL03325	HG2	Diagnostic Meter

Wireless HVAC Guide® System Analyzer

- Accurately diagnose systems with real-time data
- 12 Wireless parameters for live analysis
- Multi-parameter data logging
- Eliminates measurement reconnections
- Monitors system while making adjustments
- Easy, one-time set up
- Holds up to 200 tests on internal memory
- Includes
 - Wireless HVAC guide (HG3)
 - Wireless handle (ET2W)
 - Dual temperature accessory head (ATH4)
 - Dry bulb thermocouple (ATA1)
 - Wet bulb thermocouple (ATWB1)
 - CD to download software
 - Computer cable to transfer data
 - Nylon carrying case (ANC8)



Part #	Mfg #	Description
MTR01330	HG3	Wireless System Analyzer

Laser Distance Meters

- Instant measurement with one-button operation
- Quick calculation of area and volume
- Easy addition and subtraction of measurements
- Designed for indoor and outdoor use
- Includes:
 - (2) AAA Alkaline batteries
 - Carrying pouch
- 2-Year warranty

FLUKE



Part #	Mfg #	Description
MTR01113	FLUKE-411D	Measures to 100' with .12" Accuracy
MTR01389	FLUKE-414D	Measures to 165' with .08" Accuracy
MTR01394	FLUKE-419D	Measures to 260' with .04" Accuracy
MTR01395	FLUKE-424D	Measures to 330' with .04" Accuracy

Digital Multimeters

The Right Tools For HVACR Professionals



Fieldpiece is the HVACR industry's leading innovator with advancements in test tools such as:

- HVAC Guide® System Analyzers
- Leak Detectors
- Wireless Digital Manifold
- Wireless System Analyzer
- Wireless Refrigerant Scale
- Digital Manifolds
- Wireless Multimeter
- Wireless Clamp Meter

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Test Tools HVACR Pros Trust

Digital Multimeters

Stick Meters

HS36 Stick Style DMM

- True RMS
- Auto-ranging
- Microamps for flame rectifier diode tests
- For variable frequency drives
- Thermocouple plugs in directly
- Non-contact voltage
- For motor-run and motor-start capacitors
- Backlight
- Includes:
 - Rubberized case with magnetic hanger
 - 400A AC Clamp head
 - Deluxe silicone test leads
 - Alligator clips
 - K-Type thermocouple
 - Batteries
 - Operator's manual
 - RFM66 Fuse



Part #	Mfg #	Description
KIT09516	HS36	Stick Meter

Sound Meters

SM-10 Sound Meter

- A & C Weightings for checking compliance with safety regulations and acoustic analysis
- Measuring ranges: A weighting 30 - 130 dB, C weighting 35 - 130 dB
- Frequency range: 31.5Hz - 8kHz
- Display with 0.1 dB steps on 4 digit LCD
- Data hold



Part #	Mfg #	Description
SM-10	SM-10	Sound Meter

Accessory Heads

Air Velocity with Temperature Head

- Displays velocity feet per minute, meters per second, MPH and KM per hour
- Displays temperature in °F or °C



Part #	Mfg #	Description
HED00696	AAV3	Anemometer Head

Carbon Monoxide Detector Head

- Measures CO in air and finds CO sources
- Operating temperature: 32° to 105 °F
- Three pin sensor for better performance
- Optional Pump (ACMP3)
- Automatic power off can be disabled for data logging
- Range: 0 to 1,000 ppm (2,000 ppm with 5 minute exposure time)



Part #	Mfg #	Description
HED00650	ACM3	Carbon Monoxide Head

400A Clamp Accessory Head

- Works with any Fieldpiece expandable DMM, instrument, handle or any DMM with mVDC ranges and industry standard jacks
- Remote the amp clamp for hard to reach areas using deluxe silicone leads with detachable probe tips (ADLS2)
- Angled jaw opens to 1.8" and makes singling out a wire fast and easy



Part #	Mfg #	Description
HED00810	ACH4	400A AC Current Clamp Head

Combustion Check Head

- Measures flue gas
- Finds flue gas temperature, %CO₂, %O₂ for gas and oil fuel types
- Includes high-temperature K-type thermocouple and pump with an inline water trap and filter
- Range: 0 to 25 (%CO₂, %O₂), -58°F to 1000°F (temperature)
- Accuracy (CO₂, O₂): ±0.3%
- Accuracy (temperature): ±0.6%+3°F (1.7°C) after field calibration



Part #	Mfg #	Description
HED00824	AOX2	Combustion Check Head

Digital Multimeters

Dual-Port Manometer Accessory Head

- Static pressure gas pressure differential
- Checks gas pressure, duct blockages, pressure change across a fan & static pressure drops
- Automatic power off to extend battery life
- Range: -60.0" to +60.0"wc
- Includes: 5' hose with brass fittings



Part #	Mfg #	Description
HED00821	ADMN2	Dual-Port Manometer Head

Milliamps and Microamps Head

- Measures milliamps and microamps for flame diode test
- Measures 4 to 20mA control circuits



Part #	Mfg #	Description
HED00682	AUA2	Milliamps and Microamps Head

Superheat and Subcooling Head

- Measures refrigerant pressure and temperature
- Calculates superheat or subcooling for R-22 and R-410A in English or metric units
- Displays pressure in PSI or kPa
- Displays temperature, superheat, and subcooling in °F or °C
- Select R-22 or R-410A
- Automatic power off can be disabled for data logging



Part #	Mfg #	Description
MTR00970	ASX14	Superheat and Subcooling Head for A/C

Temperature and Humidity Head

- Measures milliamps and microamps for flame diode test
- Measures temperature and %RH
- Includes flame diode adapter kit (AQK3)
- Resolution: 0.1 for meters with 0.1mVDC
- Accuracy: DC=/ $\pm$ (1.0%rdg + 1dgt)
AC: +/ $\pm$ (1.5% + 2dgts)
- Max current: 200mA AC or DC



Part #	Mfg #	Description
HED00661	ARH4	Digital Sling Psychrometer Head

Electrical Testers

Circuit Testers

INSP-3 Wiring Inspector Circuit Tester

- Verifies if wiring is tested for load carrying ability that it meets electrical code recommendations for voltage drop under load
- Detects faulty wiring in need of repair without removing outlets cover plates, or panel covers; does not check the condition of wiring insulation
- User selectable 0, 10, 15 and 20 amps loads to verify performance of the electrical system
- Tests GFCI and AFCI operations
- Check ground quality for safety and ability to support sensitive electronic equipment
- Measure fault currents



Part #	Mfg #	Description
MTR01192	INSP-3	Circuit Tester

Electrical Testers

SMG5 Megohm Meter

- Low cost for checking compressor insulation
- Predicts compressor failure
- Backlit LCD display
- Automatic power off
- Case, alligator clip, leads with removable tips



Part #	Mfg #	Measures
MTR00819	SMG5	Insulation Resistance Megohm Meter

9040 Phase Rotation Indicator

- High voltage capability for industrial applications
- Measures phase rotation where 3-phase supplies are used to feed motors, drives and electrical systems
- Rotary field indicator
- LCD Display
- No battery required
- Includes:
 - (3) Black self-retaining test probes
 - Alligator clip
 - User manual
- Protected to EN61010, EN61557-7
- Overvolt protected to CAT III 600V, CAT IV 300V
- 2-Year warranty



