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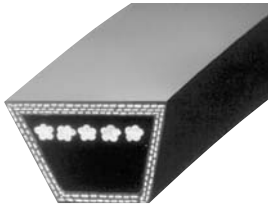
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Air Handling Components

Belts



BELTS BY BROWNING

Fractional Horsepower Belt Series

3L Belts

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
BLL00318	3L150	15.0	14.3	
BLL00360	3L180	18.0	17.3	
BLL00319	3L190	19.0	18.3	
BLL00350	3L200	20.0	19.3	
B00072	3L210	21.0	20.3	
B00419	3L220	22.0	21.3	
B00061	3L230	23.0	22.3	
B00213	3L240	24.0	23.3	
B00214	3L250	25.0	24.3	
B00215	3L260	26.0	25.3	
B00216	3L270	27.0	26.3	
B00350	3L280	28.0	27.3	
B00420	3L290	29.0	28.3	
B00421	3L300	30.0	29.3	
B00422	3L310	31.0	30.3	
B00423	3L320	32.0	31.3	
B00424	3L330	33.0	32.3	
B00425	3L340	34.0	33.3	
B00426	3L350	35.0	34.3	
B00427	3L360	36.0	35.3	
B00428	3L370	37.0	36.3	
B00030	3L380	38.0	37.3	
B00429	3L390	39.0	38.3	
B00430	3L400	40.0	39.3	
B00351	3L410	41.0	40.3	
B00431	3L420	42.0	41.3	
B00352	3L430	43.0	42.3	
B00432	3L440	44.0	43.3	
B00433	3L450	45.0	44.3	
B00434	3L460	46.0	45.3	
B00435	3L470	47.0	46.3	
B00436	3L480	48.0	47.3	
B00437	3L490	49.0	48.3	
BLL00082	3L530	50.0	49.3	

4L Belts

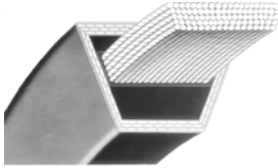
BLL00343	4L190	19.0	18.0	
BLL00345	4L200	20.0	19.0	
BLL00344	4L210	21.0	20.0	
BLL00315	4L220	22.0	21.0	
B00807	4L230	23.0	22.0	
B00802	4L240	24.0	23.0	
BLL00316	4L250	25.0	24.0	
BLL00317	4L260	26.0	25.0	
BLL00077	4L270	27.0	26.0	
B00249	4L280	28.0	27.0	
B00438	4L290	29.0	28.0	
B00818	4L300	30.0	29.0	
B00816	4L310	31.0	30.0	
B00001	4L320	32.0	31.0	
B00077	4L330	33.0	32.0	
B00088	4L340	34.0	33.0	
B00005	4L350	35.0	34.0	
B00007	4L360	36.0	35.0	
B00008	4L370	37.0	36.0	
B00022	4L380	38.0	37.0	
B00126	4L390	39.0	38.0	
B00018	4L400	40.0	39.0	
B00026	4L410	41.0	40.0	
BLL00276	4L415	41.5	40.5	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
B00024	4L420	42.0	41.0	
B00105	4L430	43.0	42.0	
B00031	4L440	44.0	43.0	
B00029	4L450	45.0	44.0	
B00027	4L460	46.0	45.0	
B00084	4L470	47.0	46.0	
B00354	4L480	48.0	47.0	
B00023	4L490	49.0	48.0	
B00025	4L500	50.0	49.0	
B00074	4L510	51.0	50.0	
B00065	4L520	52.0	51.0	
B00067	4L530	53.0	52.0	
B00099	4L540	54.0	53.0	
B00141	4L550	55.0	54.0	
B00355	4L560	56.0	55.0	
B00356	4L570	57.0	56.0	
B00144	4L580	58.0	57.0	
B00145	4L590	59.0	58.0	
B00357	4L600	60.0	59.0	
B00439	4L610	61.0	60.0	
B00133	4L620	62.0	61.0	
B00101	4L630	63.0	62.0	
B00440	4L640	64.0	63.0	
B00132	4L650	65.0	64.0	
B00358	4L660	66.0	65.0	
B00441	4L670	67.0	66.0	
B00359	4L680	68.0	67.0	
B00085	4L690	69.0	68.0	
B00062	4L700	70.0	69.0	
B00360	4L710	71.0	70.0	
B00038	4L720	72.0	71.0	
B00442	4L730	73.0	72.0	
B00009	4L740	74.0	73.0	
B00013	4L750	75.0	74.0	
BLL00325	4L760	76.0	75.0	
B00361	4L780	78.0	77.0	
B00032	4L790	79.0	78.0	
5L Belts				
B00826	5L270	27.0	25.8	
BLL00277	5L300	30.0	28.8	
BLL00278	5L310	31.0	29.8	
BLL00279	5L320	32.0	30.8	
BLL00280	5L330	33.0	31.8	
BLL00281	5L340	34.0	32.8	
BLL00282	5L350	35.0	33.8	
BLL00283	5L360	36.0	34.8	
BLL00284	5L370	37.0	35.8	
B00004	5L380	38.0	36.8	
B00443	5L390	39.0	37.8	
B00444	5L400	40.0	38.8	
B00002	5L410	41.0	39.8	
B00445	5L420	42.0	40.8	
B00823	5L430	43.0	41.8	
B00446	5L440	44.0	42.8	
B00800	5L450	45.0	43.8	
B00806	5L460	46.0	44.8	
B00447	5L470	47.0	45.8	
B00821	5L480	48.0	46.8	
B00362	5L490	49.0	47.8	
B00142	5L500	50.0	48.8	
B00448	5L510	51.0	49.8	
B00363	5L520	52.0	50.8	
B00449	5L530	53.0	51.8	
B00801	5L540	54.0	52.8	
B00450	5L550	55.0	53.8	
B00019	5L560	56.0	54.8	
B00451	5L570	57.0	55.8	
B00020	5L580	58.0	56.8	
B00452	5L590	59.0	57.8	
B00370	5L600	60.0	58.8	
BLL00372	5L620	62.0	60.8	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
B00364	5L630	63.0	61.8	
BLL00285	5L640	64.0	62.8	
B00390	5L650	65.0	63.8	
B00003	5L660	66.0	64.8	
B00365	5L680	68.0	66.8	
B00014	5L690	69.0	67.8	
B00011	5L720	72.0	70.8	
B00071	5L780	78.0	76.8	
BLL00946	5L830	83.0	81.8	

Super Grip Belts

A Belts

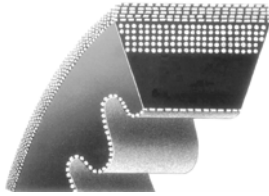


BLL00346	A23	25.2	24.3	
BLL00362	A24	26.2	25.3	
BLL00347	A25	27.2	26.3	
B00263	A26	28.2	27.3	
BLL00359	A27	29.2	28.3	
BLL00348	A28	30.2	29.3	
BLL00305	A29	31.2	30.3	
B00453	A30	32.2	31.3	
B00313	A31	33.2	32.3	
B00314	A32	34.2	33.3	
B00315	A33	35.2	34.3	
BLL00035	A34	36.2	35.3	
B00317	A35	37.2	36.3	
B00318	A36	38.2	37.3	
BLL00036	A37	39.2	38.3	
B00078	A38	40.2	39.3	
B00319	A39	41.2	40.3	
B00381	A40	42.2	41.3	
B00222	A41	43.2	42.3	
B00042	A42	44.2	43.3	
B00075	A43	45.2	44.3	
B00378	A44	46.2	45.3	
B00221	A45	47.2	46.3	
B00143	A46	48.2	47.3	
B00454	A47	49.2	48.3	
B00076	A48	50.2	49.3	
B00320	A49	51.2	50.3	
B00388	A50	52.2	51.3	
B00128	A51	53.2	52.3	
B00389	A52	54.2	53.3	
B00089	A53	55.2	54.3	
B00073	A54	56.2	55.3	
B00053	A55	57.2	56.3	
B00069	A56	58.2	57.3	
BLL00001	A57	59.2	58.3	
B00068	A58	60.2	59.3	
BLL00201	A59	61.2	60.3	
B00220	A60	62.2	61.3	
BLL00081	A61	63.2	62.3	
B00052	A62	64.2	63.3	
BLL00039	A63	65.2	64.3	
B00154	A64	66.2	65.3	
BLL00287	A65	67.2	66.3	
B00134	A66	68.2	67.3	
B00395	A67	69.2	68.3	
B00035	A68	70.2	69.3	
B00491	A69	71.2	70.3	
B00178	A70	72.2	71.3	
B00036	A71	73.2	72.3	
B00492	A72	74.2	73.3	
B00493	A73	75.2	74.3	
BLL00040	A74	76.2	75.3	
B00045	A75	77.2	76.3	
BLL00288	A76	78.2	77.3	
B00494	A77	79.2	78.3	
B00102	A78	80.2	79.3	
BLL00041	A79	81.2	80.3	
B00063	A80	82.2	81.3	
B00403	A81	83.2	82.3	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
B00507	A82	84.2	83.3	
BLL00043	A83	85.2	84.3	
BLL00037	A84	86.2	85.3	
B00041	A85	87.2	86.3	
BLL00395	A86	88.2	87.3	
BLL00333	A88	90.2	89.3	
B00402	A89	91.2	90.3	
B00040	A90	92.2	91.3	
BLL00038	A92	94.2	93.3	
BLL00336	A95	97.2	96.3	
B00086	A96	98.2	97.3	
BLL00392	A97	99.2	98.3	
BLL00042	A100	102.2	101.3	
BLL00606	A103	105.2	104.3	
B00093	A105	107.2	106.3	
B00270	A110	112.2	111.3	
B00271	A112	114.2	113.3	
B00272	A120	122.2	121.3	
B00273	A128	130.2	129.3	
B00371	A136	138.2	137.3	
BLL00369	A158	160.2	159.3	
BLL00382	A173	175.2	174.3	
B Belts				
BLL00355	B28	31.0	29.8	
BLL00356	B31	34.0	32.8	
BLL00357	B32	35.0	33.8	
BLL00330	B33	36.0	34.8	
BLL00053	B34	37.0	35.8	
BLL00304	B35	38.0	36.8	
BLL00358	B36	39.0	37.8	
BLL00303	B37	40.0	38.8	
BLL00312	B38	41.0	39.8	
BLL00139	B39	42.0	40.8	
BLL00045	B40	43.0	41.8	
BLL00289	B41	44.0	42.8	
B00120	B42	45.0	43.8	
BLL00290	B43	46.0	44.8	
B00383	B44	47.0	45.8	
BLL00046	B45	48.0	46.8	
B00276	B46	49.0	47.8	
BLL00050	B47	50.0	48.8	
B00277	B48	51.0	49.8	
B00400	B49	52.0	50.8	
B00153	B50	53.0	51.8	
B00278	B51	54.0	52.8	
B00090	B52	55.0	53.8	
B00152	B53	56.0	54.8	
B00279	B54	57.0	55.8	
B00280	B55	58.0	56.8	
B00070	B56	59.0	57.8	
B00404	B57	60.0	58.8	
B00253	B58	61.0	59.8	
B00281	B59	62.0	60.8	
B00282	B60	63.0	61.8	
B00122	B61	64.0	62.8	
B00123	B62	65.0	63.8	
B00283	B63	66.0	64.8	
B00284	B64	67.0	65.8	
B00285	B65	68.0	66.8	
B00286	B66	69.0	67.8	
B00287	B67	70.0	68.8	
B00248	B68	71.0	69.8	
B00495	B69	72.0	70.8	
B00243	B70	73.0	71.8	
B00288	B71	74.0	72.8	
B00505	B72	75.0	73.8	
B00368	B73	76.0	74.8	
B00506	B74	77.0	75.8	
B00254	B75	78.0	76.8	
B00398	B76	79.0	77.8	
B00264	B77	80.0	78.8	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
B00289	B78	81.0	79.8	
B00290	B79	82.0	80.8	
B00242	B80	83.0	81.8	
B00291	B81	84.0	82.8	
B00292	B82	85.0	83.8	
B00046	B83	86.0	84.8	
BLL00047	B84	87.0	85.8	
B00047	B85	88.0	86.8	
BLL00054	B86	89.0	87.8	
BLL00048	B87	90.0	88.8	
B00177	B88	91.0	89.8	
B00496	B89	92.0	90.8	
B00265	B90	93.0	91.8	
BLL00092	B91	94.0	92.8	
BLL00055	B92	95.0	93.8	
B00293	B93	96.0	94.8	
BLL00049	B94	97.0	95.8	
B00100	B95	98.0	96.8	
B00261	B96	99.0	97.8	
B00096	B97	100.0	98.8	
B00508	B98	101.0	99.8	
B00294	B99	102.0	100.8	
B00095	B100	103.0	101.8	
BLL00609	B101	104.0	102.8	
B00295	B103	106.0	104.8	
B00048	B105	108.0	106.8	
B00296	B108	111.0	109.8	
BLL00334	B111	114.0	112.8	
B00049	B112	115.0	113.8	
B00297	B116	119.0	117.8	
B00051	B120	123.0	121.8	
B00113	B124	127.0	125.8	
B00050	B128	131.0	129.8	
B00298	B133	136.0	134.8	
B00299	B136	139.0	137.8	
B00300	B140	143.0	141.8	
B00301	B144	147.0	145.8	
BLL00056	B148	151.0	149.3	
BLL00430	B150	153.0	151.8	
B00392	B154	157.0	155.8	
B00302	B158	161.0	159.8	
BLL00291	B173	176.0	174.8	
BLL00373	B190	193.0	191.8	
BLL00052	B195	198.0	196.8	
C Belts				
BLL00370	C60	64.2	62.9	
BLL00388	C68	72.2	70.9	
BLL00416	C72	76.2	74.9	
B00303	C75	79.2	77.9	
B00304	C81	85.2	83.9	
B00305	C85	89.2	87.9	
B00306	C90	94.2	92.9	
B00239	C96	100.2	98.9	
BLL00396	C99	103.2	101.9	
B00372	C100	104.2	102.9	
B00233	C105	109.2	107.9	
BLL00399	C108	112.2	110.9	
B00307	C109	113.2	111.9	
B00240	C112	116.2	114.9	
B00367	C115	119.2	117.9	
B00308	C120	124.2	122.9	
B00309	C128	132.2	130.9	
B00310	C136	140.2	138.9	
B00311	C144	148.2	146.9	
B00312	C158	162.2	160.9	
BLL00429	C162	166.2	164.9	
BLL00292	C173	177.2	175.9	
BLL00390	C180	184.2	182.9	
BLL00363	C195	199.2	197.9	
BLL00293	C210	214.2	212.9	
BLL00341	C225	227.2	225.9	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
BLL00368	C240	242.2	240.9	
BLL00427	C285	287.2	285.9	

Gripnotch Belts
AX Belts


SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
BLL00431	AX21	23.2	22.3	
BLL00432	AX22	24.2	23.3	
BLL00433	AX23	25.2	24.3	
BLL00434	AX24	26.2	25.3	
BLL00435	AX25	27.2	26.3	
BLL00044	AX26	28.2	27.3	
BLL00436	AX27	29.2	28.3	
BLL00084	AX28	30.2	29.3	
BLL00437	AX29	31.2	30.3	
BLL00438	AX30	32.2	31.3	
BLL00078	AX31	33.2	32.3	
BLL00439	AX32	34.2	33.3	
BLL00083	AX33	35.2	34.3	
BLL00269	AX34	36.2	35.3	
BLL00080	AX35	37.2	36.3	
BLL00079	AX36	38.2	37.3	
BLL00270	AX37	39.2	38.3	
B00477	AX38	40.2	39.3	
BLL00440	AX39	41.2	40.3	
BLL00441	AX40	42.2	41.3	
BLL00442	AX41	43.2	42.3	
B00418	AX42	44.2	43.3	
B00396	AX43	45.2	44.3	
BLL00443	AX44	46.2	45.3	
BLL00444	AX45	47.2	46.3	
B00260	AX46	48.2	47.3	
BLL00445	AX47	49.2	48.3	
B00259	AX48	50.2	49.3	
BLL00446	AX49	51.2	50.3	
BLL00447	AX50	52.2	51.3	
B00185	AX51	53.2	52.3	
BLL00448	AX52	54.2	53.3	
B00166	AX53	55.2	54.3	
B00173	AX54	56.2	55.3	
B00191	AX55	57.2	56.3	
B00184	AX56	58.2	57.3	
BLL00449	AX57	59.2	58.3	
BLL00450	AX58	60.2	59.3	
BLL00451	AX59	61.2	60.3	
B00156	AX60	62.2	61.3	
BLL00452	AX61	63.2	62.3	
B00197	AX62	64.2	63.3	
BLL00453	AX63	65.2	64.3	
B00196	AX64	66.2	65.3	
BLL00454	AX65	67.2	66.3	
B00262	AX66	68.2	67.3	
BLL00455	AX67	69.2	68.3	
B00384	AX68	70.2	69.3	
BLL00456	AX69	71.2	70.3	
B00323	AX70	72.2	71.3	
B00324	AX71	73.2	72.3	
BLL00457	AX72	74.2	73.3	
BLL00458	AX73	75.2	74.3	
BLL00459	AX74	76.2	75.3	
B00225	AX75	77.2	76.3	
BLL00460	AX76	78.2	77.3	
BLL00461	AX77	79.2	78.3	
B00202	AX78	80.2	79.3	
BLL00462	AX79	81.2	80.3	
B00157	AX80	82.2	81.3	
BLL00463	AX81	83.2	82.3	
BLL00464	AX82	84.2	83.3	
BLL00465	AX83	85.2	84.3	
BLL00466	AX84	86.2	85.3	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
B00203	AX85	87.2	86.3	
BLL00467	AX86	88.2	87.3	
BLL00468	AX87	89.2	88.3	
BLL00469	AX88	90.2	89.3	
BLL00470	AX89	91.2	90.3	
B00211	AX90	92.2	91.3	
BLL00471	AX91	93.2	92.3	
BLL00321	AX92	94.2	93.3	
BLL00472	AX93	95.2	94.3	
BLL00473	AX94	96.2	95.3	
BLL00474	AX95	97.2	96.3	
B00210	AX96	98.2	97.3	
BLL00475	AX97	99.2	98.3	
BLL00476	AX98	100.2	99.3	
BLL00477	AX100	102.2	101.3	
B00325	AX105	107.2	106.3	
BLL00271	AX110	112.2	111.3	
B00326	AX112	114.2	113.3	
B00327	AX120	122.2	121.3	
BLL00272	AX128	130.2	129.3	
BLL00273	AX136	138.2	137.3	
BLL00274	AX144	146.2	145.3	
BX Belts				
BLL00478	BX28	31.0	29.8	
BLL00479	BX32	35.0	33.8	
BLL00480	BX34	37.0	35.8	
BLL00322	BX35	38.0	36.8	
BLL00481	BX36	39.0	37.8	
BLL00326	BX38	41.0	39.8	
BLL00482	BX40	43.0	41.8	
BLL00483	BX41	44.0	42.8	
BLL00138	BX42	45.0	43.8	
BLL00484	BX43	46.0	44.8	
BLL00485	BX44	47.0	45.8	
BLL00486	BX45	48.0	46.8	
B00190	BX46	49.0	47.8	
BLL00487	BX47	50.0	48.8	
B00189	BX48	51.0	49.8	
BLL00488	BX49	51.0	50.8	
B00188	BX50	53.0	51.8	
B00328	BX51	54.0	52.8	
B00187	BX52	55.0	53.8	
B00474	BX53	56.0	54.8	
B00207	BX54	57.0	55.8	
B00169	BX55	58.0	56.8	
B00167	BX56	59.0	57.8	
BLL00400	BX57	60.0	58.8	
BLL00332	BX58	61.0	59.8	
B00192	BX59	62.0	60.8	
B00195	BX60	63.0	61.8	
B00227	BX61	64.0	62.8	
B00194	BX62	65.0	63.8	
B00208	BX63	66.0	64.8	
B00193	BX64	67.0	65.8	
B00201	BX65	68.0	66.8	
B00329	BX66	69.0	67.8	
B00200	BX67	70.0	68.8	
B00237	BX68	71.0	69.8	
B00330	BX70	73.0	71.8	
B00209	BX71	74.0	72.8	
BLL00489	BX72	75.0	73.8	
BLL00490	BX73	76.0	74.8	
BLL00491	BX74	77.0	75.8	
B00229	BX75	78.0	76.8	
BLL00492	BX76	79.0	77.8	
B00217	BX77	80.0	78.8	
B00218	BX78	81.0	79.8	
B00331	BX79	82.0	80.8	
B00160	BX80	83.0	81.8	
B00332	BX81	84.0	82.8	
B00499	BX82	85.0	83.8	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
B00204	BX83	86.0	84.8	
BLL00493	BX84	87.0	85.8	
B00158	BX85	88.0	86.8	
BLL00494	BX86	89.0	87.8	
BLL00495	BX87	90.0	88.8	
BLL00496	BX88	91.0	89.8	
BLL00497	BX89	92.0	90.8	
B00206	BX90	93.0	91.8	
BLL00498	BX91	94.0	92.8	
BLL00499	BX92	95.0	93.8	
B00162	BX93	96.0	94.8	
BLL00500	BX94	97.0	95.8	
B00176	BX95	98.0	96.8	
B00212	BX96	99.0	97.8	
B00174	BX97	100.0	98.8	
BLL00501	BX98	101.0	99.8	
B00468	BX99	102.0	100.8	
B00205	BX100	103.0	101.8	
B00230	BX103	106.0	104.8	
B00175	BX105	108.0	106.8	
BLL00502	BX106	109.0	107.8	
BLL00019	BX108	111.0	109.8	
B00267	BX112	115.0	113.8	
BLL00381	BX113	116.0	114.8	
BLL00335	BX115	118.0	116.8	
B00266	BX116	119.0	117.8	
B00334	BX120	123.0	121.8	
BLL00504	BX123	126.0	122.8	
B00335	BX124	127.0	123.8	
BLL00505	BX126	129.0	127.8	
B00336	BX128	131.0	129.8	
BLL00064	BX133	136.0	134.8	
B00269	BX136	139.0	137.8	
BLL00506	BX140	143.0	141.8	
B00337	BX144	147.0	145.8	
BLL00507	BX148	151.0	149.8	
B00338	BX150	153.0	151.8	
BLL00508	BX154	157.0	155.8	
B00339	BX158	161.0	159.8	
B00340	BX162	165.0	163.8	
B00341	BX173	176.0	174.8	
BLL00057	BX180	183.0	181.8	
BLL00509	BX191	194.0	192.8	
B00489	BX195	198.0	196.8	
BLL00294	BX210	213.0	211.8	
BLL00510	BX225	228.0	226.8	
BLL00295	BX240	241.5	241.8	
CX Belts				
BLL00511	CX55	59.2	57.9	
B00172	CX60	64.2	62.9	
BLL00337	CX68	72.2	70.9	
BLL00512	CX72	76.2	74.9	
BLL00296	CX75	79.2	77.9	
BLL00513	CX78	82.2	80.9	
B00219	CX81	85.2	83.9	
B00399	CX90	94.2	92.9	
B00164	CX96	100.2	98.9	
BLL00514	CX100	104.2	102.9	
B00333	CX101	105.2	103.9	
B00163	CX105	109.2	107.9	
B00394	CX109	113.2	111.9	
BLL00515	CX111	115.2	113.9	
B00241	CX112	116.2	114.9	
BLL00516	CX115	119.2	117.9	
B00344	CX120	124.2	122.9	
B00345	CX128	132.2	130.9	
B00346	CX136	140.2	138.9	
B00347	CX144	148.2	146.9	
BLL00517	CX148	152.2	150.9	
B00349	CX150	154.2	152.9	
B00348	CX158	162.2	160.9	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
BLL00297	CX162	166.2	164.9	
BLL00298	CX173	177.2	175.9	
BLL00299	CX180	184.2	182.9	
BLL00300	CX195	199.2	197.9	
BLL00301	CX210	214.2	212.9	
BLL00518	CX225	229.2	227.9	
BLL00302	CX240	242.2	240.9	
BLL00519	CX255	259.2	257.9	
BLL00520	CX300	304.2	302.9	
BLL00521	CX330	334.2	332.9	
BLL00522	CX360	364.2	362.9	