Part #	Mfg #	Description
TOL02698	FLUKE-9040	40-700V, 15-400Hz

T5 Electrical Tester

- Checks volts, ohms and current
- OpenJaw™ current checks current up to 100A without breaking current
- SlimReach™ Test probes
- Test leads accept optional accessories
- Displays resistance to 1,000 ohms
- Includes 4mm detachable probes
- Inputs protected to EN61010-1 CAT III 600V
- UL, CSA & VDE Listed
- 2-Year warranty

FLUKE



Part #	Mfg #	Description
TOL01669	FLUKE-T5-600	600V, Continuity and Current

Insulation Resistance Testers

- Test insulation of wires, cables, transformers and electrical motors

AMB-2 Analog Insulation Resistance Tester

- Automatic discharge of equipment capacitance for safe removal of test leads
- Sensitive ohmmeter for checking resistance of motor windings
- Built-in voltmeter



Part #	Mfg #	Description
MTR00917	AMB-2	Analog Insulation Resistance Tester

AMB-25 Digital Insulation Resistance Tester

- Selectable test voltages: 250V, 500V and 1000V
- Programmable timer to perform the dielectric absorption ratio test
- Sensitive ohmmeter for checking resistance of motor windings



Part #	Mfg #	Description
MTR01390	AMB-25	Digital Insulation Resistance Tester

AMB-45 Digital Insulation Resistance Tester

- Built in voltmeter
- Programmable timer to perform dielectric absorption ratio test
- Selectable test voltages: 250V, 500V and 1000V
- Internal memory stores measurements for future reference



Part #	Mfg #	Description
MTR00916	AMB-45	Digital Insulation Resistance Tester

Tools

Electrical Testers

Phase Sequence & Motor Rotation Testers

PRM-4 Phase Sequence & Motor Rotation Tester

- Identifies 3-phase sequence and open phase check
- Motor shaft rotation indication protected by CAT III circuitry
- Cat III 600V rated for both testing segments
- Meets current EN61010 safety requirement, CSA EN61557-7
- Supplied with (3) CAT III rated color coded large alligator clips and test leads



Part #	Mfg #	Volt Range	Freq Range
TOL03134	PRM-4	50-600V	45-70Hz

Voltage Detectors

Dual Range Non-Contact Voltage Tester

- Automatically detects and indicates:
 - Low voltage (12-48VAC)
 - Standard voltage (48-1000VAC)
- High intensity, bright green LED indicates the tester is operational and aids in illuminating the workspace
- Digitally controlled ON/OFF power button
- Auto power-off feature conserves and extends battery life
- Microprocessor controlled low-battery indicator
- CAT IV 1000V Rating



Part #	Mfg #	Description
TOL03537	NCVT-2	50 - 500Hz

LVD Volt Light

- Non-contact AC voltage detector and LED flashlight combined
- Ultra-bright white LED with 100,000 hour bulb life
- LVD2: CATIV, 600V Rated



Part #	Mfg #	Description
LIT00914	LVD1	40VAC to 300VAC
LIT00941	LVD2	90VAC to 600VAC

TIC 300 PRO High Voltage Detector

- Lower voltage setting for checking voltage presence in breaker panels, breakers, power outlets and wiring
- Verifies presence of voltage from 30VAC to 122,000VAC
- Non-contact AV voltage detection
- Visual and audible voltage indication
- Used with Hot Stick Tic 410A for voltage higher than 1500VAC



Part #	Mfg #	Description
MTR01156	TIC 300 PRO	High Voltage Detector

VoltAlert™ Voltage Detector

- Voltbeat™ technology and continuous self-test
- Fits in shirt pocket for convenience
- All outer surfaces are non-conductive for safety
- Detects voltage without metallic contact
- Includes (2) AAA alkaline batteries
- Manufactured, printed and packaged in USA
- 2-Year warranty



Part #	Mfg #	Description
TOL01693	FLUKE-1LAC-A-II	Round Tip, 20 - 90VAC, Americas Pacific
TOL02801	FLUKE-1AC-A1-II	Flat-Tip, 90 - 1,000VAC, Engl/Lasph/Cfr
MTR01322	FLK2AC/90-1000V	Straight Tip, 90-1000V, North American Style Outlets

VPC-31 Voltage & Continuity Tester

- Super-bright bi-color LED's indicates safe and dangerous voltages
- Non-contact voltage detection and GFCI test feature for testing GFCI receptacles and breakers
- Automatically selects AC voltage, DC voltage or continuity
- AC Voltage: 24/48/120/208/240/277/347/480/600/1000
- DC Voltage: 6/12/24/36/48/60/72/110/220/380
- Water and dust proof



Part #	Mfg #	Description
MTR01191	VPC-31	Voltage & Continuity Tester

Leak Detection

Combustion Meters

SOX2 Combustion Check Meter

- Measures:
 - Flue gas
 - Percent oxygen
 - Temperature
- Calculates:
 - Percent carbon dioxide
 - Percent excess air
- Magnet attached to hang for ease of getting the sample
- Bright blue backlight
- Automatic power off to help extend battery life
- H/Min/Max Button holds the reading
- Includes:
 - ATBF1 thermocouple for accurate temperature readings up to 900°F and clips to attach to the pump probe
 - Stack pump and water trap with replacement O-ring and filters ensure consistent and reliable measurements by protecting the sensor from moisture and contaminants
 - Small screwdriver for field calibration of thermocouple
 - Thermocouple clips
 - ANC1 Carrying case



Part #	Mfg #	Description
MTR01107	SOX2	Combustion Check Meter

Leak Detectors

AccuProbe™ Leak Detector

- Positively identifies lead source for all refrigerants
- Position probe for close-up or extended 18" detection
- Replaceable filters
- Sensor failure mode
- Automatic calibration
- Includes lead standard bottle of non-ozone depleting chemical
- 2-Year limited warranty (1-year on sensor)
- Sensor not poisoned by large amount of refrigerant



Part #	Mfg #	Description
TOL03680	69336	AccuProbe® UV Leak Detector

AccuProbe™ II Leak Detector

- Sensitivity: 0.06 oz./yr. HFCs R-134a, 0.03 oz./yr. HCFCs R-22
- Sensor life: over 300 hours service life with minimal cleaning and no adjustments
- Probe length: 17"
- Warm up time: 20 seconds or less
- Power: (4) AA alkaline batteries, 6 hours continuous life



Part #	Mfg #	Description
TOL03226	69354	AccuProbe II Lead Detector

H-10G Manual Balance Leak Detector

- Detects all CFC, HFC and HCFC refrigerants
- Manual balance and zero adjust control
- AC Powered
- Switchable sensitivity



Part #	Mfg #	Description
TOL02793	3015-0456	H10g Refrigerant Leak Detector

H-10PM All-in-One Refrigerant Leak Detector

- Detects all CFC, HFC and HCFC refrigerants
- Manual or automatic, auto zero balance control
- Pass and fail test mode
- Unique sensor calibration system
- CE Mark
- Pinpoints both small and large leaks



Part #	Mfg #	Description
TOL02785	3015-0627	H10PM Leak Detector with Battery and Charger

Leak Detection

Informant® 2 Dual Purpose Leak Detector

- Detects refrigerants and combustible gases
- Audible indicator with mute
- Interchangeable sensors set at the tip for pinpoint accuracy and instant response time
- Flashing probe tip
- Dual LED displays
- Low battery indicator
- Optional boot and flashlight