"358" Grip Belts

3VX Belts

BLL00202	3VX250	25.0		
BLL00203	3VX265	26.5		
BLL00204	3VX280	28.0		
BLL00205	3VX300	30.0		
BLL00206	3VX315	31.5		
BLL00207	3VX335	33.5		
BLL00208	3VX355	35.5		
BLL00209	3VX375	37.5		
BLL00210	3VX400	40.0		
BLL00211	3VX425	42.5		
BLL00212	3VX450	45.0		
BLL00213	3VX475	47.5		
BLL00214	3VX500	50.0		
BLL00215	3VX530	53.0		
BLL00216	3VX560	56.0		
BLL00217	3VX600	60.0		
BLL00218	3VX630	63.0		
BLL00219	3VX670	67.0		
BLL00220	3VX710	71.0		
BLL00221	3VX750	75.0		
BLL00222	3VX800	80.0		
BLL00223	3VX850	85.0		
BLL00224	3VX900	90.0		
BLL00225	3VX950	95.0		
BLL00226	3VX1000	100.0		
BLL00227	3VX1060	106.0		
BLL00228	3VX1120	112.0		
BLL00389	3VX1180	118.0		
BLL00229	3VX1250	125.0		
BLL00230	3VX1320	132.0		
BLL00231	3VX1400	140.0		

5V Belts

BLL00286	5V2120	212.0		
BLL00349	5V2240	224.0		
BLL00604	5V2360	236.0		
BLL00365	5V2650	265.0		
BLL00385	5V2800	280.0		

5VX Belts

BLL00232	5VX450	45.0		
BLL00233	5VX470	47.0		
BLL00234	5VX490	49.0		
BLL00235	5VX500	50.0		
BLL00236	5VX510	51.0		
BLL00237	5VX530	53.0		
BLL00238	5VX540	54.0		
BLL00239	5VX550	55.0		
B00476	5VX560	56.0		
BLL00240	5VX570	57.0		
BLL00241	5VX580	58.0		
BLL00242	5VX590	59.0		
B00465	5VX600	60.0		
BLL00243	5VX610	61.0		
B00466	5VX630	63.0		
BLL00244	5VX650	65.0		
BLL00245	5VX660	66.0		
B00467	5VX670	67.0		

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE LENGTH	PITCH LENGTH	PRICE
BLL00246	5VX680	68.0		
BLL00247	5VX690	69.0		
B00509	5VX710	71.0		
BLL00248	5VX730	73.0		
BLL00249	5VX740	74.0		
B00472	5VX750	75.0		
BLL00250	5VX780	78.0		
B00511	5VX800	80.0		
BLL00251	5VX810	81.0		
BLL00252	5VX830	83.0		
BLL00253	5VX840	84.0		
B00473	5VX850	85.0		
BLL00254	5VX860	86.0		
BLL00255	5VX880	88.0		
B00469	5VX900	90.0		
BLL00256	5VX930	93.0		
B00486	5VX950	95.0		
BLL00257	5VX960	96.0		
B00471	5VX1000	100.0		
BLL00258	5VX1030	103.0		
B00470	5VX1060	106.0		
BLL00259	5VX1080	108.0		
B00458	5VX1120	112.0		
BLL00260	5VX1150	115.0		
BLL00261	5VX1180	118.0		
BLL00262	5VX1230	123.0		
B00457	5VX1250	125.0		
B00498	5VX1320	132.0		
BLL00263	5VX1400	140.0		
BLL00264	5VX1500	150.0		
BLL00265	5VX1600	160.0		
BLL00266	5VX1700	170.0		
BLL00267	5VX1800	180.0		
BLL00268	5VX1900	190.0		
B00382	5VX2000	200.0		

Bearings



BEARINGS BY SEALMASTER

SERVICEFIRST ITEM NO.	BORE SIZE	PRICE
2 Bolt Flange		
BRG00646	1 ⁵ / ₁₆ "	
BRG00647	1 ³ / ₁₆ "	
BRG00648	1 ⁷ / ₁₆ "	
BRG00641	1 ⁵ / ₁₆ "	
BRG00642	1 ¹³ / ₁₆ "	
4 Bolt Flange		
BRG00643	1 ¹¹ / ₁₆ "	
BRG00644	2 ³ / ₁₆ "	
BRG00645	2 ⁷ / ₁₆ "	
Pillow Block		
BRG00649	1 ³ / ₁₆ "	
BRG00650	1 ⁷ / ₁₆ "	
BRG00651	1 ¹¹ / ₁₆ "	
BRG00652	2 ³ / ₁₆ "	

Sheaves

SINGLE GROVE SHEAVES BY BROWNING

AL Sheaves

Finished Bore; For 4L or A Belts

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	PITCH	BORE SIZE	PRICE
SHE01004	AL54	4.93	4.78°	5/8"	
SHE00868	AL54	4.93	4.78°	3/4"	
SHE00900	AL64	5.93	5.78°	5/8"	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	PITCH	BORE SIZE	PRICE
SHE00607	AL64	5.93	5.78°	¾"	
SHE00048	AL64	5.93	5.78°	1"	
SHE00949	AL74	6.93	6.78°	¾"	
SHE00654	AL74	6.93	6.78°	1"	
SHE00083	AL84	7.93	7.78°	¾"	
SHE00733	AL84	7.93	7.78°	1"	
SHE00082	AL94	8.93	8.78°	¾"	
SHE00603	AL94	8.93	8.78°	1"	
SHE00084	AL104	9.93	9.78°	¾"	
SHE00334	AL104	9.93	9.78°	1"	
SHE01463	AL114	10.93	10.78°	¾"	
SHE00282	AL114	10.93	10.78°	1"	
SHE01142	AL124	11.93	11.78°	1"	

AK Sheaves

Finished Bore; For 4L or A Belts (3L as indicated)

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A/4L BELTS	PITCH DIA. 3L BELTS	BORE SIZE	PRICE
SHE00683	AK20	2.00	1.80	1.46	½"	
SHE00109	AK20	2.00	1.80	1.46	5/8"	
SHE00684	AK20	2.00	1.80	1.46	¾"	
SHE00111	AK21	2.10	1.90	1.56	½"	
SHE00127	AK21	2.10	1.90	1.56	5/8"	
SHE00685	AK23	2.30	2.10	1.76	½"	
SHE00120	AK23	2.30	2.10	1.76	5/8"	
SHE00686	AK23	2.50	2.30	1.76	¾"	
SHE01141	AK25	2.60	2.40	1.96	5/8"	
SHE00341	AK26	2.60	2.40	2.06	½"	
SHE00687	AK26	2.60	2.40	2.06	5/8"	
SHE00688	AK26	2.70	2.40	2.06	¾"	
SHE01140	AK27	2.80	2.50	2.16	5/8"	
SHE01134	AK28	2.80	2.60	2.26	½"	
SHE01105	AK28	2.80	2.60	2.26	5/8"	
SHE01305	AK28	3.05	2.60	2.26	¾"	
SHE01020	AK30	3.05	2.80	2.46	½"	
SHE01042	AK30	3.25	2.80	2.46	5/8"	
SHE01115	AK32	3.25	3.00	2.66	½"	
SHE01104	AK32	3.25	3.00	2.66	5/8"	
SHE00837	AK32	3.25	3.00	2.66	¾"	
SHE00811	AK32	3.45	3.00	2.66	7/8"	
SHE01022	AK34	3.45	3.20	2.86	½"	
SHE01023	AK34	3.45	3.20	2.86	5/8"	
SHE01304	AK34	3.45	3.20	2.86	¾"	
SHE01033	AK34	3.75	3.20	2.86	7/8"	
SHE01024	AK39	3.75	3.50	3.16	½"	
SHE01025	AK39	3.75	3.50	3.16	5/8"	
SHE01303	AK39	3.75	3.50	3.16	¾"	
SHE01028	AK39	3.75	3.50	3.16	7/8"	
SHE00493	AK39	3.75	3.50	3.16	15/16"	
SHE01109	AK41	3.95	3.50	3.36	5/8"	
SHE01130	AK41	3.95	3.70	3.36	7/8"	
SHE00166	AK41	3.95	3.70	3.36	15/16"	
SHE01030	AK44	4.25	4.00	3.66	5/8"	
SHE00499	AK44	4.25	4.00	3.66	15/16"	
SHE01046	AK44	4.25	4.00	3.66	1 1/8"	
SHE01045	AK46	4.25	4.20	3.86	5/8"	
SHE01302	AK46	4.45	4.20	3.86	5/8"	
SHE00500	AK46	4.45	4.20	3.86	15/16"	
SHE01044	AK46	4.45	4.20	3.86	1 1/8"	
SHE01108	AK49	4.75	4.50	4.16	5/8"	
SHE00325	AK49	4.75	4.50	4.16	15/16"	
SHE01107	AK51	4.95	4.70	4.36	5/8"	
SHE00133	AK51	4.95	4.78	4.36	¾"	
SHE00503	AK54	5.25	5.00	4.66	15/16"	
SHE00504	AK54	5.25	5.00	4.66	1 3/16"	
SHE00505	AK56	5.45	5.20	4.86	15/16"	
SHE01029	AK56	5.45	5.20	4.86	1"	
SHE00506	AK56	5.45	5.20	4.86	1 3/16"	
SHE01047	AK59	5.75	5.50	5.16	5/8"	
SHE00055	AK59	5.75	5.50	5.16	¾"	
SHE00509	AK59	5.75	5.50	5.16	15/16"	
SHE01116	AK59	5.75	5.50	5.16	1"	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A/4L BELTS	PITCH DIA. 3L BELTS	BORE SIZE	PRICE
SHE00734	AK61	5.95	5.70	5.36	5/8"	
SHE00909	AK61	5.95	5.70	5.36	7/8"	
SHE00510	AK61	5.95	5.70	5.36	15/16"	
SHE01027	AK61	5.95	5.70	5.36	1"	
SHE00157	AK64	6.25	6.00	5.66	15/16"	
SHE01114	AK64	6.25	6.00	5.66	1"	
SHE01036	AK66	6.45	6.20	5.86	7/8"	
SHE01010	AK69	6.75	6.50	6.16	1"	
SHE01031	AK71	6.95	6.70	6.36	1"	
SHE00065	AK74	7.25	7.00	6.66	15/16"	
SHE00981	AK74	7.25	7.00	6.66	1"	
SHE00520	AK74	7.25	7.00	6.66	13/16"	
SHE01009	AK79	7.25	7.50	7.16	1"	
SHE00522	AK84	8.25	8.00	7.66	15/16"	
SHE01021	AK84	8.25	8.00	7.66	1"	
SHE00247	AK84	8.25	8.00	7.66	13/16"	
SHE01019	AK89	8.75	8.50	8.16	1"	
SHE00525	AK94	9.25	9.00	8.66	15/16"	
SHE00246	AK94	9.25	9.00	8.66	1"	
SHE00186	AK104	10.25	10.00	9.66	1"	
SHE00154	AK104	10.25	10.00	9.66	13/16"	
SHE00529	AK104	10.25	10.00	9.66	15/16"	
SHE00586	AK104	10.25	10.00	9.66	17/16"	
SHE01011	AK114	11.25	11.00	10.66	5/8"	
SHE01043	AK114	11.25	11.00	10.66	3/4"	
SHE00090	AK114	11.25	11.00	10.66	1"	
SHE00270	AK114	11.25	11.00	10.66	13/16"	
SHE00534	AK114	11.25	11.00	10.66	17/16"	
SHE00912	AK124	12.25	12.00	11.66	5/8"	
SHE00126	AK124	12.25	12.00	11.66	1"	
SHE00245	AK124	12.25	12.00	11.66	13/16"	
SHE00537	AK124	12.25	12.00	11.66	17/16"	
SHE00101	AK134	13.25	13.00	12.66	13/16"	
SHE00088	AK144	14.25	14.00	13.66	1"	
SHE00098	AK144	14.25	14.00	13.66	13/16"	
SHE00542	AK144	14.25	14.00	13.66	17/16"	
SHE00271	AK154	15.25	15.00	14.66	1"	
SHE00102	AK154	15.25	15.00	14.66	13/16"	
SHE00545	AK154	15.25	15.00	14.66	17/16"	
SHE01147	AK184	18.25	18.00	17.66	1"	
SHE00548	AK184	18.25	18.00	17.66	13/16"	

AKH Sheaves
Split Taper Bushing; For 4L or A Belts (3L as indicated)

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A/4L BELTS	PITCH DIA. 3L BELTS	BUSHING	PRICE
SHE00891	AK30H	3.05	2.80	2.46	H	
SHE00488	AK34H	3.45	3.20	2.86	H	
SHE01035	AK39H	3.75	3.50	3.16	H	
SHE00496	AK41H	3.95	3.70	3.36	H	
SHE00498	AK44H	4.25	4.00	3.66	H	
SHE00870	AK46H	4.45	4.20	3.86	H	
SHE00871	AK49H	4.75	4.50	4.16	H	
SHE00107	AK51H	4.95	4.70	4.36	H	
SHE00872	AK56H	5.45	5.20	4.86	H	
SHE00873	AK59H	5.75	5.50	5.16	H	
SHE00874	AK61H	5.95	5.70	5.36	H	
SHE00875	AK64H	6.25	6.00	5.66	H	
SHE00515	AK66H	6.45	6.20	5.86	H	
SHE00517	AK69H	6.75	6.50	6.16	H	
SHE00518	AK71H	6.95	6.70	6.36	H	
SHE00876	AK74H	6.95	6.70	6.36	H	
SHE00259	AK79H	7.75	7.50	7.16	H	
SHE00877	AK84H	8.25	8.00	7.66	H	
SHE00260	AK89H	8.75	8.50	8.16	H	
SHE00878	AK94H	9.25	9.00	8.66	H	
SHE00261	AK99H	9.75	9.50	9.16	H	
SHE00879	AK104H	10.25	10.00	9.66	H	
SHE00532	AK109H	10.75	10.50	10.16	H	
SHE00535	AK114H	11.25	11.00	10.66	H	
SHE00236	AK124H	12.25	12.00	11.66	H	

BK Sheaves

Finished Bore; For 4L or A, 5L or B Belts

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A/4L BELTS	PITCH DIA. 5L/B BELTS	BUSHING	PRICE
SHE00108	BK24	2.4	1.8	2.2	1/2"	
SHE01150	BK28	2.95	2.2	2.6	1/2"	
SHE00058	BK36	3.75	3.0	3.4	1/2"	
SHE00137	BK40	3.95	3.2	3.6	5/8"	
SHE00855	BK45	4.25	3.5	3.9	3/4"	
SHE00842	BK50	4.75	4.0	4.4	7/8"	
SHE00092	BK52	4.95	4.2	4.6	1 1/8"	
SHE00832	BK60	5.75	5.0	5.4	7/8"	
SHE01439	BK60	5.75	5.0	5.4	1 3/16"	
SHE01440	BK62	5.95	5.2	5.6	15/16"	
SHE00849	BK67	6.45	5.7	6.1	15/16"	
SHE01441	BK70	6.75	6.0	6.4	15/16"	
SHE00806	BK70	6.75	6.0	6.4	1 7/16"	
SHE00854	BK72	6.95	6.2	6.6	15/16"	
SHE00985	BK72	6.95	6.2	6.6	1"	
SHE00003	BK80	7.75	7.0	7.4	15/16"	
SHE01442	BK80	7.75	7.0	7.4	1 3/16"	
SHE00619	BK80	7.75	7.0	7.4	1 7/16"	
SHE00001	BK80	7.75	7.0	7.4	1 5/8"	
SHE00009	BK85	8.25	7.5	7.9	1 5/8"	
SHE01443	BK90	8.75	8.0	8.4	15/16"	
SHE00524	BK90	8.75	8.0	8.4	1 7/16"	
SHE01427	BK95	9.25	8.5	8.9	1"	
SHE01163	BK100	9.75	9.0	9.4	1"	
SHE00059	BK100	9.75	9.0	9.4	1 7/16"	
SHE00975	BK105	10.25	9.5	9.9	1 7/16"	
SHE00530	BK110	10.75	10.0	10.4	1 7/16"	
SHE00976	BK115	11.25	10.5	10.9	7/16"	
SHE00073	BK120	11.75	11.0	11.4	1 7/16"	
SHE00066	BK130	12.75	12.0	12.4	1 7/16"	
SHE00983	BK140	13.75	13.0	13.4	1"	
SHE01428	BK140	13.75	13.0	13.4	1 3/16"	
SHE00071	BK140	13.75	13.0	13.4	1 7/16"	
SHE01444	BK160	15.75	15.0	15.4	1 3/16"	
SHE00068	BK160	15.75	15.0	15.4	1 7/8"	
SHE01007	BK190	18.75	18	18.4	1 3/16"	
SHE00279	BK190	18.75	18	18.4	1 7/16"	

BKH Sheaves

Split Taper Bushings; For 4L or A, 5L or B Belts

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A/4L BELTS	PITCH DIA. 5L/B BELTS	BUSHING	PRICE
SHE00689	BK30H	3.15	2.4	2.8	H	
SHE00690	BK32H	3.35	2.6	3	H	
SHE00691	BK34H	3.55	2.8	3.2	H	
SHE00487	BK36H	3.75	3.0	3.4	H	
SHE00692	BK40H	3.95	3.2	3.6	H	
SHE00494	BK45H	4.25	3.5	3.9	H	
SHE00497	BK47H	4.45	3.7	4.1	H	
SHE00693	BK50H	4.75	4.0	4.4	H	
SHE00161	BK52H	4.95	4.2	4.6	H	
SHE00501	BK55H	5.25	4.5	4.9	H	
SHE00694	BK57H	5.45	4.7	5.1	H	
SHE00234	BK60H	5.75	5.0	5.4	H	
SHE00235	BK62H	5.95	5.2	5.6	H	
SHE00836	BK65H	6.25	5.5	5.9	H	
SHE00511	BK67H	6.45	5.7	6.1	H	
SHE00489	BK70H	6.75	6.0	6.4	H	
SHE00516	BK72H	6.95	6.2	6.6	H	
SHE00319	BK75H	7.25	6.5	6.9	H	
SHE00519	BK77H	7.45	6.7	7.1	H	
SHE00521	BK80H	7.75	7.0	7.4	H	
SHE00264	BK85H	8.25	7.5	7.9	H	
SHE00695	BK90H	8.75	8.0	8.4	H	
SHE00263	BK95H	9.25	8.5	8.9	H	
SHE00696	BK100H	9.75	9.0	9.4	H	
SHE00251	BK105	10.25	9.5	9.9	H	
SHE00531	BK110H	10.75	10.0	10.4	H	
SHE00275	BK115H	11.25	10.5	10.9	H	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A/4L BELTS	PITCH DIA. 5L/B BELTS	BUSHING	PRICE
SHE00697	BK120H	11.75	11.0	11.4	H	
SHE00540	BK130H	12.75	12.0	12.4	H	
SHE00148	BK140H	13.75	13.0	13.4	H	
SHE00544	BK150H	14.75	14.0	14.4	H	
SHE00147	BK160H	15.75	15.0	15.4	H	
SHE00151	BK190H	18.75	18.0	18.4	H	

QD Sheaves

Bushed; For A and B Belts. Sheaves do not include bushing.