Part #	Mfg #	Description
TOL02689	19-8038	Contractor Kit with Hard Carrying Case
TOL02706	0019-8042	Detector Kit with (5) Filters and Soft Carrying Case
TOL02703	0019-8045	Deluxe Detector Kit with Flashlight, Rubber Boot, (6) AA Batteries, (5) Filters and Hard Carrying Case
TOL03131	0019-8040	Refrigerant Only Detector Kit with (5) Filters and Carrying Case
TOL03132	0019-8043	Deluxe Refrigerant Only Detector Kit with (5) probe filters, (6) AA Batteries, Rubber Boot, Soft carrying case, and a MagLite®
SEN01377	19-0499	Replacement Combustibles Sensor
SEN01347	19-0510	Replacement Refrigerant Sensor

R22id Refrigerant Identifier

- Simple one button operation
- Pass or fail result
- UL & CE Approved



Part #	Mfg #	Description
TOL03449	2100-8000	Refrigerant Identifier
TOL03456	2100-8001	R22id Oil Restrictor Hose and Brass Restrictor

TIF 8900 Combustible Gas Leak Detector

- Automatic warm-up
- Audible "geiger counter" signal
- Adjustable sensitivity as low as 5ppm
- Cordless operation
- LED Leak intensity lights
- 16" Stainless flexible probe
- Made in USA



Part #	Mfg #	Description
SEN01296	TIF8900	Combustible Gas Detector

TIF ZX Heated Pentode™ Refrigerant Leak Detector

- Detects all halogenated refrigerants
- Tri-color visual leak size indicator
- Mute feature silences audible alarm
- Sensor status indication
- 16" Flexible stainless probe
- Standard power source: 4.8Vnickel-cadmium rechargeable battery pack standard



Part #	Mfg #	Description
SEN01163	TIFZX	Refrigerant Leak Detector Kit

Tru Pointe® Refrigerant Leak Detector

- Detects any refrigerant containing chlorine, fluorine or bromine gas
- Accurate in environments where high levels of refrigerant vapors are present
- Audible and visual alarms



Part #	Mfg #	Description
TOL02782	0019-8106	Tru-Pointe® Refrigerant Leak Detector
SEN01375	19-0559	Replacement Sensor

RLD-1 Refrigerant Leak Detector

- Detects halogenated refrigerants including R-134A, R-404A, R-407C, R-410A, R-22
- Suction pump provides instant response and quick sensor clearing
- Clear leak indication with audio and tri-color visual LED display
- High-medium-low leak sensitivity selector
- Reference leak source included
- Ambient concentration reset
- Automatic zero and background compensation



Part #	Mfg #	Description
MTR01366	RLD-1	Refrigerant Leak Detector

Leak Detection

Leak Detector Kits

SRL2 Infrared Refrigerant Leak Detector Kit

- Senses change in refrigerant concentration
- Sensitivity below 0.1 oz/yr
- Inherently handles background refrigerant without re-adjustment; won't trigger on oil or moisture
- 8-Hour rechargeable lithium battery
- Detects CFC, HFC, HCFC and blends
- Auto-recalibration
- Includes:
 - Advanced refrigeration leak detector (SRL2K7)
 - 9" Flex probe extension (RFE2)
 - 9" Needle tip probe (RRE2)
 - Wall and vehicle chargers
 - (10) Filters and (5) O-rings
 - Blow-molded hard case (ABMK3)
 - Operator's manual



Part #	Mfg #	Description
SEN01565	SRL2K7	Advanced Refrigerant Leak Detector Kit

SRL8 Heated Diode Refrigerant Leak Detector Kit

- Senses absolute concentration
- Sensitivity below 0.1 oz/yr
- 15-Hour rechargeable lithium battery
- Detects CFC, HFC, HCFC & blends
- Most sensitive to R-22
- Manual or automatic zeroing
- Can trigger on moisture and oil
- Includes:
 - Refrigeration leak detector (SRL8)
 - 9" Flex probe extension (RFE2)
 - 9" Needle tip probe (RRE2)
 - Wall and vehicle chargers
 - (10) Filters and (5) O-rings (RFL-2)
 - Blow-molded hard case (ABMK3)
 - Operator's manual



Part #	Mfg #	Description
TOL03298	SRL8	Heated Diode Refrigerant Leak Detector Kit

Leakator® 10 Leak Detector Kit

- Detects acetone, acetylene, benzene, butane, ethanol, ethylene oxide, gasoline, hexane, hydrogen, industrial solvents, methane, paint thinners, propane, natural gas, and naptha
- Audible indicator
- Sensitivity: 20 ppm useable sensitivity (methane)
- Sensitivity thumb-wheel control
- Operational status LEDs
- Patented solid state sensor
- 20" Flexible probe for hard to reach locations
- UL Listed, CE mark



Part #	Mfg #	Description
TOL02705	0019-7051	Leakator® 10 Kit

Leakator® Jr. Leak Detector Kit

- Detects acetone, acetylene, benzene, butane, ethanol, ethylene oxide, gasoline, hexane, hydrogen, industrial solvents, iso-butane, methane, methanol, paint thinners, propane, natural gas, and naptha
- (1) Variable frequency LED
- Audible indicator
- Sensitivity: 20/50 ppm useable sensitivity (methane)
- Operational status LED
- 12" Flexible probe
- UL Listed, CE mark



Part #	Mfg #	Description
TOL02784	0019-7075	Leakator® Junior

Tru Pointe® 1100 Leak Detector Kit

- Unaffected by presence of other gases or sounds in test area, wind, or temperature fluctuations
- Includes high-quality noise attenuating headphones compatible with hard hats
- Unique AudioZoom™ Volume control



Part #	Mfg #	Description
TOL03443	0028-8002	Tru Pointe® with Headphones
TOL03445	0028-8012	Tru Pointe® with Headphones and Soundblaster®

Leak Detection

Tru Pointe® 2100 Leak Detector Kit

- Detects any gas leak regardless of chemical property or concentration
- Ideal for stream trap testing, detecting bearing wear, gas and valve leaks
- Unaffected by wind or temperature fluctuations, other sounds or gases in the test area
- Unique AudioZoom™ volume control
- Includes:
 - Headphones
 - 6" Touch probe
 - Segmented 3' extension touch probe
 - 6" Wave guide

BACHARACH



Part #	Mfg #	Description
TOL03444	0028-8003	Tru Pointe® with Headphones
TOL03446	0028-8013	Tru Pointe® with Headphones and Soundblaster®

Tru Pointe® Ultra Leak Detector Kit

- Airborne frequency response: 34kHz - 42kHz
- Analog controlled heterodyne
- Unaffected by wind, presence of other gases or high concentrations
- 10-Step LED bar graph shows signal strength
- On-the-fly sensitivity adjustment aids in locating leaks quickly
- True sound reproduction ensures fast recognition of leaks



BACHARACH

Part #	Mfg #	Description
TOL03436	28-8000	Tru Pointe® Ultra with Folding Headset
TOL03437	28-8010	Tru Pointe® Ultra with Folding Headset and Soundblaster®
TOL03438	28-8001	Tru Pointe® Ultra HD with Stereo Headphones
TOL03439	28-8011	Tru Pointe® Ultra HD Leak with Stereo Headphones and Soundblaster®

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- Draft / Pressure Gauges
- Indoor Air Quality Monitors