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A BELTS	DATUM DIA. B BELTS	BUSHING	PRICE
SHE00776	1B52DS	5.55	4.8	5.2	SDS	
SHE00783	1B54DS	6.55	5.8	6.2	SDS	
SHE00778	1B64DS	6.75	6.0	6.4	SDS	
SHE00779	1B66DS	6.95	6.2	6.6	SDS	
SHE00780	1B68DS	7.15	6.4	6.8	SDS	
SHE00784	1B70DS	7.35	6.6	7.0	SDS	
SHE00786	1B74DS	7.75	7.0	7.4	SDS	
SHE00990	1B94DS	9.75	9.4	9.0	SDS	
SHE00973	1B110DS	11.35	10.6	11	SDS	
SHE00546	1B136SDS	13.95	13.2	13.6	SK	
SHE00781	1B160SK	16.35	15.6	16.0	SK	
SHE00550	1B184SK	18.75	18.0	18.4	SK	
SHE00782	1B200SK	20.35	19.6	20.0	SK	

1TB Sheaves

Bushed; For A and B Belts. Sheaves do not include bushing.

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A BELTS	DATUM DIA. B BELTS	BUSHING	PRICE
SHE00490	1TB36	3.95	3.2	3.6	P1	
SHE00491	1TB38	4.15	3.4	3.8	P1	
SHE00495	1TB40	4.35	3.6	4.0	P1	
SHE01054	1TB44	4.75	4.0	4.4	P1	
SHE01055	1TB50	5.35	4.6	5.0	P1	
SHE00845	1TB52	5.55	4.8	5.2	P1	
SHE01058	1TB58	6.15	5.4	5.8	P1	
SHE01430	1TB62	6.55	5.8	6.2	P1	
SHE01431	1TB64	6.75	6.0	6.4	P1	
SHE01059	1TB68	7.15	6.4	6.8	P1	
SHE01056	1TB74	7.75	7.0	7.4	P1	
SHE01432	1TB80	8.35	7.6	8.0	P1	
SHE01060	1TB86	8.95	8.2	8.6	P1	
SHE01057	1TB90	9.35	8.6	9.0	P1	
SHE00526	1TB94	9.75	9.0	9.4	P1	
SHE00533	1TB110	11.35	10.6	11.0	P1	
SHE00538	1TB124	12.75	12	12.4	Q1	
SHE00541	1TB136	13.95	13.2	13.6	Q1	
SHE00929	1TB154	15.75	15.0	15.4	Q1	
SHE01061	1TB160	16.35	15.6	16.0	Q1	
SHE01062	1T1B84	18.75	18.0	18.4	Q1	
SHE01034	1TB200	20.35	19.5	20.0	Q1	
SHE00115	1TB250	25.35	24.5	25.0	Q1	

B5V Sheaves

Bushed; For A, B, and 5V Belts. Sheaves do not include bushing.

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A BELTS	DATUM DIA. B BELTS	BUSHING	PRICE
SHE01307	1B5V42	4.48	3.80	4.20	P1	
SHE01308	1B5V44	4.68	4.00	4.40	P1	
SHE01309	1B5V46	4.88	4.20	4.60	B	
SHE01310	1B5V48	5.08	4.40	4.80	B	
SHE01311	1B5V50	5.28	4.60	5.00	B	
SHE01312	1B5V52	5.48	4.80	5.20	B	
SHE01313	1B5V54	5.68	5.00	5.40	B	
SHE01314	1B5V56	5.88	5.20	5.60	B	
SHE01315	1B5V58	6.08	5.40	5.80	B	
SHE01316	1B5V60	6.28	5.60	6.00	B	
SHE01317	1B5V62	6.48	5.80	6.20	B	
SHE01318	1B5V64	6.68	6.00	6.40	B	
SHE01319	1B5V66	6.88	6.20	6.60	B	
SHE01320	1B5V68	7.08	6.40	6.80	B	
SHE01321	1B5V70	7.28	6.60	7.00	B	

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A BELTS	DATUM DIA. B BELTS	BUSHING	PRICE
SHE01322	1B5V74	7.68	7.00	7.40	B	
SHE01323	1B5V80	8.28	7.60	8.00	B	
SHE01324	1B5V86	8.88	8.20	8.60	B	
SHE01325	1B5V90	9.28	8.60	9.00	B	
SHE01326	1B5V94	9.68	9.00	9.40	B	
SHE01327	1B5V110	11.28	10.60	11.00	B	
SHE01328	1B5V124	12.68	12.00	12.40	B	
SHE01329	1B5V136	13.88	13.20	13.60	B	
SHE01330	1B5V154	15.68	15.00	15.40	B	
SHE01331	1B5V160	16.28	15.60	16.00	B	
SHE01332	1B5V184	18.68	18.00	18.40	B	
SHE01333	1B5V200	20.28	19.50	20.00	B	
SHE01334	1B5V234	23.68	22.90	23.40	B	
SHE01335	1B5V250	25.28	24.50	25.00	B	
SHE01336	1B5V278	28.08	27.30	27.80	B	

TWO GROVE SHEAVES BY BROWNING

2AK Sheaves

Finished Bore; For 4L or A Belts (3L as indicated)

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIA.	DATUM DIA. A/4L BELTS	PITCH DIA. 5L/B BELTS	BUSHING	PRICE
SHE00110	2AK20	2	1.8	1.46	5/8"	
SHE01148	2AK28	2.85	2.6	2.26	5/8"	
SHE01149	2AK30	3.05	2.8	2.46	5/8"	
SHE00915	2AK74	7.25	7.0	6.66	1"	
SHE00324	2AK84	8.25	8.0	7.66	1 7/16"	
SHE00789	2AK84	8.25	8.0	7.66	1"	
SHE00378	2AK94	9.25	9.0	8.66	1 7/16"	
SHE01131	2AK94	9.25	9.0	8.66	1 3/16"	
SHE00316	2AK104	10.25	10.0	9.66	1 7/16"	
SHE00564	2AK104	10.25	10.0	9.66	1 3/16"	

Fans

TWO-BLADE CONDENSER FANS

Propeller fans. Bore: 0.50.

SERVICEFIRST ITEM NO.	DIA.	PITCH	ROTATION	HUB LOCATION	TYPE	PRICE
FAN01505	14"	32°	CCW	Intake	AL	
FAN01407	14"	36°	CW	Discharge	AL	
FAN01523	14"	32°	CCW	Intake	GV	

THREE-BLADE CONDENSER FANS

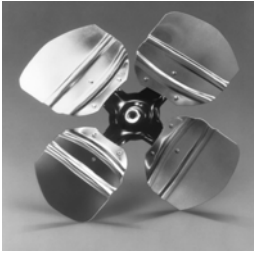
Propeller fans. Bore: 0.50. Type: AL.

SERVICEFIRST ITEM NO.	DIA.	PITCH	ROTATION	HUB LOCATION	PRICE
FAN01887	14"	19°	CCW	Intake	
FAN01355	14"	26°	CCW	Intake	
FAN01354	18"	29°	CCW	Intake	
FAN01222	18"	32°	CW	Discharge	
FAN01433	18"	34°	CCW	Intake	
FAN01254	20"	20°	CW	Intake	
FAN01251	20"	22°	CW	Discharge	
FAN01252	20"	26°	CW	Discharge	
FAN01358	22"	31°	CCW	Intake	
FAN01214	22"	34°	CW	Discharge	
FAN01849	24"	28°	CW	Intake	
FAN01567	26"	28-32°	CW	Intake	
FAN01403	26"	20°	CCW	Intake	
FAN01405	26"	28°	CCW	Intake	



FOUR-BLADE CONDENSER FANS

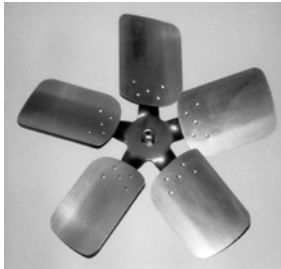
Propeller fans. CW rotation. Bore: 0.50, unless otherwise noted. Type: AL, unless otherwise noted.



SERVICEFIRST ITEM NO.	DIA.	PITCH	HUB LOCATION	PRICE
FAN01491	18"	34°	Intake	
FAN01209	18"	27°	Intake	
FAN01256	20"	28°	Intake	
FAN01257	20"	38°	Intake	
FAN01258	20"	39°	Discharge	
FAN01268	22"	30°	Intake	
FAN01025	22"	30°	Discharge	
FAN01494	22"	34°	Intake	
FAN01495	22"	34°	Intake	
FAN01260	22"	34°	Discharge	
FAN01262	24"	33°	Intake	
FAN01532	26"	28-32°	Intake	
FAN01514	26"	24°	Discharge	
FAN01516	26"	29°	Discharge 0.62 bore ST type	
FAN00628	28"	27°	Discharge 0.62 bore HD type	
FAN01892	28"	29°	Intake	
FAN01515	28"	29°	Discharge	

FIVE-BLADE CONDENSER FANS

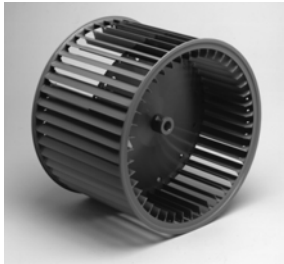
Propeller fans. Type: AL.



SERVICEFIRST ITEM NO.	DIA.	PITCH	ROTATION	HUB LOCATION	BORE	PRICE
FAN01493	14"	38°	CCW	Discharge	0.5	
FAN02841	18"	41°	CCW	Intake	0.5	
FAN01263	24"	32°	CW	Intake	0.62	
FAN01264	26"	26°	CW	Discharge	0.62	
FAN01266	26"	28°	CW	Intake	0.62	
FAN01265	26"	30°	CW	Discharge	0.62	

Blower Wheels
BLOWER WHEELS

Belt drive fan wheels are made of steel. Direct drive fan wheels are made of steel, aluminum, or plastic.



SERVICEFIRST ITEM NO.	SIZE	BORE	ROTATION	MATERIAL	DIA.	WIDTH	CENTER	PRICE
WHL00721	5 1/4" x 7"	0.5	CW	Noryl	5.330	6.940		
WHL00722	5 3/4" x 9"	0.5	CW	Noryl	5.790	9.060		
FAN00617	8" x 12"	0.5	CW	Aluminum	8.063	12.156		
WHL00247	10" x 7"	0.5	CW	Steel	11.125	7.125	Convex	
WHL00503	10" x 8"	0.5	CW	Steel	10.625	8.000	Concave	
WHL00490	12" x 9"	0.5	CW	Steel	12.625	9.500	Concave	
WHL00325	12" x 9"	0.5	CW	Steel	12.250	9.500	Convex	
FAN00024	12" x 12"	1.0	Belt	Steel	12.625	12.625	Dual	
FAN00662	15" x 9"	1.0	Belt	Steel	15.000	9.500	Dual	
FAN00072	15" x 11"	1.0	Belt	Steel	15.000	11.125	Dual	
FAN00051	15" x 15"	1.0	Belt	Steel	15.000	15.000	Dual	

Chemicals

HVAC Maintenance, Cleaners and Treatments



PAN TREATMENT TECHNOLOGY BY TRANE

Background

All cooling units, whether they are air conditioners, dehumidifiers, or other refrigeration equipment, extract water from the air. Some undesirable consequences may result. These potential consequences may include overflow from clogged air conditioner drain pans due to the formation of slime. This can cause expensive damage to the ceiling and other property. Water in the drip pan supports the growth of fungus, mold, mildew, bacteria and other microorganisms. Contaminants found in drain pans can cause foul-smelling odors. Retained water and bacterial growth in that moist environment can cause corrosion and premature failure of the drain.

Dealing with Concerns

The Trane Time-Release Pan Treatment addresses these concerns. The product may be used safely in air conditioners and refrigerator drain pans, dehumidifier water tanks, or any other nonpotable water retention area. EPA registered.

Features and Benefits

A solid-package strip releases the actives, leaving only the used polymer shell to be discarded. The system provides dependable, sustained time release protection for only pennies a day. The system adds a light, pleasant scent to the air as it works.

SERVICEFIRST ITEM NO.	DESCRIPTION	PACKAGING	MIN/MULT	PRICE
CHM00256	Up to 1 ton	10 per pkg; 12 pkg per case	12	
CHM00257	1.5–2.5 ton	10 per pkg; 12 pkg per case	12	
CHM00258	3–5 ton	6 per pkg; 24 pkg per case	24	
CHM00259	7–10 ton	2 per pkg; 24 pkg per case	24	
CHM00260	20 ton	1 per pkg; 24 pkg per case	24	
CHM00264	40–50 ton	1 per pkg; 12 pkg per case	12	

Bulk Packages

CHM00278	Up to 1 ton	50 per pkg; 20 pkg per case	20	
CHM00279	1.5–2.5 ton	50 per pkg; 20 pkg per case	20	
CHM00320	3–5 ton	20 per pkg; 25 pkg per case	25	
CHM00321	7–10 ton	8 per pkg; 12 pkg per case	12	
CHM00322	20 ton	8 per pkg; 12 pkg per case	12	
CHM00323	40–50 ton	4 per pkg; 12 pkg per case	12	

Individual

CHM00121	1 ton	2 per pkg; 30 pkg per case	30	
CHM00122	1–2.5 ton	1 per pkg; 120 pkg per case	120	
CHM00123	3–5 ton	1 per pkg; 144 pkg per case	144	
CHM00124	7–10 ton	1 per pkg; 48 pkg per case	48	

HEAT BE GONE

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00096	HB32	32 oz trigger spray bottle	
CHM00164	TB10	Tub; strips, HBG 10 strips per tub, 10 tubs per case, each	

PREMIUM GRADE CONDENSER COIL CLEANERS BY TRANE

Nu-Clear Coil Cleaner Treatment

Outperforms acid products in the removal of contaminants found on air-conditioning coils and component parts. Special surfactants, tackifiers, and sequestering agents that penetrate and emulsify contamination, which is lifted from the surface with a foaming action for easy rinsing with water, contain no hazardous petroleum or chlorinated solvents, and are nonflammable.



SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00261	1 gal bottle	
CHM00041	20 gal container	
CHM00042	55 gal drum	


Outdoor Coil, Non-Acid

Industrial-strength cleaner with no acid. Diluted with two parts water and sprayed between the fins with a low pressure sprayer. CHM00050 foams and pushes contamination outward from the condenser. This foam and contamination should then be thoroughly rinsed with water. Will effectively remove grease, exhaust residues and other contaminants.

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00050	1 gal bottle	


Outdoor Coil, Non-Acid Base

Non-acid nature removes grease, exhaust fumes, and other residue from condensers with an expanding foaming action. Spray and rinse to remove debris. Non-acid base increases user safety.

CHM00246	1 qt bottle	
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PREMIUM GRADE EVAPORATOR-COIL CLEANERS BY TRANE
Indoor Coil Cleaner, Nontoxic
Premium Non-Rinse Evaporator Cleaner

Heavy-duty and economical liquid coil-cleaning concentrate containing a balanced blend of organic and inorganic ingredients together with sufficient alkalinity for fast cleaning as well as effective action against corrosion. No rinsing required.

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00271	1 gal bottle	


Indoor Coil Cleaner Base, Nontoxic

Nontoxic, self-rinsing concentrate effectively cleans dirty evaporator coils in one step while system is operating. Spray on air-inlet surface of coils and airflow causes complete coil penetration. No rinsing required. The cleaner drains as condensate, cleaning the condensate pan and drains as well. USDA approved.

CHM00247	1 qt bottle	
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ENVIRONMENTALLY-SAFE COIL CLEANER BY TRANE
Enviro-Coil Cleaner Treatment

Safely cleans both the evaporator and condenser coil without damage to equipment, personnel, or the environment. Contains no butyl ether, acid phosphates, petroleum solvents, potassium hydroxide, or sodium hydroxide. Enviro-Coil is biodegradable, non-combustible, and odorless.

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00255	1 gal bottle	
CHM00033	20 gal container	
CHM00034	55 gal drum	


COIL COATINGS AND ANTI-FOULANTS BY TRANE
Coil Pre-Clean for Use Prior to Anti-Foulant Treatment

Specially 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 and safe to use.

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00274	1 gal bottle	


Stay Kleen Cooling Coil Anti-Foulant

Safe, easy to use, water-based anti-foulant designed for use on cooling coils. Stay Kleen forms a microscopically thin coating that renders cooling surfaces self-cleaning for up to one year. Fungus or similar organisms will not grow on the Stay Kleen coil coat. Coils to be treated should be thoroughly cleaned. We recommend use of Pre-Clean, which is designed to have no harmful effect on the coating.

CHM00272	1 qt bottle	
CHM00273	1 gal bottle	


Air-Cooled Condenser Protectant Aerosol

Specially formulated coating containing acrylic polymers and anti-corrosion agents designed to protect painted or unpainted surfaces from rust and corrosion. Seals and protects aluminum, copper, brass, bronze, chrome, galvanized metal, titanium, and stainless steel. Ideally suited for use on air-cooled condensers located in corrosive environments such as paper mills, chemical plants, airports, and salt air.

CHM00275	16 oz aerosol	
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LEAK DETECTORS BY TRANE

Leak Detectors

Convenient dauber attached to inside of cap makes application of leak-detecting fluid easy. Noncorrosive, nonstraining, high viscosity fluid detects any type of gas leak. Blue Leak Reactant is non-clogging and biodegradable in convenient spray.



SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00245	Leak Detector, 8 oz bottle	
CHM00276	Spray-Type Blue Leak Detector, 1 qt spray	
CHM00277	Spray-Type Blue Leak Detector, 1 gal bottle	

GENERAL CLEANERS BY TRANE

Parts Cleaner

Concentrated heavy-duty, water-soluble solvent, specially formulated for cleaning permanent air cleaners, fan blades, blowers, air ducts, grills, and other miscellaneous parts. Nonflammable and safe to use.



SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00251	1 gal bottle	

Ice Machine Cleaner

Safe to use on all types of ice machines. Drain machine and refill with fresh water. Add 6 to 8 ounces per gallon of circulating water and circulate for 30 minutes. Brush cleaning solution on surfaces not contacted by the solution during circulation. After scale is removed, drain and flush thoroughly with fresh water.



SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00244	8 oz bottle	
CHM00253	1 gal bottle	

NEUTRONIC ODOR NEUTRALIZER/COUNTERACTANT™



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	QTY	PRICE
CHM00179	H-NT08	½ lb gel	18 per case	
CHM00180	H-NT01	1 lb gel	12 per case	
CHM00181	H-NT03	3 lb gel	4 per case	

WATER TREATMENT BY TRANE

Scale Remover, Open Recirculating

Safer replacement for fuming acids now in use. Made up of blend of food-grade acids, penetrating agents, and a special patented inhibitor. Will clean the entire waterside of the system including condensers, pipes, and cooling towers while system is in operation.



SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00249	1 gal bottle	

Scale Remover, Hydrochloric Base with pH Indicator

Blend of hydrochloric acid and inhibitors with unique color system built in. Eliminates necessity of checking the activity of the solution with pH paper. If red, it's active; if yellow, add more scale remover. When the circulating solution remains red for 1 hour, all scale has been removed.



CHM00250	1 gal bottle	
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Rust/Corrosion Inhibitor

Prevents corrosion in recirculating water systems that are shut down for winter storage. Combination of surfactants and patented chemical that disperses readily in water.

CHM00009	5 gal pail	
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Microbiocide, Single Treatment

Patented polymeric quarternary ammonium microbiocide effective in controlling algae, iron bacteria, and slime-forming microorganisms that contribute to biological fouling of cooling towers, heat exchangers, and other parts of recirculating water systems. Equally effective in both acid and alkaline environments.



CHM00252	Microbiocide, 1 gal bottle	
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TAPE AND SEALING GUMS

Cork Insulation Tape

May be used on pipes and tubes with temperatures ranging from -20°F to +170°F (-29°C to +71°C). Stops pipe sweat and heat loss. Firmly sticks to all clean metal surfaces.

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
TAP00025	1/8" x 2" 30-ft roll	

Foam Insulation Tape

High quality insulation tape for pipes and tubes with temperatures ranging from -20°F to +160°F (-29°C to +71°C). Stops pipe sweat and heat loss. Firmly sticks to all clean metal surfaces.

CHM00059	1/8" x 2" 30-ft roll	
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Sealing Compound

This compound is non-staining, non-bleeding and adheres firmly to most other clean surfaces. Flexible to -20°F (-29°C). Seals out dust, moisture, and other contaminants from seams and joints.

CHM00058	3/8" x 25-ft. roll	
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EMKARTE RL OPTI-FLUSH

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00206	Chemical, Flushing Fluid, RL Opti-Flush, 1 gal	
CHM00207	Chemical, Flushing Fluid, RL Opti-Flush, 1 qt	



CLEANERS AND TREATMENTS BY RECTORSEAL

Acid-Away

Acid-Away is a unique patented chemical treatment for use in air conditioning and refrigeration systems that have experienced a burnout, or operating systems that are showing a buildup in acid content. It circulates quickly throughout the system and chemically neutralizes acids that are always left in an air conditioning or refrigeration system after a burnout occurs. Once neutralized, this acid can no longer continue its corrosive attack and cause another burnout. Acid-Away may be used in either hermetic or semi-hermetic compressors that operate with standard CFC or HCFC refrigerants using mineral oil and alkbenzene-type refrigeration oils. Acid-Away has been tested in accordance with ANSI/ASHRAE standard 86-1983 and 97-1989 along with various ASTM standards. Additionally, Acid-Away was extensively field tested in a wide variety of compressor sizes, types, and brands with a wide range of burnout conditions. U.S. Patent No. 5.503.757.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00280	45004	4 oz	
CHM00167	45009	For POE oils, ? oz	

Acid Detector for POE Oils

Acid Detector for POE Oils is a test kit designed for use in the field to detect acid in Polyol Ester (POE) air conditioning and refrigeration oils. It quickly detects unacceptable amounts of acids in Polyol Ester type refrigeration oils without having to wait for a laboratory analysis.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT06754	45006	Kit; detector, acid for POE oils	

Coil Cleaners and Brighteners

RENEWZ is a non-acid, high-foaming cleaner and brightener for air-cooled condenser coils. Leaves aluminum bright, shiny and clean in less than 5 minutes. Removes cooking grease. Heavy foaming action floats all loosened material out of inaccessible areas. Cleans electronic air filters too.

CHM00289	82644	Condenser Coil Cleanser, foaming, 1 gal	
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COIL-RITE is a self-rinsing cleaner and degreaser for evaporator and condenser coils, air-conditioning and equipment, and electronic and permanent air filters. Lifts grime and oil from normally inaccessible places. Non-acid. Non-flammable.

CHM00290	82612	Coil Cleanser, self-rinsing, 1 gal	
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FOAM-A-COIL is a foaming, biodegradable cleaner and degreaser for evaporator and condenser coils, air conditioning, and air-handling equipment, and electronic and permanent air filters. Available in aerosol for window units, ice machines, and small refrigerated equipment. Adhering foam lifts grime and oil from normally inaccessible places. Non-acid. Non-flammable.

CHM00291	82632	Coil Cleanser, foaming, biodegradable, 1 gal	
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CTT-EC TABLETS, by placement in the reservoir, automatically provide water treatment proportionate to operating conditions without feeder equipment. They prevent hard-water mineral scale, ferrous and non-ferrous corrosion, and silt and soil accumulations in evaporative coolers. Preventing these problems improves efficiencies, reduces breakdowns, and decreases power costs.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00080	68030	4 CTT-EC tablets	

REFRESH TABLETS eliminate growths and odors in evaporative coolers, humidifiers, and air conditioners, improving efficiencies, and reducing maintenance and power costs. Refresh Tablets are EPA-registered, self-metering dosage tablets that are added directly to reservoirs or drain pans.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00081	68114	4 Refresh tablets	

Rectorshield

Lube-R-Coat

LUB00035	86533	Lube-R-Coat industrial grade, 12 oz. aerosol spray	
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Leak Locators

RECTORSEEK MID TEMP is a leak locator for use at normal temperatures on pipes or tanks that contain gases. It can be used on oxygen, or gas at temperatures between -35°F and 200°F.



CHM00285	61434	Leak Detector, low temp (-35°F to 200°F), 16 oz	
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Scale Removers

SCALOMATIC is the safest acid cleaner you can use for cleaning inside of hot-water coils or any scaled equipment. This product is in a powder form that activates 30 seconds after you add water. Rips through scale and rust. 100% inhibited for use with steel, iron, copper, and brass. Color indicator tells when spent and more needs to be added.



CHM00085	80912	Powder, 1 gal	
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Other Related Products

CHM00281	83554	Heat Absorption Compound, 11 oz	
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RECTORSEAL EPOXY PUTTY is a premeasured, high-grade epoxy and hardener formulated together in one stick, making it easy to break off the amount needed for each repair. RectorSeal Epoxy Putty bonds to most surfaces and hardens in 15-20 minutes. It can then be sanded, painted, drilled, tapped, and/or machined.

SLT00026	97600	Sealant, EP-200 Epoxy Putty, 2 oz	
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CONTAX LIQUID BURNISHER is an electrical contact-point cleaner. Flushes off metallic oxides caused by moisture, arcing, greasy films, or dirt. Nonconductive up to 40 kV, and is non-toxic. Dries instantly. Leaves no residue. Safe on metals and plastics. Comes with extension tube for pinpoint spraying.



CHM00089	88412	Contact Cleaner, 6 oz	
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BUZ-AWF kills wasps, hornets, yellow jackets, bees, and ants with a high pressure, long distance spray. It is nonconductive up to 40kV. Perfect for service technicians working with outdoor equipment. EPA registered.



CHM00086	84390	Wasp and Hornet Spray, aerosol, 16 oz	
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RECTORSEAL FOOD-GRADE SILICONE is a premium, multipurpose product that lubricates, waterproofs, and protects surfaces while being odorless, colorless, tasteless, and nonstaining. It is recommended for use in food processing plants, on conveyors, guides, roller chains, bakery equipment, racks, and cookers, and in bottling operations. May be used on ice machines, coolers, refrigerators, and freezers. USDA H-1 inspected meat and poultry plants. Contains no 1,1,1 Trichloroethane, fluorocarbons or SARA listed ingredients.



LUB00011	73921	Lubricant, Food Grade Silicone, aerosol, 12 oz	
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SMOKE SIGNAL is a modern new smoke generator that finds air leaks in ducts, chimneys, boilers, and piping. Good for tracing airflow patterns. Good moisture resistance means longer-than-usual shelf life.



CHM00084	65612	Smoke Generator, 10-1 min. testers	
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Solvents and Sealants

SOLVENTS AND SEALANTS BY RECTORSEAL

Quality specialty products for the HVAC professional.

Pipe Thread Sealants



RECTORSEAL No. 5 pipe thread sealant is a soft-set, slow-drying compound that seals, lubricates, and protects threaded pipe and fittings. It can be pressurized immediately for piping up through 2" and 100 psi, and is ideal for application with a wide variety of fluids and gases, including potable water application. Recommended for use on threaded galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, fiberglass reinforced, and PVC pipe. Conforms to TT-S-1732.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00012	25790	1¾ oz tube	
SLT00013	25631	¼ pt. brush top	
SLT00014	25551	½ pt. brush top	



RECTORSEAL T PLUS 2 pipe thread sealant is a nonsetting, multi-purpose compound that contains Teflon plus synthetic fibers to create a stronger seal. Recommended for use on threaded galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, fiberglass reinforced, PVC, CPVC, and ABS pipe. T Plus 2 may be pressurized immediately following application. Conforms to TT-S-1732.

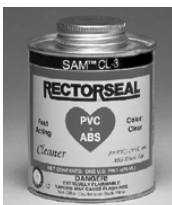
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00067	23710	1¾ oz tube	
SLT00016	23631	¼ pt. brush top	

RECTORSEAL TRU-BLU pipe thread sealant with Teflon is a fast-dry, flexible set thread sealant designed for high-vibration environments such as refrigeration and industrial applications. Teflon has been added to enhance thread lubrication during assembly and break out. Recommend for use on threaded galvanized steel, iron, brass, copper, aluminum, stainless steel, polyethylene, fiberglass reinforced, PVC, CPVC, and ABS pipe. Great for use as a positive lock and seal on threaded fasteners. Conforms to TT-S-1732.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00069	31780	1¾ oz tube	
SLT00070	31631	¼ pt. brush top	
SLT00071	31551	½ pt. brush top	

Solvent Cements

Gene 404 Solvent Cement



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00076	55011	¼ pt.	
SLT00077	55013	½ pt.	
SLT00078	55015	1 pt.	

Sam CL Cleaner

SOV00017	55713	Sam CL-3 cleaner, ½ pt.	
SOV00018	55715	Sam CL-3 cleaner, 1 pt.	
SOV00014	55723	Sam CL-2, ½ pt.	
SOV00015	55725	Sam CL-3, 1 pt.	

Firestopping Products

METACAULK 1000 is a water-based, single-component, general-purpose, fire-rated sealant for through-penetrations on both vertical and horizontal surfaces, as well as construction joints. It is designed for use in floors or walls and can be used on PVC, CPVC, AABS, PVC foam core, ABS foam core, PP or plastic pipes, polybutylene (PB), insulated and uninsulated steel pipe, copper, and cast iron.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00021	66302	Sealant, metal, firestopping, Metacaulk 1000, 10.3 oz	

Duct Sealants

AIR-LOCK 181 is a non-flammable, non-toxic, safe-to-use water-based duct sealant. It is reinforced with fibers for superior gap sealing performance. This non-sag formula won't drip off, is easy to spread, and may be used inside and outside on low- to high-pressure systems. It is waterproof and resistant to ultraviolet light when cured. For use with UL181 Listed rigid fiberglass air ducts and UL181 listed non-metallic flexible duct. Air-Lock 181 cures to a tough flexible film that will expand and contract with temperature changes. It may be used for sealing systems up to 25" W.G. It has an in-service range between -20°F and 400°F. Cleans easily while wet with soap and water. Color: White.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00030	81873	Sealant, duct, water-based, 10.5 oz	
SLT00080	81875	Sealant, duct, water-based, 1 gal	
SLT00032	81872	Sealant, duct, water-based, 2 gal	





Furnace Cement

***PYROSEAL** is a smooth creamy, easy-spreading furnace and retort cement that sticks where you put it. For high-temperature sealing and bonding. Shrink-proof, crack-proof. Use in combustion chambers and for sealing doors and flue pipes. Contains no asbestos or OSHA restricted fibers.*

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00073	68616	PyroSeal, 6 lb	

HVAC MAINTENANCE PRODUCTS BY LOCTITE

Loctite Stick Products

Thread Sealant

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00114	37127	Loctite PST 561 thread sealant, 19 GM stick	

Anti-seize Lubricant

LUB00059	37230	Loctite silver anti-seize lubricant, 20 GM stick	
LUB00058	37229	Loctite C5-A Copper anti-seize lubricant, 20 GM stick	

Threadlocker

SLT00113	37686	Sealant, Loctite 268 high strength red threadlocker, 19 GM stick	
SLT00111	37687	Sealant, Loctite 248 medium strength blue threadlocker, 19 GM stick	
SLT00112	37685	Sealant, Loctite 268 high strength red threadlocker, 9 GM stick (10 ea per ctn)	
SLT00110	37684	Sealant, Loctite 248 medium strength blue threadlocker, 9 GM stick	

Chisel Gasket Remover 790

A chemical liquid that lifts off baked-on gaskets, gasket cements, formed-in-place gaskets, carbon deposits, dried oil, grease, and paint from any type of metal. It is suitable for use on wood and plastics. Its foaming action removes material in minutes. Noncorrosive on aluminum.

SOV00004	79040	Solvent, Gasket Remover, 18 oz aerosol	
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Loctite 7070 OCD-Free Cleaner

A nonaqueous hydrocarbon-based solvent designed for cleaning and degreasing of surfaces to be bonded with adhesives. It effectively removes most greases, oils, lubrication fluids, and metal cuttings. It is compatible with most plastics.

SOV00006	20162	Solvent, Safety 16 oz	
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Anti-Seize Thread Compound

Lubricates hinges, gears, chains, cables, sprockets, levers, pivots, and rollers. Lubricates valve stems and prevents seizing and fretting of high-temperature assemblies. Based on a synthetic-grease formulation that will not evaporate or harden when exposed to extremes of heat or cold. Effectively lubricates assemblies exposed to high temperatures and heavy contact pressures. Eliminates galling of threaded fasteners, especially on aluminum and stainless steel.

LUB00007	76732	Lubricant, Anti-Seize, 8 oz	
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PST Pipe Sealant 565

Medium anaerobic sealant with Teflon, designed for tapered pipe threads. Designed for use on metal pipes only. High lubricating properties prevent galling. Provides immediate low-pressure sealing. Allows readjustment shortly after assembly, seals to pipe burst pressure in 48 hours. Medium solvent resistance, withstands temps to 300°F.

SEL00488	56531	Seal, Pipe, 50 ml	
CRD00078	35082	Loctite 55 Pipe Sealing Cord	

Loctite Gasket Eliminator 515

515 Sealant—gel-like material. Cures at room temperature with no air contact. Fills imperfections, flexes with flange movement. Uses: gaskets for pumps, thermostats and compressors; as coating or dressing on spacer gaskets. Repairs damaged conventional gaskets.

SEL00376	51580	Seal, Gasket, Eliminator, 300 ml Cartridge	
SEL00489	51531	Seal, Gasket, Eliminator, 50 ml Cartridge	

Loctite Adhesive

ADH00023	40945	Adhesive; Loctite 409 superbonder, gel, instant adhesive, 20 gram tube	
ADH00024	40904	Adhesive; Loctite 409 superbonder, gel, instant adhesive, 3 gram tube	

Loctite Removable Threadlocker 242

Anaerobic compound. Cures rapidly on most "as received" fasteners. General purpose, medium strength for use on fasteners ¼" and larger. Hand tool removable.

SEL00490	24221	Seal, Thread Lock, 10 ml	
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Silicone Sealants

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLT00057	59575	Sealant; silicone clear, RTV 66C, 11 oz	
SLT00048	32394	Sealant; (12 ea/case) red high temperature, silicone, 300ml cartridge	

Superflex Silicone Adhesive Sealant

General-purpose, one-part, silicone adhesive sealant cures at room temperature to form a tough rubber seal. Will not slump in overhead or vertical applications; formulated to withstand extreme temperature cycling, U.V. light, and ozone. Cannot be painted. Available in black, clear, and white.

SLT00007	82236	Sealant, Silicone, Aluminum, 11 oz	
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HVAC Blue Pipe Joint Compound

Tough, pliable sealant specially formulated for heating, air conditioning, and refrigeration applications. Sets up quickly to allow immediate assembly and to keep joints tight in areas of high vibration and thermal cycling. Seals oils, refrigerants, butane, propane, natural gas, and more. Easy cleanup.

SLT00010	82480	Sealant, Joint (HVAC Blue), 4 oz can	
SLT00011	82481	Sealant, Joint (HVAC Blue), 16 oz can	

554 Thread Sealant Refrigerant Sealant

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

SEL00528	25882	Seal, refrigerant, Thread Lock, 10 ml	
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Fast Orange-Lotion Hand Cleaner

Fine-pumice formula quickly removes ground-in grease and grime without abrading skinlike coarser-pumice hand cleaners. Biodegradable, waterless, and petroleum-solvent-free; cleans with fresh-scented natural citrus power. Contains aloe, lanolin, jojoba, and other premium skin conditioners.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SOV00036	25218	Solvent, lotion, Pumice Hand Cleaner, 1 gal	

Fast Orange Hand Cleaner

A biodegradable hand cleaner containing no petroleum solvents. It cleans hands with d-limonene, a solvent extracted from oranges. It is available as a pumice lotion and contains premium skin conditioners.

SOV00005	25108	Solvent, hand cleaner, Orange with Pumice, 7.5 oz	
CHM00196	25116	Solvent, cleaner, Fast Orange Hand, aerosol, 15 oz	

PARR Paint- and Resin-Removing Hand Cleaner

A safer alternative to harsh thinners and potentially toxic solvents. Fortified with four premium skin conditioners, this freshly-scented, fine-pumice formula quickly removes the toughest soils. Readily biodegradable, nontoxic, and nonflammable.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SOV00010	65108	Solvent, cleaner, Parr Hand Cleaner, bottle, 7.5 oz	

Electrical Contact and Parts Cleaner

Fast-evaporating cleaner removes grease, oil and other contaminants from electrical parts and mechanical equipment. Contains no CFCs or HCFCs and is safe on most plastics. Nonconductive, noncorrosive.

SOV00034	25791	Solvent, contact cleaner, aerosol, 11 oz	
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HVAC CHEMICALS BY NU-CALGON

Coil and Filter Cleaning

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00393	4291-08	Nu-brite® Foaming Condenser Coil Cleaner, 1 gal bottle	
CHM00394	4291-05	Nu-brite Foaming Condenser Coil Cleaner, 2½ gal pail	
CHM00395	4291-01	Nu-brite Foaming Condenser Coil Cleaner, 55 gal drum	
CHM00355	4178-08	Foam-brite® High Foaming Condenser Cleaner, 1 gal bottle	
CHM00356	4178-05	Foam-brite High Foaming Condenser Cleaner, 2½ gal pail	
CHM00357	4178-01	Foam-brite High Foaming Condenser Cleaner, 55 gal drum	
CHM00332	4120-08	Alka-brite Low Foaming Condenser Coil Cleaner, 1 gal bottle	
CHM00333	4120-05	Alka-brite Low Foaming Condenser Coil Cleaner, 2¾ gal pail	
CHM00334	4120-01	Alka-brite Low Foaming Condenser Coil Cleaner, 55 gal drum	
CHM00324	4081-75	CalClean®, 20 oz aerosol can	
CHM00341	4135-08	CalClean® Multi-purpose Coil Cleaner, 1 gal bottle	
CHM00342	4135-06	CalClean Multi-purpose Coil Cleaner, 2¾ gal pail	
CHM00343	4135-01	CalClean Multi-purpose Coil Cleaner, 55 gal drum	
CHM00344	4143-08	HD CalClean, Heavy-duty E.A.C. and Coil Cleaner, 1 gal bottle	
CHM00345	4143-06	HD CalClean, Heavy-duty E.A.C. and Coil Cleaner, 2¾ gal pail	
CHM00346	4143-01	HD CalClean, Heavy-duty E.A.C. and Coil Cleaner, 55 gal drum	
CHM00448	4823-08	E.A.C. and coil cleaner, 1 gal bottle	
CHM00347	4144-24	CalClean HD-RTU E.A.C. and Coil Cleaner, 1 qt spray bottle	
CHM00337	4133-08	Cal-brite®, 1 gal bottle	
CHM00440	4133-01	Cal-brite®, 55 gal drum	
CHM00351	4168-08	Evap. Pow'r®-C No-rinse Evaporator Cleaner, 1 gal bottle	
CHM00352	4168-05	Evap. Pow'r®-C No-rinse Evaporator Cleaner, 2½ gal pail	
CHM00353	4169-24	Evap. Pow'r®-RTU No-rinse Evaporator Cleaner, 1 qt spray bottle	
CHM00367	4186-24	Green Clean All-purpose Cleaner, 1 qt spray bottle	
CHM00368	4186-08	Green Clean All-purpose Cleaner, 1 gal bottle	
CHM00369	4186-05	Green Clean All-purpose Cleaner, 5 gal pail	
CHM00426	4371-88	Tri-pow'r™ Economical Coil Cleaner, 1 gal bottle	
CHM00443	4371-81	Tri-pow'r™ Economical Coil Cleaner, 55 gal drum	



Coil Protection by Nu-Calgon

CHM00348	4148-32	Cal-shield® Coil Protectant with Teflon, 1 qt spray bottle	
CHM00349	4148-08	Cal-shield Coil Protectant with Teflon, 1 gal	
CHM00441	4148-01	Cal-shield Coil Protectant with Teflon, 55 gal drum	

Sprayers by Nu-Calgon

DST00851	4768-W3	Sprayer, multipurpose hand	
DST00857	4774-0	Coil Gun-hose End Sprayer	
DST00853	4770-2	Sprayer, Cal-shield	
DST00852	4770-0	Sprayer, no. 50P poly	
DST00854	4771-2	Sprayer, no. 200P water pressure	
DST00855	4771-3	Sprayer, no. .220CP	
DST00856	4772-0	Sprayer, no. 300P	

IAQ Products by Nu-Calgon

CHM00351	4168-08	Evap. Pow'r®-C No-rinse Evaporator Cleaner, 1 gal bottle	
CHM00352	4168-05	Evap. Pow'r-C noNo-rinse Evaporator Cleaner, 2½ gal pail	
CHM00353	4169-24	Evap. Pow'r-RTU No-rinse Evaporator Cleaner, 1 qt spray bottle	
CHM00426	4371-88	Tri-pow'r™ Economical Coil Cleaner, 1 gal bottle	
CHM00443	4371-81	Tri-pow'r™ Economical Coil Cleaner, 55 gal drum	
CHM00335	4126-34	Bio-fresh® CD, EPA-registered HVAC Sanitizer, 1 qt spray bottle	
CHM00336	4126-38	Bio-fresh CD, EPA-registered HVAC Sanitizer, 1 gal bottle	
TOL01981	4693-0	Fogger, Bio-fresh® CD	
CHM00398	4294-40	Odor-free deodorant towels, 40 bucket	
CHM00399	4294-70	Odor-free deodorant towels, 70 bucket	
CHM00400	4294-99	Odor-free towel cage, each	

Condensate Pan Treatment

CHM00464	4295-34	Panpad "5" size	
CHM00465	4296-24	Panpad "15" size	
CHM00466	4296-45	Panpad "45" size	
CHM00469	4292-75	Condensate tablets	

System Flushing by Nu-Calgon

CHM00402	4298-02	Pneu-flush® Pneumatic Cleaning Solvent, each	
CHM00405	4298-88	Pneu-flush Access Valve, each	
CHM00403	4298-04	Pneu-flush Pneumatic Cleaning Solvent, 1 gal	
CHM00404	4298-05	Pneu-flush Pneumatic Cleaning Solvent, 2½ gal	
CHM00410	4300-11	Rx11 Flush, AC/R Flush, each	
CHM00409	4300-10	Rx11 Flush® "2-in-1" display pack, AC/R Flush, each	
CHM00411	4300-15	Rx11 Flush, AC/R Flush, each	
CHM00412	4300-99	Rx11 Flush Injection Tool, each	



Scale Removal/Descaling by Nu-Calgon

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00415	4330-08	Scale Dissolver, liquid, 1 gal bottle	
CHM00416	4330-05	Scale Dissolver, liquid, 5 gal pail	
CHM00421	4360-88	Scale Remover, season start, 10 lb container	
CHM00420	4360-84	Scale Remover, imperial grade, 50 lb pail	
CHM00338	4134-24	Calci-solve® Scale and Rust Remover, 1 gal	
CHM00339	4134-08	Calci-solve Scale and Rust Remover, 1 gal	
CHM00340	4134-01	Calci-solve Scale and Rust Remover, 55 gal drum	
PMP01622	4603-0	Acid Pump, no. 31TX	
KIT08258	4604-0	Acid Pump hose kit no., HK-31	