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The Measurable Difference

Temperature & Humidity

MFM300 Multi-Function Instrument Kits

MFM300-KIT1 Multi-Function Instrument Air Conditioning Kit

- Performs basic air balancing
- Instantly displays psychrometrics
- Assist in determining system efficiency
- Includes:
 - Humidity probe (5029)
 - Surface probe with 8" velcro strap (4011)
 - Puncture probe (1075)
 - Vane CFM thermo-anemometer (5400)
 - Multi-function expandable instrument (MFM300)
 - Hard carrying case strap
 - Hard carrying case



Part #	Mfg #	Temperature Range
MTR01051	MFM300KIT1	-58°F to 302°F

MFM300-KIT3 Real-Time Superheat/Sub-Cooling Kit

- Eliminates manual input of pressure readings
- Speed and accuracy improved greatly over traditional analog gauge sets
- Dynamic superheat/sub-cooling instantaneously displayed
- Includes:
 - Multi-function expandable instrument (MFM300)
 - General purpose puncture probe (1075)
 - Pipe strap temperature probe (4011)
 - 500 psi Pressure probe (5250)
 - 1,000 psi Pressure probe (5200)
 - Carrying case with detachable strap



Part #	Mfg #	Temperature Range
MTR01053	MFM300KIT3	-58°F to 302°F

MFM300-KIT4 Deluxe

- Maximizes the capabilities of the MFM300
- Includes:
 - Multi-function expandable instrument (MFM300)
 - General purpose puncture probe (1075)
 - Pipe strap probe (4011)
 - thermo-anemometer probe (5400)
 - 500 psi Pressure probe (5250)
 - 1,000 psi Pressure probe (5200)
 - Humidity Probe (5029)
 - Hard carrying case with detachable strap



Part #	Mfg #	Temperature Range
MTR01054	MFM300KIT4	-58°F to 302°F

Probes

1075 General Purpose Puncture Probe

- Maximum cable temperature: 200°F
- 6' Polyurethane cable
- For SH66A SRH77A temperature humidity testers
- 1-Year warranty



Part #	Mfg #	Temperature Range
SEN01504	1075	-40°F to 300°F

2010 Air Probe

- Maximum cable temperature: 200°F
- 6' Polyurethane cable
- For SH66A temperature/thermister instrument
- 1-Year warranty



Part #	Mfg #	Temperature Range
SEN01503	2010	-40°F to 200°F

Temperature & Humidity

4005MK "The Claw" Pipe Clamp Probe

- Easily reads pipe surface temperatures in diameter up to 1-3/8"
- Spring-loaded to ensure repeatability
- 10' Straight cable
- Flexible sensor
- 2 Second response time



Part #	Mfg #	Temperature Range
SEN01495	4005MK	-20°F to 300°F

4011 Pipe Strap Probe

- Maximum cable temperature: 200°F
- 12' Polyurethane straight cable
- For SH66A temperature/thermister instrument and SRH77A temperature/ humidity tester
- 1-Year warranty



Part #	Mfg #	Temperature Range
SEN02050	4011	-25°F to 212°F

Temperature/Humidity Testers

4005I Cordless Pipe Clamp Digital Temperature Instrument

- For measuring pipe surface temperatures
- Use on pipes with 1/4" to 1-3/8" diameters
- 2.5" Stainless steel shaft
- 20-Second response time
- Auto shut-off after 5 minutes
- Modes:
 - Mode button
 - Hold
 - Maximum
 - Minimum
- Retractable probe
- Accurate within 3°F
- 1-Year warranty



Part #	Mfg #	Temperature Range
MTR01047	4005I	-20°F to 300°F

3-Zone Temperature/Humidity Tester

- Backlit display
- Sealed keypad
- Battery eliminator jack
- 3-Zone minimum/maximum memory
- Auto shut-off after 15 minutes of non-use or continuous ON mode
- Displays temperature differential between probes 1 & 2
- Minimum/maximum records highest and lowest temperatures from (3) probes
- Scan feature stores data until technician stops
- Polyethylene storage case
- Includes:
 - General purpose probe (1075)
 - Pipe strap probe (4011)
 - Slim humidity probe (5028)
- 5-Year warranty



Part #	Mfg #	Temperature Range
MTR01050	SRH77A	-40°F to 300°F

Thermistor Series Thermometers

Industrial Multi-Zone Temperature/Thermister Instrument

- Measure suction and liquid line temperatures simultaneously, temperatures across condensing coils, as well as the ambient temperature at the same time
- Minimum/maximum memory
- Scan feature stores data from all (3) probes (sold separately)
- Auto shut-off after 15 minutes with override option
- Backlit for dark environments
- Includes:
 - General purpose probe (1075)
 - Air probe (2010)
 - Surface probe (4011)
 - Sealed membrane touchpad
 - Polyethylene storage case
 - 9V Alkaline battery



Part #	Mfg #	Temperature Range
MTR01048	SH66A	-40°F to 300°F

Test Instruments

985 Indoor Air Quality Particle Counters

- Determines airborne particle concentrations
- Measure filter efficiency
- Locate particle sources for remediation
- Six channels and particle size range of 0.3 -10um
- 10-Hour battery life
- 3.5 QVGC Color display



Part #	Mfg #	Description
MTR01383	FLUKE-985	IAQ Particle Counter

In-Duct Instruments

AAT3 In-Duct Hot-Wire Anemometer & Air Velocity Head

- Measures air velocity, temperature and %RH
- Velocity range: 40-3940' per minute
- Relative humidity range: 0% - 100%
- Temperature range: -4°F - 140°F
- Calculates wet bulb and dew point
- Battery life: 20 - 35 hours
- Automatic power off after 15 minutes of inactivity if APO is active
- Calculates target superheat, target evaporator exit temperature and CFM when connected to HG3



Part #	Mfg #	Description
MTR01384	AAT3	In-Duct Hot-Wire Anemometer and Psychrometer

ARH5 In-Duct Psychrometer Head

- Measures temperature and %RH
- Temperature range: -4°F - 140°F
- Relative humidity range: 0% - 100%RH
- Calculates wet bulb and dew point
- Battery life: 150 hours
- Automatic power off after approximately 15 minutes
- Calculates target superheat, target evaporator exit temperature when connected to HG3



Part #	Mfg #	Description
MTR01361	ARH5	In-Duct Psychrometer Head

STA2 In-Duct Hot-Wire Anemometer

- Measures air velocity and temperature
- Stated accuracy @ 73°F: $\pm 9^{\circ}\text{F}$ ($23^{\circ}\text{C} \pm 5^{\circ}\text{C}$), <90%RH
- Calculates CFM
- Slim 38" telescoping probe for in duct traversing
- Fast response time
- Dual display for combo of real-time CFM, air velocity, or temperature
- Depth and direction indicators
- Minimizes turbulence effect with time/test point averages
- Hands-free testing with stabilizing cone and magnetic hanger



Part #	Mfg #	Description
MTR01359	STA2	In-Duct Hot-Wire Anemometer

SRH3 In-Duct Diagnostic Psychrometer

- Measures temperature and %RH
- Temperature range: -4°F - 140°F
- Relative humidity range: 0% - 100%RH
- Calculates wet bulb, target superheat, target evaporator and exit temperature
- Automatic power off
- Battery life: 150 hours with low battery indication



Part #	Mfg #	Description
MTR01360	SRH3	In-Duct Diagnostic Psychrometer

Psychrometers

PRH2 Digital Pocket Psychrometer

- Measurements can be taken in the duct or while walking around
- Backlit, dual display:
 - Wet bulb
 - Dry bulb
 - Dew point
 - % Relative humidity (RH)



Part #	Mfg #	Description
MTR01378	PRH2	Digital Pocket Psychrometer



Test Instruments

SRH2 Diagnostic Digital Psychrometer

With Target Superheat and Target Evaporator Exit Temperature

- Backlit display
- Magnetic hanger on back
- Automatic power off after 15 minutes
- Plastic case surrounded by solid rubber holster
- (2) Sets of sensors:
 - Built-into the body
 - Plug in K-type thermocouples
- Includes:
 - (2) Thermocouples
 - ATA1 Measures dry bulb
 - ATWB1 Measures wet bulb



Part #	Mfg #	Description
MTR01093	SRH2	Displays THS & TEET

THWD-3 Digital Sling Psychrometer

- Extended probe stem to easily access air ducts
- Dew point
- Wet bulb
- Minimum/maximum readings
- Data hold
- Capacitive sensor with protective cover



Part #	Mfg #	Description
MTR01195	THWD-3	Digital Sling Psychrometer

Test Equipment

Air Flow Hood

- Measure volumetric flow rate with digital manometer
- Temperature range: 32°F - 122°F
- Volume flow supply range: 41 - 1176 CFM
- Volume flow exhaust range: 45 - 1176 CFM
- Magnet backplate
- Low battery alert



Part #	Mfg #	Description
MTR01324	AFH2	2' x 2' Hood

Thermo-Anemometer Test Instrument

- Measures air velocity or air volume and temperature simultaneously
- Air velocity range: 0 - 6000 FPM
- Air velocity accuracy: +/- 3% FS within temperature range of 40°F - 90°F
- Probe length: 8" insertion
- Cable length: 28" retracted, 6' extended



Part #	Mfg #	Description
MTR01355	471B-1	Thermo-Anemometer
MTR01353	AP1	Thermo Anemometer Air Velocity and Temperature Probe with Coiled Cable

485B Thermo-Hygrometer Test Instrument

- Probe length: 8"
- Stores up to 99 readings
- Process temperature limit: -40°F - 176°F
- Ambient temperature limit: 5°F - 125°F
- Measures %RH, temperature, dew point and wet bulb
- Relative humidity range: 0 - 100%, non-condensing



Part #	Mfg #	Description
MTR01356	485B-1	Digital Thermo-Hygrometer
MTR01354	RP1	Thermo-Hygrometer %RH and Temperature Probe with Coiled Cable

Universal Handheld Test Instrument

- Versatile base can combine with multiple probes and modules
- Accepts wire or wireless thermo-anemometer or hygrometer
- Temperature range: 5° - 125°F



Part #	Mfg #	Description
MTR01352	UHH	Universal Test Instrument

SVG2 Vacuum Gauges

- Rugged with alarms and increasing/decreasing/stable indicators, magnetic hanger
- Measures: 50 to 2000 microns
- Automatic power off when left on in atmospheric pressure
- Fast response and high resolution



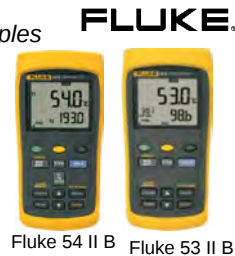
Part #	Mfg #	Measures
GAG01061	SVG2	Vacuum Gauge

Thermometers

Digital Thermometers

50 Series II Digital Thermometer

- Works with K, J, T, or E thermocouples
- 1,000-Hour battery life
- Includes:
 - Impact absorbing holster
 - Bead probe thermocouples (80/Pk-1)
- 3-Year warranty
- Data Logging up to 500 points of data with user adjustable recording
- Real time clock captures the exact time when events occur
- Recall function allows logged data to be reviewed
- IR communication port allows data to be exported to optional FlukeView® PC software



Part #	Mfg #	Description
MTR01341	FLUKE-53-II-B	Single Input with USB Recording
MTR01342	FLUKE-54-II-B	Dual Input with USB Recording

52 II Dual Input Thermometers

- Relative time clock on minimum, maximum and AVG provides a time reference for major events
- Electronic offset function allows compensation of thermocouple errors to maximize overall accuracy
- Measures J, K, T, and E-types of thermocouples
- Readout in °C, °F or Kelvin (K)



Part #	Mfg #	Description
MTR00833	Fluke-52-2	60 Reduction

Infrared Thermometers

62 Infrared Thermometer

- Ideal for quick, non-contact surface measurement of rotating, hard-to-reach, electricity live, or dangerously hot targets
- Laser sighting system guides measurements to the right target and in less than a second
- 10:1 Optical resolution
- Reads temperatures up to 535°C



Part #	Mfg #	Description
MTR00956	FLUKE-62	Mini Thermometer

62 MAX+ Infrared Thermometer

- Dust and water resistant
- Tested to 6.5' drop
- Small and lightweight
- Backlight display
- Dual rotating lasers help identify area to be measured



Part #	Mfg #	Description
MTR01369	FLUKE-62 MAX	Single Laser
MTR01370	FLUKE-62 MAX+	Dual Laser

561 HVAC Pro Infrared & Contact Thermometer

- Multipurpose thermometer for heating, ventilation, air conditioning and refrigeration inspections
- Measures:
 - IR and Contact temperature
 - Electrically energized
- Included
 - IR Thermometer (561)
 - K-Type thermocouple Velcro® pipe probe (80PK-11)
 - Hard carrying case
 - (2) AA Alkaline batteries
 - Users manual



Part #	Mfg #	Description
MTR01010	FLUK-561	12:1 Distance to Spot Ratio

VT02 Visual Infrared Thermometer

- Visual inspection
- Traditional and visual IR thermometer
- Full infrared only thermal images
- Temperature measurement range: 14° - 482°F
- Temperature measurement accuracy: +/- 2°C or +/- 2% of reading in °C, whichever is greater as tested
- Power down after 10 minutes of inactivity
- Viewing options: blending of visual and infrared from full infrared to full visual in 25% steps
- Includes:
 - VT02 Visual IR thermometer
 - Hard case
 - Micro-SD card
 - Micro-SD conversion adapter to standard
 - (4) AA Batteries
 - Lanyard
 - Printed quick start guides
 - SmartView® Analysis and reporting software CD



Part #	Mfg #	Description
MTR01414	FLK-VT02	Visual Infrared Thermometer

Thermometers

Infrared Thermometers

12:1 Dual Laser Infrared Thermometer

- Tight distance-to-spot ratio
- Dual lasers for accurate target measurement area
- K-Type thermocouple input
- Backlit display, auto shut-off, work light
- Includes (2) AAA batteries



Part #	Mfg #	Measurement Range
MTR01348	IR2000	-76° to 1022°F

30:0 Dual Laser Infrared Thermometer

- Tight distance to spot ratio
- K-Type thermocouple input
- Several calculation modes to assist in making the best possible measurements
- Dual lasers allow you to see the actual target diameter
- Backlit display; worklight
- Includes:
 - Klein case
 - (2) AAA Batteries
 - Thermocouple
 - Protective boot



Part #	Mfg #	Measurement Range
MTR01400	IR3000	-76° to 1400°F

Gun Style Infrared Thermometer with Laser

- Select °F or °C
- Accuracy: $\pm 4^{\circ}\text{F}$ or 2% rdg
- Resolution: 1°F
- Automatic data hold
- Backlight
- 10:1 Field of view
- Automatic power off