Ice Machine Cleaning and Filtration by Nu-Calgon

CHM00377	4207-47	Ice Machine Cleaner, 13.2 net, 8 fl oz bottle	
CHM00378	4207-08	Ice Machine Cleaner, 1 gal bottle	
CHM00390	4287-34	Nickel Safe Ice Machine Cleaner, 16 fl oz bottle	
CHM00391	4287-08	Nickel Safe Ice Machine Cleaner, 1 gal bottle	
CHM00379	4211-34	IMS-II Sanitizer for ice machines, 16 oz bottle	
CHM00073	4209-06	T.R. Bio-Klean size 12x3x5/8, use on 20 ton units, bulk 1 pkg=96 pcs	
CHM00387	4265-20	Micromet Crystals 6r, 8 oz packets	
CHM00388	4265-84	Micromet Crystals 6r, 50 lb pail	
FLR05245	4705-87	NP246R Micromet Cartridge	
FLR05254	4715-87	NP486R Micromet Cartridge	
CHM00436	4615-W3	Micro-plus 2, In-line Filter, Scale, Taste, Sediment	
CHM00433	4612-W3	Micro-plus® 4, In-line Filter, Scale, Taste, Sediment	
CHM00434	4613-Y8	Micro-plus 8, In-line Filter, Scale, Taste, Sediment	
CHM00435	4614-Y8	Micro-plus 16, In-line Filter, Scale, Taste, Sediment	
BRK03279	4619-0	Micro-plus Bracket	
FTG00976	4619-22	Micro-plus Quick Connect Kit, MPOC	
HUS03684	4704-24	NP24DD Housing	
HUS03685	4714-24	NP48DD Housing	
HUS03686	4714-26	NP48DD Valve in Head Housing	
TOL01980	4624-0	No. 4 Micromet Feeder	
FLR05245	4705-87	NP246R Micromet Cartridge	
FLR05254	4715-87	NP486R Micromet Cartridge	
FLR05241	4701-87	NP24C Carbon Cartridges	
FLR05248	4711-87	NP48C Carbon Cartridges	
FLR05243	4702-87	NP24S Sediment Cartridges	
FLR05252	4712-87	NP48S Sediment Cartridges	
FLR05250	4712-10	Sediment Cartridge, 5 micron bulk	
FLR05251	4712-20	Sediment Cartridge, 5 micron bulk	
FLR05246	4706-87	NP24PC Micromet/Carbon Cartridges	
FLR05255	4716-87	NP48PC Micromet/Carbon Cartridges	
FLR05247	4707-87	NP24PS Phosphate/Sediment Cartridges	
FLR05256	4717-87	NP48PS Phosphate/Sediment Cartridges	
FLR05242	4701-89	NP24GC Granulated Carbon Cartridges	
FLR05249	4711-89	NP48GC Granulated Carbon Cartridges	
FLR05244	4704-30	PC600 Filtration Package	
FLR05253	4714-30	PC1200 Filtration Package	
FLR05235	4617-24	Micro-carbon 4 Filter, In-line Taste and Odor	
CHM00437	4721-04	UV Ozonator (OZG10)	
CHM00438	4721-12	UV Ozonator (OZG12)	
FLR05236	4620-01	Nu-plus® CF Everpure Replacement Cartridge for high sediment waters	
FLR05237	4620-02	Nu-plus SC Everpure Insurvice or MH Replacement Cartridge	
FLR05238	4620-04	Nu-plus to Everpure MC Replacement Cartridge	
FLR05239	4620-06	Nu-plus HZC Hoshizaki HC Replacement Cartridge	
FLR05240	4620-07	Nu-plus HZF Hoshizaki HF Replacement Cartridge	
FLR05229	4610-20	CTL05 Prefilter and Cartridge, Tri-liminator Replacement	
FLR05230	4610-21	CTL10 Single 20" Housing, Tri-liminator Replacement	
FLR05231	4610-22	CTL15 Single 20" Housing and Prefit, Tri-liminator Replacement	
FLR05232	4610-23	CTL20 Twin 20" Housings, Tri-liminator Replacement	
FLR05233	4610-24	CTL25 Twin 20" Housings and Prefit, Tri-liminator Replacement	
FLR05234	4610-26	C0070 Primary Cartridge, Tri-liminator Replacement	

Cooling Tower Water Treatment by Nu-Calgon

CHM00422	4364-88	Scale Remover, Season Treat, 5 lb.	
CHM00389	4275-84	Micromet plates, 50 lb pail	
CHM00385	4243-97	Micromet® Crystal, 5 lb container	
CHM00386	4243-84	Micromet Crystals, 50 lb pail	
CHM00417	4340-08	Scale Inhibitor, no. 340 liquid, 1 gal bottle	
CHM00418	4340-05	Scale Inhibitor, no. 340 liquid, 5 gal pail	
CHM00419	4340-01	Scale Inhibitor, no. 340 liquid, 55 gal. drum	



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00430	7597-05	Ty-ion C70, Complete Cooling Tower Treatment, 5 gal pail	
CHM00431	7597-P3	Ty-ion C70, Complete Cooling Tower Treatment, 15 gal pail	
BRK03277	4606-0	Bracket Holder, C-284-1, 1 gal jug	
BRK03278	4607-0	Bracket Holder, C-284-5, 5 gal jug	
MON00016	4608-4	CMS IV Cooling Monitor System w/pump	
PMP01623	4609-1	CMS Chemical Feed Pump	
CHM00350	4149-05	Cal-treat® 233 Corrosion Inhibitor, 5 gal pail	
TMR00212	C-1100	C-1100 Percentage Timer 1	
CHM00330	4109-M5	Algaecide, no. 90, 4 lb jar	
CHM00331	4109-M9	Algaecide, no. 90, 50 lb pail	
CHM00328	4108-08	Algaecide, no. 85, 1 gal bottle	
CHM00329	4108-P3	Algaecide, no. 85, 15 gal pail	

System Clean Up

CHM00470	4370-08	Nu-Calgon system cleaner, 5 gal pail	
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Closed System and Glycol Water Treatment by Nu-Calgon

CHM00429	7537-24	Ty-ion B20 Hot Water or Chiller Loop Corrosion Inhibitor, 1 qt package	
CHM00428	7537-05	Ty-ion B20 Hot Water or Chiller Loop Corrosion Inhibitor, 5 gal pail	
CHM00427	7519-05	Ty-ion® B14A Low Pressure Steam Boiler Treatment, 5 gal pail	
DST00850	4742-0	Pressure Pot Feeder no. 44	
PMP01625	T775-0	Silver King Pump	
MTR00897	4816-0	Refractometer, C-7084 glycol tester	
CHM00370	4188-07	Freez-kontr'l® Propylene Glycol Heat Transfer Fluid, 1 gal bottle	
CHM00371	4188-05	Freez-kontr'l Propylene Glycol Heat Transfer Fluid, 5 gal pail	
CHM00372	4188-01	Freez-kontr'l Propylene Glycol Heat Transfer Fluid, 55 gal drum	
CHM00373	4189-07	Freez-therm™ Ethylene Glycol Heat Transfer Fluid, 1 gal bottle	
CHM00374	4189-05	Freez-therm Ethylene Glycol Heat Transfer Fluid, 5 gal pail	
CHM00375	4189-01	Freez-therm Ethylene Glycol Heat Transfer Fluid, 55 gal drum	
CHM00442	4189-02	Freez-therm Ethylene Glycol Heat Transfer Fluid, 55 gal drum uninhibited	

CHM00459	4187-05	Burst-Kontr'l heat transfer and anti-freeze fluid, 5 gal pail	
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Feeding Equipment by Nu-Calgon

DST00846	4669-W3	No. 215 Drip Feeder	
DST00847	4670-W3	No. 1075 Drip Feeder	
TNK00873	4628-0	No. 20L Micromet Feeder	
TNK00874	4650-0	No. 100L Micromet Feeder	
DST00848	4673-W3	Feeding Bags Micromet Plate	
DST00849	4695-0	Floater, no. 90 Algaecide	

Refrigeration Oils by Nu-Calgon

OIL00119	4310-07	Zerol 150 (150 viscosity ab) 1 gal	
OIL00120	4310-05	Zerol 150 (150 viscosity ab) 5 gal	
OIL00121	4310-01	Zerol 150 (150 viscosity ab) 55 gal	
OIL00116	4308-07	Zerol 200TD Copeland-approved AB, 1 gal	
OIL00117	4308-05	Zerol 200TD Copeland-approved AB, 5 gal	
OIL00118	4308-01	Zerol 200TD Copeland-approved AB, 55 gal	
OIL00122	4311-07	Zerol 300 (300 viscosity AB) 1 gal	
OIL00123	4311-05	Zerol 300 (300 viscosity AB) 5 gal	
OIL00124	4311-01	Zerol 300 (300 viscosity AB) 55 gal	
OIL00125	4311-65	Zerol 400 CA (400 viscosity) Carrier-approved AB, 5 gal	
OIL00126	4312-05	Zerol 500 (500 viscosity AB) 5 gal	
OIL00108	4303-07	C-3 (150 viscosity MO), 1 gal	
OIL00109	4303-05	C-3, (150 viscosity MO), 5 gal	
OIL00110	4303-01	C-3, (150 viscosity MO), 55 gal	
OIL00111	4304-07	C-4, (300 viscosity MO) 1 gal	
OIL00112	4304-05	C-4, (300 viscosity MO) 5 gal	
OIL00113	4304-01	C-4, (300 viscosity MO) 55 gal	
OIL00114	4305-07	C-5, (500 viscosity MO) 1 gal	
OIL00115	4305-01	C-5, (500 viscosity MO) 55 gal	
OIL00127	4314-24	Castrol, SW32, 1 qt	
OIL00128	4314-06	Castrol, SW32, 1 gal	
OIL00129	4314-05	Castrol, SW32, 5 gal	
OIL00130	4314-01	Castrol, SW32, 55 gal	
OIL00140	4316-24	Castrol, SW68, 1 quart	
OIL00131	4316-06	Castrol, SW68, 1 gal	
OIL00132	4316-05	Castrol, SW68, 5 gal	
OIL00133	4316-01	Castrol, SW68, 55 gal	
OIL00134	4316-15	Castrol, E68, 5 gal	
OIL00135	4317-06	Castrol, SW100, 1 gal	
OIL00136	4317-05	Castrol, E100, 5 gal	
OIL00141	4318-05	Castrol, SW220, 5 gal	





SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
OIL00142	4318-06	Castrol, SW220HT, 5 gal	
OIL00143	4316-16	Castrol, CASTROL E68, 1 gal	
Lubricant Products by Nu-Calgon			
CHM00414	4320-W8	Refrigeration Oil Acid Test Kit Phase® III, each	
MTR00896	4815-0	Refractometer, C-1520 Oil	
PMP01624	4814-0	Canverter® Oil Pump	
CHM00413	4301-02	Rx-Acid Scavenger	
Vacuum Pump Oil by Nu-Calgon			
OIL00137	4383-34	Vacuum Pump Oil, 1 pint bottle	
OIL00138	4383-24	Vacuum Pump Oil, 1 qt bottle	
OIL00139	4383-07	Vacuum Pump Oil, 1 gal bottle	
Specialty Products by Nu-Calgon			
CHM00463	4292-75	Nu-Kill II wasp and hornet killer, 14 oz. Aerosol	
CHM00376	4194-16	Hand Cleaner, Nu-klan® II, 16 oz tube	
CHM00360	4182-53	Gas Leak Detector, Cal-blue®, 6 oz bottle w/dauber	
CHM00361	4182-24	Gas Leak Detector, Cal-blue, 1 qt spray bottle	
CHM00362	4182-08	Gas Leak Detector, Cal-blue, 1 gal bottle	
CHM00363	4183-24	Gas Leak Detector, Cal-blue lt, 1 qt spray bottle	
CHM00364	4183-08	Gas Leak Detector, Cal-blue lt, 1 gal bottle	
CHM00358	4180-08	Gas Leak Detector, 1 gal bottle	
CHM00365	4184-24	Gas Leak Detector, Fluorescent, 1 qt spray bottle	
CHM00366	4184-08	Gas Leak Detector, Fluorescent, 1 gal bottle	
CHM00407	4299-10	Quick-seal™ Pipe Repair, 2" x 3'	
CHM00408	4299-11	Quick-seal Pipe Repair, 4" x 12'	
CHM00423	4366-24	Scrubs®-In-A-Bucket, 36-count canister	
CHM00424	4366-87	Scrubs-In-A-Bucket, 72-count canister	
CHM00384	4230-72	Kleen-N-Toss™, 72-count canister	
SOV00046	4162-07	Degreasing Solvent EF, 1 gal	
CHM00425	4371-36	Thermo-trap® Heat Absorbing Paste, 10 oz tube	
CHM00432	4388-82	Weltone®, Well-Cleaning Compound, 100 lb keg	
Aerosol Products by Nu-Calgon			
ADH00028	4080-04	Adhesive, 11 oz aerosol can	
ADH00030	4369-75	Adhesive, 12 oz. Spray	
LUB00055	4084-03	Aerosol, Food Grade Silicone, 11 oz	
CHM00406	4299-T8	Pump Protector, 10 oz aerosol	
CHM00325	4082-03	Aerosol, Electrical Contact Cleaner, 11 oz	
LUB00056	4085-83	Aerosol, Penetrating Lubricant, 12 oz	
CHM00326	4086-03	Aerosol, V-belt Dressing, 16 oz	
CHM00327	4087-03	Aerosol, Zinc Rich. Cold Galv., 16 oz	
CHM00354	4171-75	Evap Foam-No Rinse® Evaporator Cleaner 18 oz aerosol can	
CHM00392	4290-75	Nu-blast® High Pressure Coil Cleaner, 18 oz aerosol can	
CHM00324	4081-75	CalClean®, 20 oz aerosol can	
CHM00401	4297-75	Pipe-dri®, Aerosol Insulation, 18 oz	
SOV00045	4083-75	Degreasing Solvent EF, 17 oz aerosol can	
Insulation Products by Nu-Calgon			
CHM00383	4217-W3	Insulation Tape, cork, 2" x 1/8" x 30'	
CHM00396	4293-04	Nu-foam Expanding Sealant, 9 oz can	
CHM00397	4293-75	Nu-foam Expanding Sealant, 20 oz can	
TAP00098	4218-12	Insulation Tape, Presst-O-Cel Foam, 2" x 1/8" x 30' roll	
CHM00382	4216-92	Insulation Slugs, 2 lb box	
CHM00380	4216-27	Insulation Cords, 3/8", 3/8" x 25' roll	
CHM00381	4216-28	Insulation Cords, 3/16", 3/16" x 100' roll	
TAP00102	4218-W3	Tape, 2" x 1/8" x 30' roll	
TAP00099	4219-12	Insulation Foam Tape, 2" x 1/8" x 30' roll	
Water Test Kits by Nu-Calgon			
KIT08268	4784-0	Chloride (K1598)	
KIT08259	4785-0	Chlorine (K9047)	
KIT08260	4790-0	Hydrogen Sulfide (K0076)	
KIT08262	4798-2	No. 89A (K5835) for cooling water	
MTR00895	4812-0	Conductivity Meter	
KIT08261	4797-0	Nitrite (W003-0)	
KIT08264	W017-0	Complete Taylor, for cooling and boiler water	
KIT08263	4804-0	Organic Phosphorous	
KIT08265	Y141-0	Bacteria (10 tests per kit)	
CHM00439	4775-0	Alkalinity (K1527)	

Oils



MINERAL REFRIGERATION OIL BY TRANE

Refrigeration Oil

ServiceFirst OIL00057 and OIL00044 mineral refrigeration oils are manufactured by Calumet Refining Company and are of the highest quality and purity available. They are packaged in gallon bottles with a convenient view strip for easily determining content levels.

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
OIL00057	Refrigeration Oil, 150 viscosity, 1 gal bottle	
OIL00058	Refrigeration Oil, 300 viscosity, 1 gal bottle	

OEM Refrigeration Oils

OIL00015	OEM, Formula, 300 SUS, 1 gal container
OIL00031	OEM, 300 SUS, 1 gal container
OIL00037	OEM, (R-134) Grand 68, 1 gal container
OIL00042	OEM, 150 SUS with lubricity additive, 1 gal container
OIL00045	OEM, 300 SUS with lubricity additive, 1 gal container
OIL00048	OEM, ISO 68 Polyolester, 1 gal container

POE Oils



ICI EMKARATE RL LUBRICANTS

Emkarate RL polyolester refrigeration lubricants are specially designed for use with HFC and HCFC refrigerants. They may also be used with CFC refrigerants.

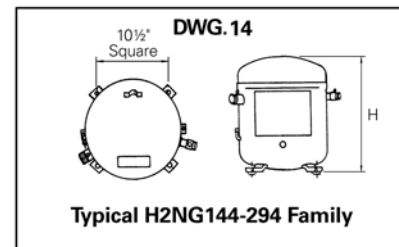
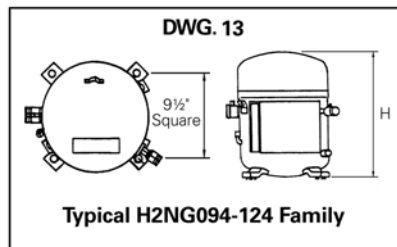
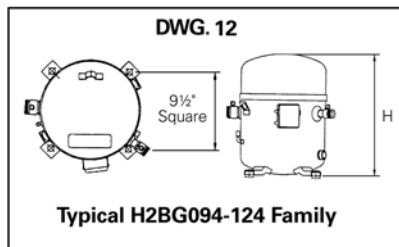
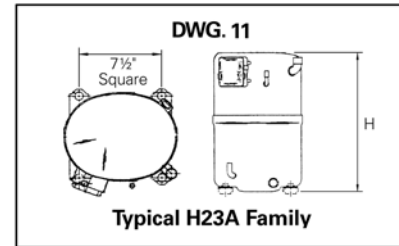
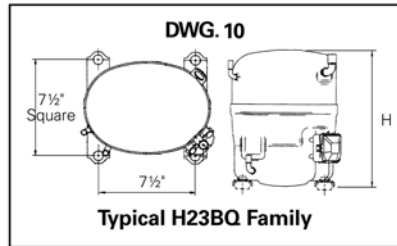
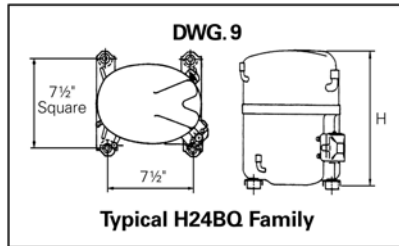
- For use with all HFC, HCFC and CFC refrigerants.

UNITS TEST METHOD	SERVICEFIRST ITEM NO.	MFG #	VISCOSITY		INDEX NO D2270	POUR POINT °C D97	DENSITY @ 20°C G/ML D1298	FLASH POINT (COC) °C D82	ACID VALUE MGKOH/G IN HOUSE	COLOR HAZEN D1209	WATER CONTENT PPM E326	MISCIBILITY 10% LUBE IN 134A		PRICE
			@ 40°C IN CST D445	@ 100°C								HIGH, °C	LOW, °C IN HOUSE	
	OIL00079 (gal)	RL 32H	33.7	5.9	110	-46	0.977	270	<0.02	60	<40	>80	-42	
	OIL00080 (gal)													
	OIL00048 (gal)	RL 68H	72.3	9.8	120	-39	0.977	270	<0.02	70	<40	>80	-26	
	OIL00086 (gal)	RL 100S	100	12.7	120	-36	0.974	260	<0.02	125	<40	>75	+6	

Compressors

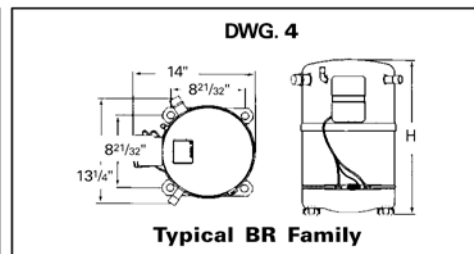
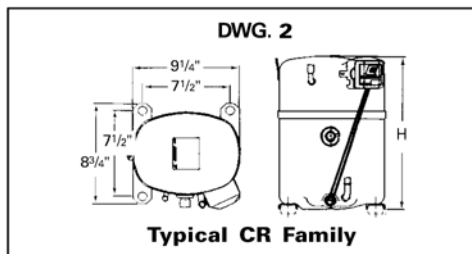
Hermetic