Part #	Mfg #	Measurement Range
MTR00953	SIG1	-22° to 1022°F

12:1 Infrared Thermometer

- Quick checks of all types of environments, hazardous extreme temperature ranges, or remote areas
- Max/Min/Average/Differential
- Backlit display



Part #	Mfg #	Measurement Range
TOL03675	IR1000	-58° to 1000°F

Infrared with Laser & Thermocouple Jack

- Innovative design incorporates non-contact infrared thermometer to measure surface temperature
- Single-dot laser sighting
- High and low alarms
- Back-lit LCD
- Automatic data hold
- Average, maximum, minimum, differential and lock modes
- Probe not included



Part #	Mfg #	Measurement Range
MTR01049	412	-83° to 932°F

IR-450 3-in-1 Pocket Infrared Thermometer

- Thermometer, laser pointer and LED flashlight
- Distance to spot ratio: 8:1
- Temperature range: -22°F - 932°F
- Holds temperature reading for 10 seconds



Part #	Mfg #	Description
MTR01391	IR-450	Pocket Infrared Thermometer

IR-608A Infrared Thermometer

- Fixed emissivity at 0.95
- Laser sighting for accurate targeting
- Distance to spot size ratio 8:1
- Accuracy to 2%



Part #	Mfg #	Measurement Range
MTR00968	IR608A	0° - 750°F

Thermometers

IR-710 Infrared Thermometer

- Distance to spot ratio from 10:1 - 50:1
- Laser pointer for accurate targeting
- 8 Second auto display hold
- Adjustable emissivity for measuring a variety of materials



Part #	Mfg #	Measurement Range
MTR01380	IR-710	-59° - 2822°F

Pocket Thermometers

Bi-Metal Pocket Test Thermometer

- 1" Diameter dial
- 5" Shaft length
- Stainless steel stem
- Adjustment tool
- Protective red sheath with anti-microbial additive with pocket clip
- NSF Certified
- 1-Year warranty



Part #	Mfg #	Description
THR00072	1246-01	-40° to 180°F
THR00073	1246-02	0° to 220°F

Food Service Digital Pocket Test Thermometer

- 0.25" High LCD display
- Easy-access batteries
- Protective red sheath with clip
- Thermistor sensors
- 5" Stainless steel stem
- Instant update button
- Automatic shut-off
- Temperature alarm
- Flat head waterproof



Part #	Mfg #	Description
THR00071	DFP450W-0-8	-40° to 450°F

Pocket Thermometer

- Adjustable dial thermometer
- Individually calibrated
- Shock-resistant
- 5" Stainless steel stem and stainless steel case



Part #	Mfg #	Description
THR00099	69251	1" Dial 0° to 220°F (12/Pk)

Pocket Digital Thermometer

- Reads -58°F - 302°F (-50°C - 150°C)
- Digital hand rotates 180° for easy reading
- Auto shut-off after 10 minutes saves battery
- Reading updates every second
- 5" Stem



Part #	Mfg #	Description
THR00100	69250	69107 Display (12/Pk)

Waterproof Pen-Style Digital Pocket Test Thermometer

- 1/4" Easy-to-read LCD
- 2.75" Shaft length
- Auto off after 10 minutes
- °F/°C Switchable
- IPX7 Water-proof rated
- ABS Plastic housing with anti-microbial additive
- Protective pocket sheath with clip
- On/off switch
- Lifetime warranty



Part #	Mfg #	Description
THR00097	DPP400W-0-8	-40° to 392°F

Thermometers

Temperature Loggers

Dual Input Temperature Logger

- Two-input dual differential digital temperature tester offers logging, monitoring and uploading capabilities to help analyze system performance trends with the included software
- IP67: Waterproof, dust resistant
- Differential: T1-T2
- Data logging
- Memory positions: 9,999
- MIN, MAX, Average and Hold functions
- Backlit display, probe storage, boot with stand and magnetic strap mount
- USB Interface; software included

KLEIN TOOLS



Part #	Mfg #	Description
MTR01398	DTL302	Two Input Temperature Logger

Quad Input Temperature Logger

- Four-input dual differential digital temperature tester offers logging, monitoring and uploading capabilities to help analyze system performance trends with the included software
- IP67: Waterproof, dust resistant
- Differential: T1-T2 & T3-T4
- Data Logging
- Memory positions: 9,999
- MIN, MAX, Average and Hold functions
- Backlit display, probe storage, boot with stand and magnetic strap mount
- USB Interface; software included

KLEIN TOOLS



Part #	Mfg #	Description
MTR01399	DTL304	Four Input Temperature Logger

Thermometers

Digital Thermometer

- Accurate readings from -40°F to 390°F
- Switch selects Celsius or Fahrenheit
- Includes case to protect probe
- Minimum/maximum display for reading temperature ranges

ROBINAIR



Part #	Mfg #	Temperature Range
THT02127	43240	-40° to 390°F

Pen Style Thermometer

- Field of view 1:1
- Protective IR lens cap
- Automatic data hold
- Automatic power off to extend battery life

Fieldpiece



Part #	Mfg #	Description
TOL02586	SIL2	Pocket Thermometer w/LED

Ruggedized Dual Temperature Thermometer

- Rugged rubber boot
- Min/max and hold
- LED Indicates disengaged probe
- (2) K-Type thermocouples included
- Range: -58°F to 2000°F
- Includes clear-front case with magnetic hanger

Fieldpiece



Part #	Mfg #	Description
TOL02102	ST4	Dual Temp Thermometer with Thermocouples

Panel Thermometers

Digital Solar Panel Thermometer

- Compact size
- Requires no external power source
- Solar powered with 1.5V AAA battery backup
- 30-Second response time
- 1-Year warranty



Cooper ATKINS

Part #	Mfg #	Temperature Range	Color
SEN01501	SP160-01-8	-58° to 158°F	White

Thermometers

Refrigerator/Freezer Thermometers

Lightweight Vertical Glass Tube Refrigerator/Freezer Thermometer

- 3" Non-toxic spirit filled glass tube
- Plastic casing
- NSF Certified
- 1-Year warranty



Part #	Mfg #	Description
THR00082	330	-40° to 120°F

Remote Vapor Tension Refrigerator/Freezer Thermometers

2" Dia Cooler Thermometer

- 1-1/2" Diameter lens
- Magnetic back, self-adhesive tabs for permanent mounting
- Resolution: 5°F increments
- 1-Year warranty



Part #	Mfg #	Description
THR00083	535-0-8	-20° to 120°F

2" Dia Front Flange, Back Connect Panel Thermometer

- Dual scale dial with polycarbonate lens/bezel
- 48" Capillary length except where noted
- Flush-mount
- (3) 0.156" Diameter mounting holes equally spaced on 2.645" diameter bolt circle
- NSF Certified



Part #	Mfg #	Description
SEN01496	6142-20-3	-40° to 60°F, 3/Pk

2.5" Dia Front Flange, Back Connect Panel Thermometer

- Dual scale dial
- Flush-mount with back connection
- Reverse flange has (3) 156" diameter mounting holes on 2.625" diameter bolt circle
- 48" Capillary length
- Recalibratable
- Nickel/tin plated bulb and capillary
- Stainless steel case
- Polycarbonate lens/bezel
- Bright buffed flange
- NSF Certified
- 1-Year warranty



Part #	Mfg #	Description
SEN01499	7112-01	-40° to 60°F

Thermal Imagers

Thermal Imagers

Ti9 Industrial Commercial Thermal Imager

- Temperature range: -4° - 482°F
- IR Detector resolution: 160×120
- Display: 3.7" diagonal, Color 640×480 LCD
- Greater than or equal to 0.20°C at 30°C target temperature
- Temperature accuracy: $\pm 5^{\circ}\text{C}$ or 5% (at 25°C nominal, whichever is greater)
- Field of view: 23° H x 17° V, laser sighting N, image notation N
- Resists dust and water
- 2-Year warranty



FLUKE.

Part #	Mfg #	Measures
MTR01373	FLK-Ti9 9HZ	-20°C to $+250^{\circ}\text{C}$

Ti10 Thermal Imager

- Temperature range: -4° - 482°F
- IR Detector resolution: 160×120 (19,200) pixels



FLUKE.

Part #	Mfg #	Measures
MTR01331	FLK-Ti10 9HZ	-20°C to $+250^{\circ}\text{C}$

Ti25 Thermal Imager

- Temperature range: -4° - 662°F
- IR Detector resolution: 160×120 (19,200) pixels



FLUKE.

Part #	Mfg #	Measures
MTR01372	FLK-Ti25 9HZ	-20°C to 350°C

Ti100 General Purpose Thermal Imager

- Temperature range: -4° - 482°F
- IR Detector resolution: 160×120 (19,200) pixels



FLUKE.

Part #	Mfg #	Measures
MTR01375	FLK-Ti100 9HZ	-20°C to 250°C

TiR Thermal Imager for Building

- Temperature range: -4° - 212°F
- IR Detector resolution: 160×120 (19,200) pixels



FLUKE.

Part #	Mfg #	Measures
MTR01332	FLK-TiR 9HZ	-20°C to 100°C

TiR1 Thermal Imager for Building

- Temperature range: -10° - 100°F
- Spectral response: $7.5 - 14 \mu\text{m}$
- Includes:
 - 20mm Lens
 - AC Power supply
 - Battery charger



FLUKE.

Part #	Mfg #	Measures
MTR01374	FLK-TiR1 9HZ	-20°C to 150°C

TiR110 Building Diagnostic Thermal Imager

- Temperature range: -4° - 302°F
- IR Detector resolution: 160×120



FLUKE.

Part #	Mfg #	Measures
MTR01377	FLK-TiR110 9HZ	-20°C to 150°C

TiR125 Building Diagnostic Thermal Imager

- Temperature range: -4° - 662°F
- IR Detector resolution 160×120



FLUKE.

Part #	Mfg #	Measures
MTR01376	FLK-TiR125 9HZ	-20°C to 150°C

TiS Thermal Imager for Building

- Temperature range: -4° - 212°F
- IR Detector resolution: 120×120
- Display: 3.7" backlight landscape LCD



FLUKE.

Part #	Mfg #	Measures
MTR01333	FLK-TiS 9HZ	-20°C to 100°C

Vibration Testers

Handheld Vibration Testers

- Report on machine faults the first time measurements are taken, without prior measurement history
- Includes:
 - Tri-axial accelerometer
 - Magnet mount
 - Mounting pad kit with adhesive
 - Accelerometer quick disconnect cable
 - Laser tachometer
 - Storage pouch
 - Mini USB cable
 - Viewer PC software
 - Users Manual CD-ROM



Part #	Mfg #	Description
MTR01329	FLUKE-810	Handheld Vibration Tester

805 Vibration Meters

- Can read a wide range of frequencies, 10 to 1,000Hz and 4,000Hz to 20,000Hz
- Minimizes measurement variations caused by device angle or contact pressure
- Exportable data via USB
- Flashlight for viewing measurement locations
- Trending in Microsoft Excel® using built-in templates
- Includes:
 - USB Cable
 - Storage case
 - Belt holster
 - Quick reference guide
 - CD-Rom including MS Excel template and documentation
 - (2) AA Alkaline batteries

FLUKE.



Part #	Mfg #	Description
MTR01387	FLUKE-805	Vibration Meter

SEE BEYOND TEMPERATURE

The NEW Fluke VT02 Visual IR Thermometer.

Fluke does one thing better than any other measurement company. We listen to our customers. This is what we heard: **First**, develop a low-cost solution that combines the convenience of an IR thermometer with the visual advantage of a thermal imager. **Plus**, make it easy to find hot and cold spots while scanning across a surface, and if possible, make it so we can blend both an infrared and digital image.

Done.


fluke.com/beyondtemp



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Test Instrument Accessories

Accessories and Replacement Parts



Part #	Mfg #	Description
CLP00811	ASA2	Small Alligator Clips
BAT00083	RCR2032	(1) Battery Replacement for SIR2, SC52 or SC53

Adapter Cord - Test Connector

- 12" Lead using #14-3 wire and female plug one end and 3 large clips on other end with red/black/green insulators
- 120/240 Volt AC, 15A



Part #	Mfg #	Description
TOL01436	69522	Replaces Annie CA-220/HI TL11

Test Leads



Part #	Mfg #	Description
KIT06114	ADA2	Shorting Cables (Pair); Alligator Clips on 3' Wire
KIT15687	ADK7	Deluxe Silicone Test Lead Kit: ADSL2 Silicone Leads, ASA2 Alligator Leads, RCT2 Probe Tips
WIR03694	ADLS2	Silicone Leads
WIR03224	ASLS2	Silicone Test Leads
TOL01934	ASP2	Short Probe Tips

Test Lead Set with Alligator Clips



Part #	Mfg #	Description
LED00393	MTL-90B	Test Lead Set

Alligator Clips

AC72 Alligator Clip

- Slide-on alligator clips (red and black) for TL71/TL75
- Jaws provide 8mm opening
- CAT IV 600V, CAT III 1,000V, 10A Rating, UL listed



Part #	Mfg #	Description
CLP00983	AC72	Alligator Clip Set

AC283 SureGrip™ Pincer Clip

- 1-Pair (red and black) of nickel plated pincers open to 5mm
- 11.4cm Flexible insulated shaft
- Recommended for use with TL222 and TL224 test leads
- CAT IV 600V, CAT III 1,000V, 1A Rating, UL listed



Part #	Mfg #	Description
CLP00981	AC283	SureGrip™ Pincer Clips

AC285 SureGrip™ Alligator Clip

- 1-Pair (red and black) of nickel plated steel jaws
- Multi-purpose tooth pattern grips
- Recommended for use with TL222 and TL224 test leads
- CAT IV 600V, CAT III 1,000V, 10A Rating



Part #	Mfg #	Description
CLP01122	AC285	SureGrip™ Alligator Clips

Cases

C25 Large Soft Case for DMMs

- Zippered carrying case with padding and inside pocket
- Weather resistant
- 1-Year warranty



Part #	Mfg #	Description
CAS01261	C25	For Fluke 21/23/26/75/77/79, 27, 70/73II, 175/177, 179, 83/85/87 Series III, 87/89 IV, 83/87 Series V, 187/189, 321/322, 1503,1507 1577/1587, 50S50D, 51/52/53/54 Series II, 61, 714/715/716/717, 787, 789

Test Instrument Accessories

C37 Soft Carrying Case, Camouflage

- Zippered carrying case with durable vinyl exterior
- Has belt loop and an inner pocket to store test leads or small accessories

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Part #	Mfg #	Description
CAS01987	CAMO-C37	Camo Carrying Case

Test Clips

8845A-EFPT Extended Fine Point Tip Adapter Set

- Snaps onto DMM probes with .080" O.D tips
- Designed to IEC 1010 standard
- Tips are insulated to the point to prevent shorting of adjacent components
- 300V Rms/DC, 3A