COMPRESSORS BY BRISTOL Hermetic Reciprocating Compressors



SERVICEFIRST ITEM NO.	BRISTOL MODEL NUMBER	NOMINAL TONNAGE	VOLTAGE 60 HZ	50 HZ	NOMINAL SUC. ID.	DIS. ID.	SHELL HEIGHT	SHIPPING WEIGHT	COMP. DWG.	RUN CAPACITOR	START CAPACITOR	START RELAY	CRANKCASE HEATER	PRICE
COM06865	H24B13QABCA	1.1	230/208-1		1/2"	5/16"	13.3	62.0	Dwg 9	CPT00180	CPT00086			
COM06867	H23B15QABCA	1.2	230/208-1		5/8"	3/8"	12.6	62.0	Dwg 10	CPT00160	CPT00086			
COM06870	H23B17QABCA	1.4	230/208-1		5/8"	3/8"	12.6	63.5	Dwg 10	CPT00160	CPT00086			
COM06873	H23B19QABCA	1.6	230/208-1		5/8"	3/8"	13.3	65.0	Dwg 10	CPT00160	CPT00086			
COM06875	H23B20QABCA	1.6	230/208-1		5/8"	3/8"	13.3	65.0	Dwg 10	CPT00160	CPT00086			
COM06880	H23B24QABCA	1.9	230/208-1		5/8"	3/8"	13.3	65.5	Dwg 10	CPT00105	CPT00086			
COM06882	H23B26QABCA	2.2	230/208-1		5/8"	3/8"	13.3	66.5	Dwg 10	CPT00105	CPT00086			
COM06883	H23B28QABCA	2.3	230/208-1		3/4"	3/8"	13.3	66.5	Dwg 10	CPT00105	CPT00086			
COM06886	H23B30QABCA	2.5	230/208-1		3/4"	3/8"	13.3	67.5	Dwg 11	CPT00201	CPT00086			
COM06887	H23A323DBLA	2.6	230/208-3		3/4"	3/8"	14.6	75.0	Dwg 11	-	-	-		
COM06888	H23B32QABCA	2.6	230/208-1		3/4"	3/8"	13.8	71.3	Dwg 11	CPT00449	CPT00086			
COM02917	H23A353ABCA	2.9	230/208-1		3/4"	3/8"	14.6	79.0	Dwg 11	CPT00235	CPT00298		HTR01266	
COM02912	H23A353DBLA	2.9	230/208-3		3/4"	3/8"	14.6	78.0	Dwg 11	-	-	-	HTR01199	
COM02049	H23A383ABCA	3.2	230/208-1		3/4"	3/8"	14.6	83.0	Dwg 11	CPT00235	CPT00298	RLY01097	HTR01266	
COM02051	H23A383DBEA	3.2	460-3		3/4"	3/8"	14.6	78.5	Dwg 11	-	-	-	HTR01266	
COM02921	H23A383DBLA	3.2	230/208-3		3/4"	3/8"	14.6	79.0	Dwg 11	-	-	-	HTR01199	
COM02923	H23A423ABCA	3.5	230/208-1		7/8"	1/2"	14.6	79.0	Dwg 11	CPT00236	CPT00298	RLY01097	HTR01199	
COM02919	H23A423DBEA	3.5	460-3		3/4"	3/8"	14.6	79.0	Dwg 11	-	-	-	HTR01200	
COM06889	H23A423DBFA	3.5	575-3		7/8"	1/2"	14.6	79.0	Dwg 11	-	-	-		
COM02918	H23A423DBLA	3.5	230/208-3		3/4"	3/8"	14.6	79.0	Dwg 11	-	-	-	HTR01199	
COM03776	H23A463ABCA	3.9	230/208-1		7/8"	1/2"	14.6	82.0	Dwg 11	CPT00236	CPT00091	RLY01097	HTR01266	
COM02054	H23A463DBEA	3.9	460-3		7/8"	1/2"	14.6	79.0	Dwg 11	-	-	-	HTR01266	
COM06890	H23A463DBFA	3.9	575-3		7/8"	1/2"	14.6	79.0	Dwg 11	-	-	-	HTR01266	
COM02053	H23A463DBLA	3.9	230/208-3		7/8"	1/2"	14.6	79.0	Dwg 11	-	-	-	HTR01266	
COM06891	H23A503ABCA	4.1	230/208-1		7/8"	1/2"	16.1	92.0	Dwg 11	CPT00236	CPT00091		HTR01266	
COM06892	H23A543ABCA	4.5	230/208-1		7/8"	1/2"	16.1	92.0	Dwg 11	CPT00237	CPT00091		HTR01266	
COM06893	H23A543DBEA	4.5	460-3		7/8"	1/2"	16.1	84.0	Dwg 11	-	-	-	HTR01266	
COM06894	H23A543DBFA	4.5	575-3		7/8"	1/2"	16.1	84.0	Dwg 11	-	-	-	HTR01266	
COM06895	H23A543DBLA	4.5	230/208-3		7/8"	1/2"	16.1	84.0	Dwg 11	-	-	-	HTR01266	
COM02079	H23A563ABCA	4.6	230/208-1		7/8"	1/2"	16.1	96.0	Dwg 11	CPT00239	CPT00091	RLY01690	HTR01266	
COM02081	H23A563DBEA	4.6	460-3		7/8"	1/2"	16.1	88.0	Dwg 11	-	-	-	HTR01266	
COM06896	H23A563DBFA	4.6	575-3		7/8"	1/2"	16.1	88.0	Dwg 11	-	-	-	HTR01266	
COM02080	H23A563DBLA	4.6	230/208-3		7/8"	1/2"	16.1	88.0	Dwg 11	-	-	-	HTR01266	
COM06897	H23A623ABCA	5.1	230/208-1		7/8"	1/2"	16.1	98.0	Dwg 11	CPT00239	CPT00091		HTR01266	
COM06898	H23A623DBEA	5.1	460-3		7/8"	1/2"	16.1	88.0	Dwg 11	-	-	-	HTR01266	
COM06899	H23A623DBFA	5.1	575-3		7/8"	1/2"	16.1	88.0	Dwg 11	-	-	-	HTR01266	
COM06900	H23A623DBLA	5.1	230/208-3		7/8"	1/2"	16.1	88.0	Dwg 11	-	-	-	HTR01266	
COM06901	H2NG094DPFE	7.3	575-3		1.75-12 R	1.25-12 R	17.6	162	Dwg 13-	-	-	-		
COM06902	H2BG094DBDE	7.4	230/208-3		1.75-12 R	1.25-12 R	17.6	138	Dwg 12-	-	-	-		
COM06903	H2BG094DBEE	7.4	460-3		1.75-12 R	1.25-12 R	17.6	138	Dwg 12-	-	-	-		

SERVICEFIRST ITEM NO.	BRISTOL MODEL NUMBER	NOMINAL TONNAGE	VOLTAGE 60 HZ	50 HZ	NOMINAL SUC. ID	DIS. ID	SHELL HEIGHT	SHIPPING WEIGHT	COMP DWG.	RUN CAPACITOR	START CAPACITOR	START RELAY	CRANKCASE HEATER	PRICE
COM06906	H2BG104DBEE	8.4	460-3-60		1.75-12 R	1.25-12 R	18.3	153	Dwg 12-	-	-	-		
COM06907	H2NG104DRFE	8.5	575-3		1.75-12 R	1.25-12 R	18.3	166	Dwg 13-	-	-	-		
COM06908	H2BG104DBDE	8.7	230/208-3		1.75-12 R	1.25-12 R	18.3	153	Dwg 12-	-	-	-		
COM07114	H2BG124DBEE	9.9	460-3		1.75-12 R	1.25-12 R	18.3	146	Dwg 12-	-	-	-	HTR01198	
COM01686	H2BG124DBDE	10.1	230/208-3		1.75-12 R	1.25-12 R	18.3	146	Dwg 12-	-	-	-	HTR01197	
COM06910	H2NG184DPFF	15.3	575-3		1.75-12 R	1.25-12 R	21.8	253	Dwg 14-	-	-	-		
COM02287	H2NG184DPEF	15.3	460-3		1.75-12 R	1.25-12 R	21.8	253	Dwg 14-	-	-	-	HTR01200	
COM02056	H2NG184GPDF	15.3	230/208-3		1.125-12 R	1.125-12 R	21.8	253	Dwg 14-	-	-	-	HTR01199	
COM06911	H2NG204DREF	17.7	460-3		1.75-12 R	1.25-12 R	21.8	260	Dwg 14-	-	-	-		
COM06912	H2NG204FRDF	17.7	230/208-3		1.75-12 R	1.25-12 R	21.8	260	Dwg 14-	-	-	-		
COM06913	H2NG244DREF	21.1	460-3		1.75-12 R	1.25-12 R	21.8	269	Dwg 14-	-	-	-		
COM06914	H2NG244FRDF	21.1	230/208-3		1.75-12 R	1.25-12 R	21.8	269	Dwg 14-	-	-	-		
COM06915	H2NG294DPEF	24.0	460-3		1.75-12 R	1.25-12 R	21.8	280	Dwg 14-	-	-	-		
COM06916	H2NG294FPDF	24.0	230/208-3		1.75-12 R	1.25-12 R	21.8	280	Dwg 14-	-	-	-		



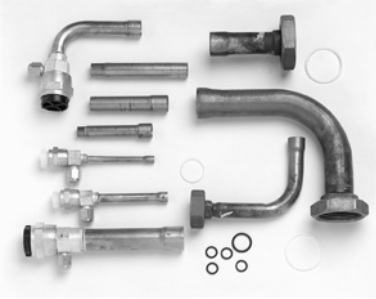
COMPRESSORS BY COPELAND

Copeland Hermetic Reciprocating Compressors

SERVICEFIRST ITEM NO.	COPELAND MODEL NUMBER	NOMINAL TONNAGE	VOLTAGE 60 HZ	50 HZ	NOMINAL SUC. ID	DIS. ID	SHELL HEIGHT	SHIPPING WEIGHT	COMP DWG.	RUN CAPACITOR	START CAPACITOR	START RELAY	CRANKCASE HEATER	PRICE
COM01969	CRA1-0150-PFV-970	1.4	208/230-1	200/220-1	5/8"	3/8"	13.5	66	Dwg 2	CPT00233	CPT00298	RLY01688	HTR01266	
COM01701	CRC1-0175-PFV-970	1.7	208/230-1	200/220-1	5/8"	3/8"	13.8	66	Dwg 2	CPT00241	CPT00298	RLY01688	HTR01266	
COM04479	CRC1-0175-TF5-970	1.7	200/230-3	200/240-3	5/8"	3/8"	13.8	66	Dwg 2	-	-	-	HTR01266	
COM02227	CRD1-0200-PFV-970	2.0	208/230-1	200/220-1	5/8"	3/8"	13.8	66	Dwg 2	CPT00234	CPT00298	RLY01688	HTR01266	
COM01703	CRE2-0225-PFV-970	2.3	208/230-1	200/220-1	5/8"	3/8"	14.4	67	Dwg 2	CPT00234	CPT00298	RLY01688	HTR01266	
COM01704	CRE2-0225-TF5-970	2.3	200/230-3	200/240-3	5/8"	3/8"	14.4	67	Dwg 2	-	-	-	HTR01266	
COM01970	CRG3-0250-PFV-970	2.7	208/230-1	200/220-1	3/4"	3/8"	14.3	70	Dwg 2	CPT00240	CPT00411	RLY01690	HTR01266	
COM02018	CRG3-0250-TF5-970	2.7	200/230-3	200/240-3	3/4"	3/8"	14.3	70	Dwg 2	-	-	-	HTR01266	
COM02483	CRH3-0275-PFV-970	2.9	208/230-1	200/220-1	3/4"	3/8"	14.6	72	Dwg 2	CPT00240	CPT00259	RLY01688	HTR01266	
COM04499	CRH3-0275-TF5-970	2.8	200/230-3	200/240-3	3/4"	3/8"	14.6	72	Dwg 2	-	-	-	HTR01266	
COM07199	CRI3-0290-PFV-970	3.0	208/230-1	200/220-1	3/4"	3/8"	14.8	72	Dwg 2	CPT00236	CPT00259	RLY01690	HTR01266	
COM06263	CRI3-0290-TF5-970	3.0	200/230-3	200/240-3	3/4"	3/8"	14.8	72	Dwg 2	-	-	-	HTR01266	
COM02486	CRJ3-0300-PFV-970	3.2	208/230-1	200/220-1	3/4"	3/8"	14.8	72	Dwg 2	CPT00235	CPT00259	RLY01690	HTR01266	
COM02487	CRJ3-0300-TF5-970	3.1	200/230-3	200/240-3	3/4"	3/8"	14.8	72	Dwg 2	-	-	-	HTR01266	
COM02637	CRK3-0325-PFV-970	3.5	208/230-1	200/220-1	3/4"	3/8"	15.1	76	Dwg 2	CPT00236	CPT00259	RLY01690	HTR01266	
COM04514	CRK3-0325-TF5-970	3.5	200/230-3	200/240-3	3/4"	3/8"	15.1	76	Dwg 2	-	-	-	HTR01266	
COM02526	CRL3-0350-PFV-970	3.9	208/230-1	200/220-1	7/8"	1/2"	15.3	79	Dwg 2	CPT00236	CPT00259	RLY01690	HTR01266	
COM02495	CRL3-0350-TF5-970	3.9	200/230-3	200/240-3	7/8"	1/2"	15.3	79	Dwg 2	-	-	-	HTR01266	
COM04525	CRL3-0350-TFD-970	3.9	575-3	550-3	7/8"	1/2"	15.3	79	Dwg 2	-	-	-	HTR01266	
COM02061	CRM3-0400-PFV-970	4.4	208/230-1	200/220-1	7/8"	1/2"	15.3	80	Dwg 2	CPT00238	CPT00259	RLY01690	HTR01266	
COM02062	CRM3-0400-TF5-970	4.5	200/230-3	200/240-3	7/8"	1/2"	15.3	80	Dwg 2	-	-	-	HTR01266	
COM02063	CRM3-0400-TFD-970	4.5	460-3	380/420-3	7/8"	1/2"	15.3	80	Dwg 2	-	-	-	HTR01266	
COM04529	CRT5-0450-PFV-970	4.6	208/230-1	200/220-1	7/8"	1/2"	15.9	88	Dwg 2	CPT00237	CPT00259	RLY01690	HTR01266	
COM04530	CRT5-0450-TF5-970	4.6	200/230-3	200/240-3	7/8"	1/2"	15.9	88	Dwg 2	-	-	-	HTR01266	
COM04531	CRT5-0450-TFD-970	4.6	460-3	380/420-3	7/8"	1/2"	15.9	88	Dwg 2	-	-	-	HTR01266	
COM04532	CRT5-0450-TFE-970	4.6	575-3	550-3	7/8"	1/2"	15.9	88	Dwg 2	-	-	-	HTR01266	
COM03161	CRP5-0450-PFV-970	4.9	208/230-1	200/220-1	7/8"	1/2"	15.9	94	Dwg 2	CPT00237	CPT00259	RLY01690	HTR01266	
COM03162	CRP5-0450-TF5-970	4.9	200/230-3	200/240-3	7/8"	1/2"	15.9	94	Dwg 2	-	-	-	HTR01266	
COM03163	CRP5-0450-TFD-970	4.9	460-3	380/420-3	7/8"	1/2"	15.9	94	Dwg 2	-	-	-	HTR01266	
COM06337	CRP5-0450-TFE-970	4.9	575-3	550-3	7/8"	1/2"	15.9	94	Dwg 2	-	-	-	HTR01266	
COM02555	CRN5-0500-PFV-970	5.2	208/230-1	200/220-1	7/8"	1/2"	16.1	88	Dwg 2	CPT00239	CPT00091	RLY01692	HTR01266	
COM02536	CRN5-0500-TF5-970	5.3	200/230-3	200/240-3	7/8"	1/2"	15.9	88	Dwg 2	-	-	-	HTR01266	
COM02537	CRN5-0500-TFD-970	5.3	460-3	380/420-3	7/8"	1/2"	16.1	88	Dwg 2	-	-	-	HTR01266	
COM02538	CRN5-0500-TFE-970	5.3	575-3	550-3	7/8"	1/2"	16.1	88	Dwg 2	-	-	-	HTR01266	
COM04537	BRD2-0750-TFC-902	7.5	208/230-3	200/220-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00219	
COM04538	BRD2-0750-TFD-902	7.5	460-3	380/420-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00220	
COM02066	BRE2-0750-TFC-902	8.1	208/230-3	200/220-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00219	
COM02067	BRE2-0750-TFD-902	8.1	460-3	380/420-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00220	
COM02364	BRE2-0750-TFE-904	8.1	575-3	550-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00219	
COM02086	BRG2-0900-TFC-902	9.2	208/230-3	200/220-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00219	
COM02087	BRG2-0900-TFD-902	9.2	460-3	380/420-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00220	
COM06959	BRG2-0900-TFE-904	9.2	575-3	550-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00220	

SERVICEFIRST ITEM NO.	COPELAND MODEL NUMBER	NOMINAL TONNAGE	VOLTAGE 60 HZ	50 HZ	NOMINAL SUC. ID	DIS. ID	SHELL HEIGHT	SHIPPING WEIGHT	COMP DWG.	RUN CAPACITOR	START CAPACITOR	START RELAY	CRANKCASE HEATER	PRICE
COM02363	BRG2-0900-TFE-952	9.2	575-3	550-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00220	
COM02238	BRH2-1000-TFC-952	10.4	208/230-3	200/220-3	1.75-12R	1.25-12R	18.4	169	Dwg 4	-	-	-	HTR00219	
COM02239	BRH2-1000-TFD-952	10.4	460-3	380/420-3	1.75-12R	1.25-12R	18.4	169	Dwg 4	-	-	-	HTR00220	
COM06958	BRH2-1000-TFE-904	10.4	575-3	550-3	1 1/8"	3/4"	18.4	169	Dwg 4	-	-	-	HTR00219	
COM01595	BRK2-1200-TFC-902	12.5	208/230-3	200/220-3	1 1/8"	3/4"	18.4	179	Dwg 4	-	-	-	HTR00219	
COM01596	BRK2-1200-TFD-902	12.5	460-3	380/420-3	1 1/8"	3/4"	18.4	179	Dwg 4	-	-	-	HTR00220	
COM06960	BRK3-1200-TSE-905	12.5	575-3	550-3	1 1/8"	3/4"	18.4	179	Dwg 4	-	-	-	HTR00220	

Compressor Accessories



QUICK CONNECT KITS

Kits refer to fittings of size 6 for Aeroquip fitting size 5/8" through 18" and size 11 for Aeroquip fitting size 1 1/8" through 12".

SERVICEFIRST ITEM NO.	TUBING SIZE	CONFIGURATION	FITTING SIZE	AEROQUIP SIZE	PRICE
KIT01468	1/4" 5/8"	straight 90°	5/8"-18 1 1/8"-12	6 11	
KIT01469	1/4" 5/8"	straight straight	5/8"-18 1 1/8"-12	6 11	
KIT01478	5/16" 3/4"	straight 90°	5/8"-18 1 1/8"-12	6 11	
KIT01479	5/16" 3/4"	straight straight	5/8"-18 1 1/8"-12	6 11	
KIT01470	3/8" 7/8"	straight 90°	5/8"-18 1 1/8"-12	6 11	
KIT01471	3/8" 7/8"	straight straight	5/8"-18 1 1/8"-12	6 11	
KIT01472	3/8" 1 1/8"	straight 90°	5/8"-18 1 1/8"-12	6 11	
KIT01473	3/8" 1 1/8"	straight straight	5/8"-18 1 1/8"-12	6 11	

STUB TUBE KITS

Kits contain one fitting. Two fittings required (one for suction, one for discharge). Select by tube size. Refer to compressor listings for Rotolock fitting size. Tubing size must be obtained by measuring tubing unit.

SERVICEFIRST ITEM NO.	TUBING SIZE	FITTING SIZE	PRICE
KIT01158	3/8"	1.00-14	
KIT01160	3/8", 5/8", 3/4", 90°	1.00-14	
KIT01167	3/8", 5/8", 3/4", 90°	1.25-12	
KIT01159	1/2"	1.00-14	
KIT01162	1/2"	1.25-12	
KIT01161	5/8"	1.00-14	
KIT01163	5/8"	1.25-12	
KIT01164	3/4"	1.25-12	
KIT01169	3/4", 7/8", 90°	1.75-12	
KIT01165	7/8"	1.25-12	
KIT01168	7/8"	1.75-12	
KIT01166	7/8", 90°	1.75-12	
KIT01170	1 1/8"	1.75-12	
KIT01171	1 1/8", 90°	1.75-12	

GASKETS

SERVICEFIRST ITEM NO.	FITTING SIZE	PRICE
GKT01532	1.00-14	
GKT01533	1.25-12	
GKT01534	1.75-12	

AEROQUIP O-RINGS

SERVICEFIRST ITEM NO.	FITTING SIZE	PRICE
RNG01009	6	
RNG01010	10	
RNG01011	11	
RNG01012	12	



MOUNTING KITS

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
KIT01172	3 grommets, mounting hardware	
KIT01173	4 grommets, mounting rails, mounting hardware	
KIT00987	4 grommets, 4 sleeves	
KIT00988	4 grommets, 4 sleeves	
KIT00989	4 grommets, 4 sleeves	
KIT00990	4 grommets, 4 sleeves	
KIT00991	4 grommets, 4 sleeves	
KIT00992	4 grommets, 4 sleeves	
KIT01244	4 grommets, 4 sleeves	
MNT00533	3 grommets, mounting feet, mounting hardware	

HARD START KITS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT01477	C941280G01	Kit, start	
CNT00962	B940977G01	Control, start accessory	

KICKSTART HARD START DEVICE

A two-wire hard start kit using potential relay and start capacitor. No thermistors, hot wires, or time delays. Easy to install. Eliminates expensive multiple potential relay and capacitor inventory.