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Part #	Mfg #	Description
TIP00183	8845A-EFPT	One Pair, (1) Red (1) Black

Test Leads

Hard Point™ Premium Test Lead Set

- Includes:
 - 1-Pair (red and black) comfort grip probes
 - Silicone insulated, right-angle test leads
- Recommended for UV measurements
- CAT IV 600V, CAT III 1,000V, 10A Rating, UL listed

FLUKE



Part #	Mfg #	Description
LED00360	TL71	Hard Point™ Premium Test Leads

TL75 Hard Point™ Test Lead Set

- Includes:
 - 1-Pair (red and black) comfort grip probes
 - 48" PVC Insulated, test leads with right-angle shrouded banana plugs
- Recommended for general purpose measurements
- CAT IV 600V, CAT III 1,000V, 10A rating, UL listed



Part #	Mfg #	Description
KIT07901	TL75	Hard Point™ Test Lead Leads

TL220 SureGrip™ Industrial Test Lead Set

- Includes:
 - SureGrip™ Alligator clip set (AC220)
 - SureGrip™ Test probe set (TP220)
 - SureGrip™ Silicone (TL222) test lead set (right to right)

FLUKE



Part #	Mfg #	Description
LED00383	TL220	SureGrip™ Industrial Set

TL223 SureGrip™ Electrical Test Lead Set

- Includes:
 - SureGrip™ Alligator clip set (AC220)
 - Slim-Reach™ Test probes flat bladed (TP1)
 - SureGrip™ Silicone test lead set straight to right (TL224)

FLUKE



Part #	Mfg #	Description
LED00384	TL223	SureGrip™ Electrical Set

TL224 SureGrip™ Insulated Test Lead Set

- DMM Test leads (red and black) with safety shrouded, standard diameter banana plugs
- Right angle connector on one end and straight connector on the other
- Reinforced strain relief
- 1.5 Meter silicone-insulated wire resists heat and cold
- CAT IV 600V, CAT III 1,000V, 10A Rating, UL listed

FLUKE



Part #	Mfg #	Description
LED00382	TL224	SureGrip™ Insulated

TLK220 EUR SureGrip™ Industrial Test Lead Kit

- Includes:
 - SureGrip™ Alligator clip set (AC220)
 - SureGrip™ Large jaw alligator clip set (AC285)
 - Lantern tip test probes (TP74)
 - SureGrip™ Silicone test lead set (TL224)
 - Large zippered soft case with moveable divider

FLUKE



Part #	Mfg #	Description
KIT09672	TLK220	EUR SureGrip™ Industrial Test Lead Kit

Test Instrument Accessories

TwistGuard™ Test Leads

- Extendable tip shroud to reduce tip exposure
- WearGuard™ Lead wire wear indication
- Double insulated silicone leads
- Extra-heavy duty strain relief on both probe-end and plug-end
- Universal input plugs
- Ratings: CAT II 1,000V, CAT III 1,000V, CAT IV 600V, 10A maximum, pollution degree 2



Part #	Mfg #	Description
KIT16143	TL175	TwistGuard™ Test Leads
KIT16144	TL175E	TwistGuard™ Test Leads with 4mm Lantern Tips

Meter Accessories

ToolPak™

- Combine components to meet most hanging needs
- Includes:
 - Universal hanger clips
 - (2) Hook and loop straps (2 lengths)
 - Strong magnet



Part #	Mfg #	Description
KIT07904	TPAK	Meter Hanging Kit

Multimeter Specialty Accessories



Part #	Mfg #	Description
ADP01159	80AK-A	K-Type Thermocouple Adapter
TCP00121	80BK-A	DMM Temperature Probe

Temperature Accessories

80PK-1 Bead Probe

- Measurement range: -40°C to 260°C



Part #	Mfg #	Description
TCP00096	80PK-1	K-Type Thermocouple

80PK-8 Pipe Clamp Temperature Probe

- For fast temperature and superheat measurements of pipe surface
- Durable ribbon sensor
- Measurement range: -29°C to 149°C for pipe diameters from 6.4 to 34.9mm



Part #	Mfg #	Description
TCP00097	80PK-8	K-Type Thermocouple

Test Probes

TLK225 SureGrip™ Master Accessory Set

- Includes:
 - SureGrip™ Alligator clip set (AC220)
 - SureGrip™ Hook clip set (AC280)
 - SureGrip™ Pincer clip set (AC283)
 - SureGrip™ Large jaw alligator clip set (AC285)
 - SureGrip™ Test probe set (TP220)
 - SureGrip™ Silicone test lead set (TL224)
 - 6-Pocket storage pouch



Part #	Mfg #	Description
KIT12257	TLK225	SureGrip™ Master Accessory Set

TP1 Slim Reach Test Probe

- 1-Pair (red and black) of slender probe bodies for probing closely spaced or recessed terminals
- Hard stainless steel probe tips
- Flat blade design to hold securely in blade type electrical wall sockets
- CAT IV 600V, CAT III 1,000V, 10A Rating, UL listed
- 1-Year warranty



Part #	Mfg #	Description
TOL01685	TP1	Flat Blade Slim Reach Test Probes

TP88 Rigid Back Probe Pin

- 2" Long rigid back probe pins
- Slides onto test probes measuring 2mm
- Tested to 60VDC



Part #	Mfg #	Description
TOL02874	TP88	Rigid Back Probe Pins

Test Instrument Accessories

TP220 SureGrip™ Industrial Test Probe

- 1-Pair (red and black) of Industrial test probes
- Sharp, 12mm stainless steel tip provides reliable contact
- Flexible finger barrier improves grip
- Recommended for use with TL222 and TL224 test leads
- CAT IV 600V; CAT III 1,000V, 10A Rating, UL listed
- 1-Year warranty



Part #	Mfg #	Description
TOL01954	TP220	SureGrip™ Industrial Test Probes

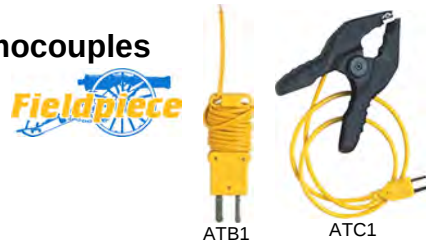
Universal Replacement Thermocouple

- Stainless steel element construction for prolonged life
- Each kit enclosed in plastic
- Universal adapter fittings included with each kit



Part #	Mfg #	Description
TCP00090	H06E-18	18" Standard Thermocouple
TCP00091	H06E-24	24" Standard Thermocouple
TCP00092	H06E-30	30" Standard Thermocouple
TCP00093	H06E-36	36" Standard Thermocouple

K-Type Thermocouples



Part #	Mfg #	Description
SEN00854	ATB1	Beaded Style w/Teflon Insulation
SEN00856	ATC1	Pipe Clamp (1-1/8" Opening)

Thermocouples

K19 Series - "Super Slim Jim™" Universal Replacement Thermocouple

- Millivolt range: 25 - 35 mV



Part #	Mfg #	Length	Carton Quantity
TCP00124	K19AT-36H	36"	10

Q340 Universal 30 mV Thermocouple

- Includes push-in clip, split nut and adapter assembly for easy pilot burner installation
- Male nut connector for Pilotstat™ safety control power units



Part #	Mfg #	Description
SEN00665	Q340A1090	36" Lead, 11/32" 32 Male Connector Nut

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