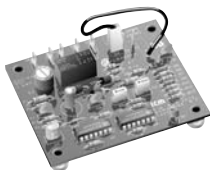


SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CPT00697	95-T05	208/230 Volts, maximum torque 2-5 HP, uses 295 MFD capacitor	

HARD START KITS BY ICM

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT07685	ICM803C	Kit, rapid start hard start, use on 1/2 thru 3 HP	
KIT07686	ICM805	Kit, rapid start hard start, use on 3 thru 5 HP	
KIT07687	ICM810	Kit, rapid start hard start, use on 5 thru 10 HP	
KIT07688	ICM850	Kit, rapid start hard start, differential voltage sensing	
KIT07689	ICM0860	Kit, rapid start hard start, differential voltage sensing	

Controls



DEFROST CONTROLS BY ICM

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CNT02896	ICM300C	Defrost Timers. Pin-selectable, 30/60/90 min., Essex 621 series, 24 VAC, 10 min. defrost interval	
CNT02897	ICM315C	Defrost Timers. Pin-selectable, 30/45/90 min., 24 VAC, 10 min. defrost interval	
CNT02898	ICM320C	Pin-selectable interval 30/50/90	
CNT02903	ICM321C	Pin-selectable 30/50/90 min	

MOTOR PROTECTION CONTROLS BY ICM

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOD00757	ICM450C	3-Phase line monitors for motor protection, programmable, 25-fault memory, LCD setup and diagnostics, fault identification	
MOD00756	ICM400C	Module, 3-phase motor protection line voltage monitor	

SINGLE PHASE LINE MONITORS BY ICM

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOD00862	ICM491C	Single phase line monitors, 165-240VAC, adjustable ASC timer, high/low voltage protection	

3-PHASE PLUG-IN LINE MONITOR, FRONT SIDE PROTECTION

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOD00863	ICM410	Module; 3-phase, plug-in line monitors, front side protection, adjustable 200-240 VAC, fixed symmetry 8%, 8-pin plugin	

HEAD PRESSURE CONTROLS BY ICM

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CNT02905	ICM325H	Head-pressure control, input 24VAC, output 120VAC to 480VAC, hard start, low temp. cutoff, high temp. bypass. Integral heat pump circuitry allows electronic bypass of speed control during heat pump operation	
CNT02906	ICM326H	Head-pressure control, 120 or 208/240V, built-in transformer, hard start, low temp. cutoff, high temp. bypass, for heat pumps	
CNT02907	ICM3237HC	Line voltage head pressure	
CNT03524	ICM336	Control, 3-phase head pressure, with LCD diagnostics, 240 VAC	
CNT03525	ICM337	Control, 3-phase head pressure, with LCD diagnostics, 460 VAC	

SENSOR PROBE FOR HEAD PRESSURE CONTROLS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SEN00864	ICM379	Sensor; probe for use w/ICM325H, ICM326H and ICM327H	

TIME DELAYS BY ICM

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TMR00157	ICM102B	Delay-on-make timer. 1.5 amp, 2 wire hookup, for compressor staging. 18-240VAC, 10 minute, adjustable time delay	
TMR00158	ICM103B	Delay-on-make timer, Switch-settable delay, digital timing circuitry, 18-240VAC, 1-1023 sec., switch setting delays	
TMR00160	ICM201B	Delay-on-make timer, 1.5 amp, 18-30VAC, works with anticipator-type thermostats, 5 min. fixed delay	
TMR00161	ICM201FB	Timer, delay on break	
TMR00162	ICM203B	Delay-on-make timer, 1.5 amp, 18-240VAC, works with anticipator-type thermostats, 10 min. adjustable	
TMR00163	ICM205B	Delay-on-make timer with Brownout, 18-30VAC, works with anticipator-type thermostats, 5 min. fixed	
TMR00166	ICM104B	Timer; delay on make, 20A 16 min adjustable	
TMR00167	ICM200B	Timer; delay on break, 3 min fixed	
TMR00168	ICM203FB	Timer; delay on break, 10 min. adj w/6 in wire terminations	
TMR00169	ICM204B	Timer; delay on break, 3 min fixed	
TMR00170	ICM206B	Delay-on-make timer with Brownout, 18-30VAC, works with anticipator-type thermostats, 10 min. adjustable	
TMR00178	ICM200FB	Timer; delay on break, 1.5 amp, 18-30VAC, work w/anticipator-type thermostats. 3 min fixed, 6" wire	
CNT03262	ICM271C	Fan blower, dual function time delays fixed, ROBERTSHAW 695-100	

BYPASS TIMER

To bypass a switch or device during setup.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TMR00159	ICM175B	Normally closed delay on make	



RELAY SOCKETS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TMR00187	ACS-8	Timer 8 pin octal plug in base for plug in phase monitor and timers	

Thermostats



SIMPLE COMFORT THERMOSTATS BY ICM

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THT02399	SC2001	SC2001 T-stat, 1 STG HT/1 STG CL or SGL STG heat pump	
THT02400	SC2200	SC2200 T-stat, 2 STG HT/2 STG CL multi STG heat pump	
THT02401	SC2201	SC2201 T-stat, 2 STG HT/2 STG CL multi STG heat pump	
THT02402	SC2300	SC2300 T-stat, 2 STG HT/2 STG CL multi STG standard	
THT02404	SC3001	SC3001 T-stat, programmable or non, SS HT/CL or SS HP, 24V model, manual changeover, back light	
THT02405	SC3006	SC3006 T-stat, programmable or non, SS HT/CL or SS HP, 24V model, auto changeover, back light, keypad lockout	
THT02406	SC3201	SC3201 T-stat, programmable or non, 2 STG HT/2 STG CL HP, manual changeover, back light and status LED	
THT02398	SC2000	SC2000 T-stat, 1 STG HT/1 STG CL or SGL STG heat pump	
THT02407	SC3801	SC3801 T-stat, programmable or non, 1 STG or 2 STG HT/CL STD or HP, auto or manual changeover, back light, programmable fan, keypad lockout	
THT02403	SC3000	SC3000 T-stat, programmable or non, SS HT/CL or SS HP, 24V or millivolt battery model, manual changeover	
THT02394	SC1600	SC1600 T-stat, HTG only, without fan switch, battery	
THT02395	SC1800	SC1800 T-stat, HTG only, battery	
THT02396	SC1900	SC1900 T-stat, CLG only, battery	
THT02397	SC1901	SC1901 T-stat, CLG only, battery	
THT02412	SC1601	ICM SC1601, heat only without fan switch, hardwire	
THT02413	SC1801	ICM SC1801, heat only, hardwire	

REMOTE SENSOR FOR SC3801

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SEN01226	ACC-RT104	Sensor; remote sensor for SC3801 thermostat	

WALL PLATES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PLT03837	ACC-WP01	Small wall plate, 4 ²⁷ / ₃₂ " x 5 ¹⁵ / ₁₆ "	
PLT03838	ACC-WP02	Large wall plate, 5 ¹⁹ / ₃₂ " x 7 ¹ / ₂ "	

NEW CONSTRUCTION TEMPORARY THERMOSTAT

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THT02385	SC055	Low ambient compressor lockout, cooling only, 55°F	
THT02386	SC060	Heating only, 60°F	
THT02387	SC060S	Heating only, 60°F, with switch - fan/off/heat	
THT02388	SC065	Heating only, 65°F	
THT02389	SC065S	Heating only, 65°F, with switch - fan/off/heat	
THT02390	SC070	Heating only, 70°F	
THT02391	SC070S	Heating only, 70°F, with switch - fan/off/heat	
THT02392	SC075	Cooling only, 75°F	
THT02393	SC075S	Cooling only, 75°F, with switch - fan/off/heat	

COMFORT-SET 90 DIGITAL THERMOSTATS BY WHITE-RODGERS

For residential and commercial heating and cooling applications. White-Rodgers' best programmable thermostats. Comfort-Set® 90 series are the ultimate for convenience.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THT02062	1F90-371	Single-stage, 5 + 1 + 1 program, auto changeover	
THT02063	1F97-371	Single-stage, 7-day program, auto changeover	
THT02231	1F96-344	Single-stage, non-programmable	
THT02216	1F94-371	Heat pump, 3 heat/2 cool, 7-day program	
THT02217	1F95-371	Multi-stage, 3 heat/2 cool, 7-day program	
THT02218	1F95-377	Multi-stage or heat pump, 3 heat/2 cool, 7-day program	
THT02207	1F93-380	Multi-stage or heat pump, 3 heat/2 cool, 7-day program	
SEN01004	F145-1328	Indoor remote sensor	
SEN01005	F145-1378	Outdoor sensor for displaying outdoor temperature	
GRD01014	F29-0231	Clean plastic thermostat guard	



COMFORT-SET 80 DIGITAL THERMOSTATS BY WHITE-RODGERS

For residential and light commercial applications up to 2 stages heat, 2 stages cool. Choice of classic white or traditional beige. No other thermostat line offers more value for the money.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THT02214	1F80-241	Single-stage, 5 + 1 + 1 program, hardwired	
THT02232	1F80-261	Single-stage, 5 + 1 + 1 program, dual power	
THT02215	1F86-241	Single-stage, non-programmable, hardwired	
THT02233	1F86-244	Single-stage, non-programmable, battery powered	
THT02271	1F82-261	Heat pump, 5 + 1 + 1 program, 2 heat/1 cool, hardwired	
THT02268	1F89-211	Heat pump, non-programmable, 2 heat/1 cool, hardwired	
THT02166	1F81-71	"Classic" Multi-stage, 5 + 1 + 1 program, 2 heat/2 cool, dual-power, auto-changeover	
THT02168	1F83-71	"Classic", Multi-stage, non-programmable, 2 heat/2 cool, dual-power, auto-changeover	
THT02188	1F80-71	5-1-1 day programmable, hardwired or battery-powered	
THT02301	1F80-240	Single-stage (1H/0C), 5-1-1 day-programmable, battery-powered	
THT02278	1F80-224	Single-stage (1H/1C), 24-hour programmable, battery-powered	
THT02298	1F81-261	Multi-stage (2H/2C), 5-1-1 day-programmable, hardwired or battery-powered	
THT02297	1F83-261	Multi-stage (2H/2C), non-programmable, hardwired or battery-powered	



COMFORT-SET 70 DIGITAL THERMOSTATS BY WHITE-RODGERS

For residential heating and cooling applications. Comfort-Set® 70 series economy digital thermostats are the perfect upgrade from mechanical thermostats. The 70 series will cover all marks left by most mechanical thermostats without the need for an extra wall plate.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THT02246	1F78-144	Single-stage, non-programmable, battery powered	
THT02247	1F78-151	Single-stage, 5 + 2 day program, battery powered	
THT02304	1F72-151	Heat pump (2H/1C), 5+2 day programmable, hardwired	
THT02300	1F79-111	Heat pump (2H/1C), non-programmable, hardwired	

1F56 AND 1E56 SERIES MECHANICAL THERMOSTATS BY WHITE-RODGERS

Reliable performance combined with thin-profile sub-base mounting plate.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THT01553	1F56-301	Heat/cool, single-stage, horizontal, beige	
THT01554	1F56-306	Electric heat/cool, single-stage, horizontal, beige	
THT01555	1F56-444	Heat/cool universal, single-stage, horizontal, beige	
THT01556	1F56W-444	Heat/cool, universal, single-stage, horizontal, white	
THT02238	1F56W-911	Rounded style, heat/cool, universal, single-stage, horizontal, white	
THT01548	1E56-301	Heat/cool, single-stage, vertical, beige	
THT01549	1E56-306	Electric heat/cool, single-stage, vertical, beige	
THT01550	1E56-444	Heat/cool, universal, single-stage, vertical, beige	
THT01551	1E56W-444	Heat/cool, universal, single-stage, vertical, white	



THERMOSTAT GUARDS BY WHITE-RODGERS

Designed for use in offices, churches, restaurants, and other public areas to prevent adjustment of the temperature lever by unauthorized personnel. Each model furnished with two keys, and a ring and/or solid wall mounting plate. Can be mounted vertically or horizontally.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
GRD01151	F29-0198	Clear	
GRD01021	F29-0238	Opaque (beige)	

TYPE T8600 PROGRAMMABLE HEAT PUMPS BY HONEYWELL

For single-stage heating/cooling or heating-only systems. Fully programmable. Up to four different temperature settings per day. Battery backup. 15 to 30VAC electrical rating. Different daily schedules available for weekends, Saturday, and Sunday. Digital clock display for time of day, day of week, room temperature, and current program details.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THT00764	T8611R1091	5-1-1 day model; 2 heat/1 cool stage	
THT00850	T8611G1111	5-1-1 day model; 2 heat/1 cool stage	

FAN LIMIT, F SERIES BY WHITE-RODGERS

Snap-disc fan controls. Close-on-rise switch action. Designed for quick on-the-job replacement. Mounting holes match standard 3/4" snap discs. Tab-to-screw terminal adaptors furnished.

SERVICEFIRST ITEM NO.	MFG #	FIXED TEMP. SETTINGS	THERM-O-DISC PART #	PRICE
CNT01712	3F01-110	110°F cut-in, 90°F cut-out	60T12-610044	
CNT01713	3F01-120	120°F cut-in, 110°F cut-out	60T12-610046	
CNT01714	3F01-130	130°F cut-in, 115°F cut-out	60T12-610047	
CNT01715	3F01-140	140°F cut-in, 120°F cut-out	60T12-610049	
CNT01716	3F01-150	150°F cut-in, 130°F cut-out	60T12-610050	
CNT01717	3F01-160	160°F cut-in, 140°F cut-out	60T12-610064	
CNT01718	3F01-180	180°F cut-in, 160°F cut-out	60T12-610065	
CNT01719	3F01-200	200°F cut-in, 180°F cut-out	60T12-610066	
CNT01720	3F01-350	350°F cut-in, 320°F cut-out	60T12-610067	

FAN LIMIT, L SERIES BY WHITE-RODGERS

Snap-disc fan or limit controls. Open-on-rise switch action. Designed for quick on-the-job replacement. Mounting holes match standard 3/4" snap discs. Tab-to-screw terminal adaptors furnished.

SERVICEFIRST ITEM NO.	MFG. NO.	FIXED TEMP. SETTINGS	THERM-O-DISC PART #	PRICE
CNT01725	3L01-120	110°F cut-in, 120°F cut-out	60T11-610000	
CNT01726	3L01-130	115°F cut-in, 130°F cut-out	60T11-610002	
CNT01727	3L01-140	100°F cut-in, 140°F cut-out	60T11-610006	
CNT01728	3L01-150	110°F cut-in, 150°F cut-out	60T11-610009	
CNT01729	3L01-165	125°F cut-in, 165°F cut-out	60T11-610069	
CNT01730	3L01-170	130°F cut-in, 170°F cut-out	60T11-610012	
CNT01731	3L01-180	140°F cut-in, 180°F cut-out	60T11-610013	
CNT01732	3L01-190	150°F cut-in, 190°F cut-out	60T11-610015	
CNT01733	3L01-200	160°F cut-in, 200°F cut-out	60T11-610016	
CNT01734	3L01-230	190°F cut-in, 230°F cut-out	60T11-610021	
CNT01735	3L01-250	210°F cut-in, 250°F cut-out	60T11-610023	
CNT01736	3L01-300	250°F cut-in, 300°F cut-out	60T11-610026	
CNT01737	3L01-350	310°F cut-in, 350°F cut-out	60T11-610068	

FAN LIMIT CONTROLS BY WHITE-RODGERS

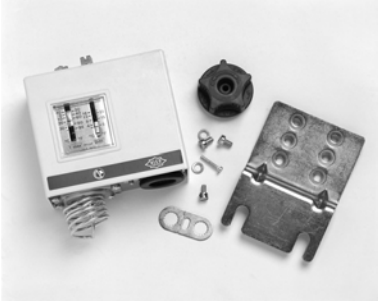
Manual reset limit controls. Open-on-rise switch action. Designed for quick on-the-job replacement. Mounting holes match standard 3/4" snap discs. Tab-to-screw terminal adaptors furnished.

SERVICEFIRST ITEM NO.	MFG. NO.	FIXED TEMP. SETTINGS	THERM-O-DISC PART #	PRICE
CNT01738	3L02-160	Manual reset cut-in, 160°F cut-out	60T15-330534	
CNT01740	3L02-180	Manual reset cut-in, 180°F cut-out	60T15-330536	
CNT01742	3L02-200	Manual reset cut-in, 200°F cut-out	60T15-330538	

FUSIBLE LINKS

Thermal cutoffs. High current interrupt capacity applications requiring up to 25 amps. One-shot operation cuts off electrical curve permanently. Low resistance (<5 milliohms).

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
FUS00740	Temperature open: 98°C, 208°F	
FUS00747	Temperature open: 141°C, 286°F	
FUS01327	Temperature open: 152°C, 306°F	
FUS01328	Temperature open: 167°C, 333°F	
FUS01311	Temperature open: 228°C, 438°F	
FUS00762	Temperature open: 98°C, 208°F	
FUS00765	Temperature open: 109°C, 227°F	
FUS00768	Temperature open: 128°C, 257°F	
FUS00809	Temperature open: 152°C, 300°F	
FUS00823	Temperature open: 100°C, 208°F	
FUS00829	Temperature open: 128°C, 257°F	
FUS00831	Temperature open: 152°C, 300°F	
FUS01478	Temperature open: 104°C, 219°F	
FUS00808	Temperature open: 141°C, 286°F	
FUS00810	Temperature open: 167°C, 333°F	
FUS00826	Temperature open: 109°C, 228°F	



TS1 TEMPERATURE CONTROLS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Designed to sense space or surface temperature in cooling or heating applications for cycling and alarm applications. SPDT switch allows control of heating as well as cooling applications. Heavy-duty 24 amp SPDT switch allows the handling without the use of a Contactor. Non-ambient-sensitive. Standard accessories include mounting bracket, knob, and lock plate.

Wide Range—Bulb Sensing

Sensing controls utilize a power element, which responds to the bulb only, regardless of capillary or control-body temperature. While this is necessary when cross-ambient control applications are encountered, the disadvantage is the control responds slower to temperature changes than a vapor-filled control, due to the mass of the bulb and the power element design.

SERVICEFIRST ITEM NO.	MFG. NO.	RANGE	DIFFERENTIAL	ELEMENT	PRICE
CNT02200	TS1-X4F 32/41	-22 to +95	5 to 36	10' Cap w/ 3/8"x2" Bulb	

Remote Coiled Bulb—Vapor Charged

Fast-response, vapor-filled power element. Responds to the coldest point on the bulb, capillary, or power-element head. Ideally suited to temperature control in refrigerators or freezers sensing return or discharge air, or evaporator temperature.

SERVICEFIRST ITEM NO.	MFG. NO.	RANGE	DIFFERENTIAL	ELEMENT	PRICE
CNT02201	TS1-X1A -4/0	-49 to +14	3 to 29	10' Cap w/ 3/8"x2" Bulb	
CNT02202	TS1-X2A 21/30	-22 to +59	3 to 29	10' Cap w/ 3/8"x2" Bulb	

Air Coil—Room Sensing

Fast-response, vapor-filled, air-coil capillary for space temperature sensing. Ideally suited to walk-in coolers and freezers, ventilation fans, and space heater temperature control.

SERVICEFIRST ITEM NO.	MFG. NO.	RANGE	DIFFERENTIAL	ELEMENT	PRICE
CNT02203	TS1-X2E 36/40	-22 to +59	3 to 29	Air Coil for space temp	
CNT02204	TS1-X3E 64/68	+14 to +95	3 to 29	Air Coil for space temp	

Pressure

SINGLE LOW-PRESSURE CONTROLS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

PS1. Designed to sense the suction pressure in a refrigeration system for cycling, limit, and alarm applications. Maximum application flexibility and accuracy are assured by using a heavy-duty 24 amp single-pole double-throw switch and customized pressure ranges for precise pressure sensing.



SERVICEFIRST ITEM NO.	MFG. NO.	RANGE (PSIG)	DIFF. RANGE (PSI)	CONNECTION	PRICE
CNT02198	PS1-X1K 7/15	24" to 42	4 to 29	36" cap., 1/4" flare nut	
CNT01598	FF-115-S1 BAA	24" to 42	3 to 30	1/4" SAE male	
CNT02187	PS1-X3A 50/65	15" to 100	7 to 73	1/4" SAE male	
CNT02188	PS1-X3K 50/65	15" to 100	7 to 73	36" cap., 1/4" flare nut	

SINGLE HIGH-PRESSURE CONTROLS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

PS1. Designed to sense the high side pressure in a refrigeration system for high-pressure limit, alarm, and condenser fan control. Maximum application flexibility is assured by using a heavy-duty 24 amp single-pole double-throw switch and wide range or precise pressure setting capability.

SERVICEFIRST ITEM NO.	MFG. NO.	RANGE (PSIG)	DIFF RANGE (PSI)	CONNECTION	PRICE
CNT02189	PS1-X4K 115/145	15" to 290	15 to 145	36" cap., 1/4" flare nut	
CNT02190	PS1-X5A 140/280	90" to 450	30 to 330	1/4" SAE male	
CNT02191	PS1-X5K 330/290	90" to 450	60 fixed	1/4" SAE male	
CNT02192	PS1-Y5A 230/390	90" to 450	30 to 220	36" cap., 1/4" flare nut	
CNT02193	PS1-Y5K 230/290	90" to 450	60 fixed	36" cap., 1/4" flare nut	

DUAL PRESSURE CONTROLS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

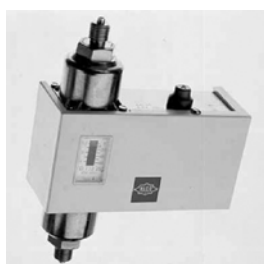
PS2. Combines the functions of a single high-pressure limit control and a single low-pressure control in one enclosure. Two independent SPDT switches are controlled by the high- and low-pressure sides of the control. The low-pressure, automatic-reset side provides all the features available with a single SPDT low-pressure control. The high-pressure side provides the conventional high-pressure cutout function with a contact for a high-pressure cutout alarm. A "convertible" reset feature on the high-side pressure returns to normal levels. A removable jumper between the high- and low-pressure switches provides you with conventional low/high pressure control operation with the option of an alarm on either, or both, the high- or low-pressure side. Removal of the jumper allows you to operate the high- and low-side functions as two totally independent circuits.



SERVICEFIRST ITEM NO.	MFG. NO.	LOW RANGE (PSIG)	HIGH RANGE (PSIG)	LOW DELTA ADJUST	HIGH DELTA ADJUST	CONNECTION	PRICE
CNT02194	PS2-Y7A 50/65*230/290	15-100	90-450	7 to 72	60 fixed	1/4" SAE Male	
CNT02195	PS2-Y7K 50/65*230/290	15-100	90-450	7 to 72	60 fixed	48" cap., 1/4" flare nut	
CNT02199	PS2-Y9K 7/15*230/290	24-420	90-450	3 to 30	60 fixed	48" cap., 1/4" flare nut	

OIL PRESSURE SAFETY CONTROLS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

FD113. Supply Voltage: 24V to 240V (AC/DC). Senses the effective oil pressure on pressure-lubricated compressors. If inadequate oil pressure exists, a time delay is energized. If the oil pressure does not recover to safe levels within the time delay setting, the compressor is shut down. The time delay allows the compressor adequate time to establish oil pressure on startup, and avoids nuisance shutdowns on pressure drops of short duration during the run cycle. Maximum application flexibility is ensured by providing an adjustable differential-pressure switch that can be adjusted to the compressor's minimum required oil-pressure needs. An adjustable electronic time delay allows you to select the length of time the compressor runs below the minimum pressure before shutdown. An SPDT switch is used in the pressure portion of the control, which allows the addition of a "safe light" if desired. The electronic timer is adjustable from 20 to 150 seconds. A factory-installed jumper allows the control to be powered from a single source. Should separate circuits be desired for the timer and "lockout" switch, the jumper can be removed.



SERVICEFIRST ITEM NO.	MFG. NO.	PRESSURE RANGE	TIME RANGE	DESCRIPTION	PRICE
CNT02196	FD113-ZU	4 to 65	Factory set at 120 sec	1/4" SAE Male	
CNT02197	FD113-ZUK	4 to 65	20 to 150 sec	1/4" SAE Male	
CNT03669	FD113-ZUS	4 to 65	20 to 150 sec	1/4" SAE Male	
CNT01612	FD-113 (A22-088)	7 to 65	None	1/4" SAE Male	

Contactors and Starters

FURNAS DEFINITE PURPOSE CONTACTORS—PREMIUM LINE BY SIEMENS

The Furnas Centurion 2000 offers a high new standard in definite-purpose control. The largest, most complete line of definite-purpose motor controls in the industry, it is ideal for many applications including HVAC. Features include: 2, 3, and 4 pole, 25-60 FLA, 60 Hz, 600VAC Max, compact size, interchangeable mounting, snap-on electrical/mechanical interlocks, and long life.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CTR01730	42BF15AJ	2P-30A-24V	
CTR01149	42BF35AJ	3P-30A-24V	
CTR01150	42BF35AF	3P-30A-110/220V	
CTR01151	42BF35AG	3P-30A-208/240V	
CTR01158	42CF15AJ	2P-40A-24V	
CTR01160	42CF15AG	2P-40A-208/240V	
CTR01161	42CF35AJ	3P-40A-24V	
CTR01162	42CF35AF	3P-40A-110/220V	
CTR01163	42CF35AG	3P-40A-208/240V	
CTR01165	42CF25AF	4P-40A-110/220V	
CTR01170	42EF35AJ	3P-60A-24V	
CTR01171	42EF35AF	3P-60A-110/240V	
CTR01172	42EF35AG	3P-60A-208/240V	



FURNAS DEFINITE PURPOSE CONTACTORS—STANDARD LINE BY SIEMENS

Furnas compact definite purpose contactors are designed for controlling air conditioning, heating, welding, data processing, and refrigeration equipment. They provide reliable, full-voltage control of compressor motors and electric heating loads. Features include: 1 and 2 pole, 20-40 FLA, 60 Hz, 600 VAC Max.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CTR01134	45CG10AJA	1P-20A-24V	
CTR01135	45CG10AFA	1P-20A-110V	
CTR01136	45CG10AGA	1P-20A-208V	
CTR01137	45CG20AJ	2P-20A-24V	
CTR01138	45CG20AF	2P-20A-110V	
CTR01139	45CG20AG	2P-20A-208V	
CTR01359	45CG20AL	2P-20A-277V	
CTR01143	45EG10AJA	1P-30A-24V	
CTR01144	45EG10AFA	1P-30A-110V	
CTR01145	45EG10AGA	1P-30A-208V	
CTR01146	45EF20AJ	2P-30A-24V	
CTR01147	45EG20AF	2P-30A-110V	
CTR01148	45EG20AG	2P-30A-208V	
CTR01360	45EG20AL	2P-30A-277V	
CTR00736	45FG10ALA	1P-35A-277V	
CTR01152	45GG10AJA	1P-40A-24V	
CTR01153	45GG10AFA	1P-40A-110V	
CTR01154	45GG10AGA	1P-40A-208V	
CTR01155	45GG20AJ	2P-40A-24V	
CTR01156	45GG20AF	2P-40A-110V	
CTR01157	45GG20AG	2P-40A-208V	
CTR01361	45GG20AL	2P-40A-277V	



FURNAS PREMIUM LINE CONTACTOR ACCESSORIES BY SIEMENS

Auxiliary electrical interlocks may be added to the contactor frame for individual control of control circuits. They are available for all premium line-contactor sizes.

Furnas Heavy-Duty Contactor, Full Voltage

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	AMP/VOLT	PRICE
SWT01730	49D36098001X462	1 SPDT	10A/270V	
SWT01731	49D36098003X462	2 SPDT	10A/270V	
SWT01732	49ACROX462	1 SPST-NO	10A/600V	
SWT01733	49ACRCX462	1 SPST-NC	10A/600V	

FURNAS HEAVY DUTY CONTACTOR, FULL VOLTAGE NON-REVERSING BY SIEMENS—CLASS 40

Class 40 industrial magnetic contactors are designed for electrical loads such as heating, lighting, transformer and capacitor switching, and AC motor starter. Features include: rugged industrial design, front removable auxiliary interlocks, easy coil access, horsepower rating, and motor-matched sizes.

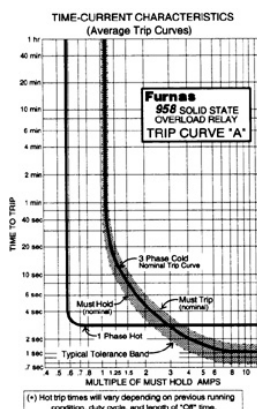
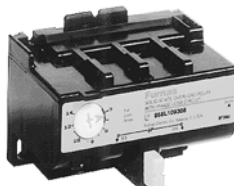
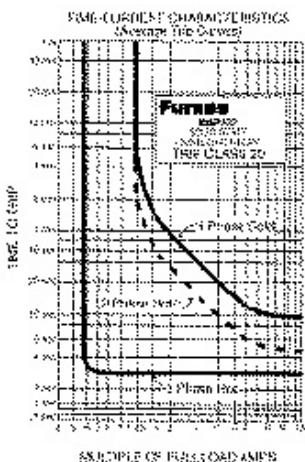
Coil Table

60 HZ VOLTAGE	LETTER
110-120/220-240*	A



3 Pole, 3 Phase

SERVICEFIRST ITEM NO.	MFG. NO.	MAX HP				NEMA SIZE	HALF SIZE	CON TAMP RATING	PRICE
		200 VOLTS	230 VOLTS	460 VOLTS	575 VOLTS				
CTR01647	40BG32AA	1½	1½	2	2	0	-	9	
CTR01648	40CP32AA	3	3	5	5	0	-	18	
CTR01649	40DP32AA	7½	7½	10	10	1	-	27	
CTR01650	40FP32AA	10	15	25	25	2	-	45	
CTR01656	40GP32AA	15	20	30	30	-	2½	60	
CTR01651	40HP32AA	20	30	50	50	3	-	90	
CTR01652	40JG32AA	40	50	100	100	4	-	135	
CTR01653	40LG32A*	75	100	200	200	5	-	270	
CTR01654	40MG32A*	150	200	400	400	6	-	540	



SOLID-STATE OVERLOAD RELAYS AND FIELD MODIFICATION KITS, CLASS 48

Furnas ESP100 solid-state overload relays are self-powered, requiring no separate 120V source to power the circuit board. They provide phase loss protection, fewer connection points and high repeat-trip accuracy, which results in longer motor life and cost savings. ESP100 panel mounted overloads can be used to upgrade existing starter applications where panel mounted thermal overloads are used. In addition, ESP100 overloads can be panel mounted when used with other types of controllers, such as DP, IEC contactors, and soft starts. Features include: broadest line in the industry, Class 10 tripcurve, trip-free design, phase loss protection, 2% repeat-trip accuracy, manual- and self-reset versions, FLA adjustment dial with wide adjustment range, and heaterless design.

MANUAL-RESET CLASS 20		SELF-RESET CLASS 20		FULL-LOAD AMP CURRENT	FRAME1 RANGE	PHASE SIZE	PRICE
SERVICEFIRST ITEM NO.	MFG. NO.	SERVICEFIRST ITEM NO.	MFG. NO.				
RLY02304	48ASA3M20	RLY02366	48ARA3R20	0.25-1	3	A	
RLY02305	48ASB3M20	RLY02367	48ARB3R20	0.75-3	3	A	
RLY02306	48ASD3M20	RLY02368	48ARD3R20	2.5-10	3	A	
RLY02307	48ASE3M20	RLY02369	48ARE3R20	9-18	3	A1	
RLY02308	48ASF3M20	RLY02370	48ARF3R20	13-27	3	A1	
RLY02309	48ASG3M20	RLY02371	48ARG3R20	20-40	3	A1	
RLY02310	48BSF3M20	RLY02372	48BRF3R20	13-27	3	B	
RLY02311	48BSH3M20	RLY02373	48BRH3R20	22-45	3	B	
RLY02312	48BSJ3M20	RLY02374	48BRJ3R20	30-60	3	B	
RLY02313	48BSK3M20	RLY02375	48BRK3R20	45-90	3	B	
RLY02314	48BSL3M20	RLY02376	48BRL3R20	57-115	3	B	
RLY02315	48BSM3M20	RLY02377	48BRM3R20	67-135	3	B	
RLY02316	48BSN3M20	RLY02378	48BRN3R20	81-1622	3	B	
RLY02317	48ASS3M20	-	-	100-210 ³	3	A	
RLY02318	48ASU3M20	-	-	100-270 ³	3	A	
RLY02322	48ASX3M20	-	-	200-540 ⁴	3	A	

FURNAS SPECIAL USE SOLID-STATE OVERLOADS, CLASS 958 BY SIEMENS

Furnas special use solid-state overload relays are self-powered, requiring no separate source to power the circuit board. They provide excellent protection of hermetically sealed compressors and artificially cooled motors, which require ambient insensitivity and quick trip-response times. Features include: hermetically sealed compressor motor applications. Phase-loss protection—trips within 3 seconds. 2% repeat-trip accuracy. Manual reset or self reset. Must hold amps adjustment dial. Wide adjustment range. Self-powered overload. Heaterless design.

Trip Curve A

SERVICEFIRST ITEM NO.	MFG. NO.	AMP RANGE	FRAME SIZE	PRICE
RLY02354	958AA32A	15-30	A1	
RLY02355	958BA32A	22-44	A1	
RLY02356	958CA32A	33-66	B	
RLY02357	958DA32A	50-100	B	
RLY02358	958EA32A	75-150	B	
RLY02359	958FA32Aa	90-180	B	

HEAVY-DUTY MOTOR STARTERS SOLID-STATE OVERLOAD, MANUAL RESET, CLASS 14 BY SIEMENS

Heavy-duty starters are designed for across-the-line starting of single-phase and polyphase motors. These controls are available in NEMA sizes 0 through 6. In addition to the usual NEMA starter sizes, Siemens-Furnas offers four exclusive half sizes; 1³/₄, 2¹/₂, 3¹/₂, and 4¹/₂. These integral sizes offer the same rugged, industrial construction as our NEMA sizes and ensure efficient operating performance. Half sizes exceed the motor ratings. Features include: rugged industrial design, wide range of accessories, easy coil access, Class 48 solid-state overload relay, half sizes for cost and space savings.

Coil Table

60 Hz Voltage	Letter
110-120/220-240v	A
120	F

3 Phase, 3 Pole

SERVICEFIRST ITEM NO.	MFG. NO.	MAX HP	OVERLOAD	NEMA SIZE	HALF SIZE	AMP RANGE	PRICE
		200 VOLTS	230 VOLTS	460 VOLTS	575 VOLTS		
OLD00343	14CSA32AA	1/6	1/6	1/3	1/2	0 - 0.25-1	
OLD00344	14CSB32AA	1/2	3/4	1 1/2	2	0 - 0.75-3	
OLD00345	14CSD32AA	2	2	5	5	0 - 2.5-10	
OLD00346	14CSE32AA	3	3	-	-	0 - 9-18	
OLD00347	14DSA32AA	1/6	1/6	1/3	1/2	1 - 0.25-1	
OLD00348	14DSB32AA	1/2	3/4	1 1/2	2	1 - 0.75-3	

SERVICEFIRST ITEM NO.	MFG. NO.	MAX HP		OVERLOAD		NEMA SIZE	HALF SIZE	AMP RANGE	PRICE
		200 VOLTS	230 VOLTS	460 VOLTS	575 VOLTS				
OLD00349	14DSD32AA	2	2	5	5	1	-	2.5-10	
OLD00350	14DSE32AA	3	3	10	10	1	-	9-18	
OLD00351	14DSF32AA	7½	7½	-	-	1	-	13-27	
OLD00352	14FSF32AA	-	-	15	20	2	-	13-27	
OLD00353	14FSH32AA	10	15	25	25	2	-	22-45	
OLD00354	14HSJ32AA	-	-	30	40	3	-	30-60	
OLD00355	14HSK32AA	25	30	50	50	3	-	45-90	
OLD00356	14JTM32AA	40	50	100	100	4	-	67-135	
OLD00357	14LTU32AF	75	100	200	200	5	-	100-270	
OLD00358	14MTX32AF	150	200	400	400	6	-	200-540	

Relays



LOGO! BY FURNAS

The Universal Logic Module

SERVICEFIRST ITEM NO.	MODEL	VERSION			DESCRIPTION OF NEW PRODUCTS ALL CPUS HAVE 30 INTEGRATED FUNCTIONS, 56 BLOCKS, ANNUAL CLOCK(EXCEPT WHERE NOTED, 2 ANALOG INPUTS(DC MODELS)	PRICE
		RELAY	LONG	LOCK		
RLY02395	LOGO! 12/24RC	x		x	12/24 VDC, 8I/4O, 2 analog inputs, relay outputs	
RLY02397	LOGO! 24		x		24 VDC, 8I/4O, transistor outs, no clock, 2 analog inputs	
RLY02409	LOGO! 24RC	x		x	24 VAC/DC, 8I/4O, relay outputs	
RLY02417	LOGO! 230RC	x		x	115/230 VAC, 8I/4O, relay outputs	
MOD01291	LOGO! DM8 24		x		24 VDC, 4I/4O, transistor output, expansion module	
MOD01292	LOGO! DM8 24R	x			24 VAC, 4I/4O, relay output, expansion module	
MOD01293	LOGO! DM8 12/24R	x			12/24 VDC, 4I/4O, relay output NEW! 0-55 C, expansion module	
MOD01294	LOGO! DM8 230R	x			115/230 VAC, 4I/4O, relay output NEW! 0-55 C, expansion module	
MOD01295	LOGO! AM2				24 VDC, 2 analog inputs, expansion module	
MOD01296	LOGO! 12/24 RC Starter Kit	x		x	12/24 VDC, 8I/4O, with 2 analog inputs, relay starter kit	
MOD01297	LOGO! 230 RC Starter Kit	x		x	115/230 VAC , 8I/4O, relay output starter kit	
GID00089	LOGO! Manual				User's Manual, updated version 4.0	
MOD00933	LOGO! Soft Comfort				Drag and drop programming, on CD, version 4.0	
MOD00934	LOGO! PC Cable				Moves programs between LOGO! and PC	
MOD01406	LOGO! Card				Copies and saves programs, adds password protection	
MOD00938	LOGO! Contact 24				Compact relay – 20 A resistive, 8.4 A inductive 24 VDC coil, 3 HP @ 230 VAC, 5 HP @ 460 VAC	
MOD00939	LOGO! Contact 230				Compact relay – 20 A resistive, 8.4 A inductive 230 VAC coil, 3 HP @ 230 VAC, 5 HP @ 460 VAC	
MOD00940	LOGO! Power 1.3				Switch-mode power supply – 1.3 A , 115/230 VAC to 24 VDC	
MOD00941	LOGO! Power 2.5				Switch-mode power supply – 2.5 A, 115/230 VAC to 24 VDC	
PWR00120	LOGO! Power 4.5				Switch-mode power supply – 4.5 A, 115/230 VAC to 12 VDC	
BRK03258	LOGO! Bracket				Front panel mounting bracket for LOGO! basic units only	

Capacitors

OEM CAPACITORS BY GE

Run Capacitors

Replacement motor run capacitors are available in both 370 VAC and 440 VAC, from 3 MFD to 60 MFD. Capacitors are available in both the oval and round configurations. Nine motor run capacitors are supplied with a .22 meg ohm bleed resistor. These are used on compressors with a trickle-charge, oil-ump heater system. On these systems, the capacitor is out of circuit when the main disconnect is shut off, so the capacitor does not bleed down. For safety a bleed resistor is required on these units.



370VAC Oval Run Capacitors

SERVICEFIRST ITEM NO.	MFD	RESISTOR	A	B	C	PRICE
CPT00209	3	no	2.12	1.31	2.16	
CPT00076	4	no	2.12	1.31	2.16	
CPT00072	5	no	2.12	1.31	2.16	
CPT00276	6	no	2.12	1.31	2.16	
CPT00120	7.5	no	2.88	1.31	2.16	
CPT00230	10	no	2.88	1.31	2.16	
CPT00255	12.5	no	3.88	1.31	2.16	
CPT00180	15	no	3.88	1.31	2.16	
CPT00316	20	no	2.88	1.91	2.91	
CPT00160	25	no	2.88	1.91	2.91	
CPT00202	30	no	2.88	1.91	2.91	
CPT00105	35	no	3.88	1.91	2.91	
CPT00201	40	no	3.88	1.91	2.91	

370VAC Round Run Capacitors

SERVICEFIRST ITEM NO.	MFD	RESISTOR	A	B	PRICE
CPT00654	4	no	2.62	1.68	
CPT00655	5	no	2.62	1.68	
CPT00662	7.5	no	2.62	1.62	
CPT00663	12.5	no	3.50	1.68	
CPT00251	10	no	2.88	1.75	
CPT00283	17.5	no	2.88	1.75	
CPT00464	20	no	2.88	1.88	
CPT00233	25	no	2.88	1.75	
CPT00241	30	no	3.88	1.75	
CPT00234	35	no	3.88	1.75	
CPT00240	40	no	3.88	1.75	

440VAC Oval Run Capacitors

SERVICEFIRST ITEM NO.	MFD	RESISTOR	A	B	C	PRICE
CPT00161	4	no	2.88	1.31	2.16	
CPT00119	5	no	2.88	1.31	2.16	
CPT00221	6	no	2.88	1.31	2.16	
CPT00203	7.5	no	3.88	1.31	2.16	
CPT00088	10	no	3.88	1.31	2.16	
CPT00769	12.5	no	2.88	1.91	2.91	
CPT00422	12.5	yes	4.50	1.31	2.16	
CPT00206	15	no	2.88	1.91	2.91	
CPT00231	20	no	2.88	1.91	2.91	
CPT00444	25	no	2.88	1.91	2.91	

440VAC Round Run Capacitors

SERVICEFIRST ITEM NO.	MFD	RESISTOR	A	B	PRICE
CPT00258	12.5	no	2.88	1.75	
CPT00453	15	no	2.88	1.75	
CPT00274	15	yes	2.88	1.75	
CPT00454	20	no	3.88	1.75	
CPT00270	20	yes	3.50	1.75	
CPT00442	25	yes	4.75	1.75	
CPT00456	30	no	3.88	1.75	
CPT00321	30	yes	4.75	1.75	
CPT00235	35	no	3.88	1.75	
CPT00271	35	yes	3.12	2.50	
CPT00236	40	no	3.88	2.00	
CPT00272	40	yes	3.50	2.50	
CPT00237	45	no	3.88	2.00	
CPT00275	45	yes	3.88	2.50	
CPT00238	50	no	3.88	2.50	
CPT00239	55	no	4.75	2.50	
CPT00421	55	yes	4.25	2.50	



SERVICEFIRST ITEM NO.	MFD	RESISTOR	A	B	PRICE
CPT00392	60	no	4.75	2.50	

440VAC Motor Run Capacitors

SERVICEFIRST ITEM NO.	MFD	RESISTOR	A	B	PRICE
CPT00658	20/4	yes	3.25	2.12	
CPT00659	30/5	no	2.75	2.62	
CPT00676	30/5	yes	2.75	2.62	
CPT00675	30/15	yes	2.50	2.62	
CPT00667	35/4	no	2.50	2.62	
CPT00622	35/20	yes	2.50	2.62	
CPT00668	40/5	no	2.50	2.62	
CPT00683	40/12.5	no	2.50	2.62	
CPT00682	45/4	no	2.50	2.62	
CPT00656	45/5	no	2.50	2.62	
CPT00669	45/7.5	no	2.50	2.62	
CPT00660	50/5	no	2.50	2.62	
CPT00657	50/12.5	no	2.50	2.62	
CPT00670	55/5	no	2.50	2.62	
CPT00671	55/7.5	no	2.50	2.62	
CPT00661	60/12.5	no	2.50	2.62	

DUAL RATED CAPACITORS

SERVICEFIRST ITEM #	MFD 1	MFD 2	VOLT	RESISTOR	PRICE
CPT00798	15	5	370	No	
CPT00799	15	10	370	No	
CPT00804	20	15	370	No	
CPT00806	25	5	370	No	
CPT00807	25	10	370	No	
CPT00809	35	3	370	No	
CPT00811	35	5	370	No	
CPT00813	10	5	440	No	
CPT00673	20	4	440	No	
CPT00658	20	4	440	Yes	
CPT00687	20	5	440	No	
CPT00690	20	5	440	Yes	
CPT00815	20	15	440	No	
CPT01166	25	4	440	No	
CPT01167	25	4	440	Yes	
CPT00695	25	5	440	No	
CPT00817	25	5	440	No	
CPT00834	25	10	440	No	
CPT00672	30	4	440	No	
CPT00696	30	4	440	Yes	
CPT00659	30	5	440	No	
CPT00835	30	5	440	No	
CPT00676	30	5	440	Yes	
CPT00692	30	7.5	440	No	
CPT00675	30	15	440	Yes	
CPT00836	35	3	440	No	
CPT00667	35	4	440	No	
CPT00977	35	5	440	No	
CPT00837	35	5	440	No	
CPT00694	35	5	440	Yes	
CPT01248	35	7.5	440	No	
CPT00693	35	15	440	Yes	
CPT00622	35	20	440	Yes	
CPT00694	40	4	440	No	
CPT00668	40	5	440	No	
CPT00838	40	5	440	No	
CPT01032	40	7.5	440	No	
CPT00683	40	12.5	440	No	
CPT00682	45	4	440	No	
CPT00656	45	5	440	No	
CPT00669	45	7.5	440	No	
CPT00688	45	12.5	440	No	
CPT00660	50	5	440	No	
CPT01021	50	7.5	440	No	
CPT00657	50	12.5	440	No	
CPT00670	55	5	440	No	
CPT00671	55	7.5	440	No	
CPT01023	55	12.5	440	No	

SERVICEFIRST ITEM #	MFD 1	MFD 2	VOLT	RESISTOR	PRICE
CPT00691	60	5	440	No	
CPT01033	60	7.5	440	No	
CPT00661	60	12.5	440	No	

MOTOR STARTER CAPACITORS

Motor starter capacitors are available in capacitance ratings from 21 to 259 mfd. Most models are rated 330 VAC. All motor starter capacitors are supplied with a two-watt, 15,000-ohm bleed resistor. The bleed resistor is required, for safety purposes, to discharge the capacitor before the unit is serviced.

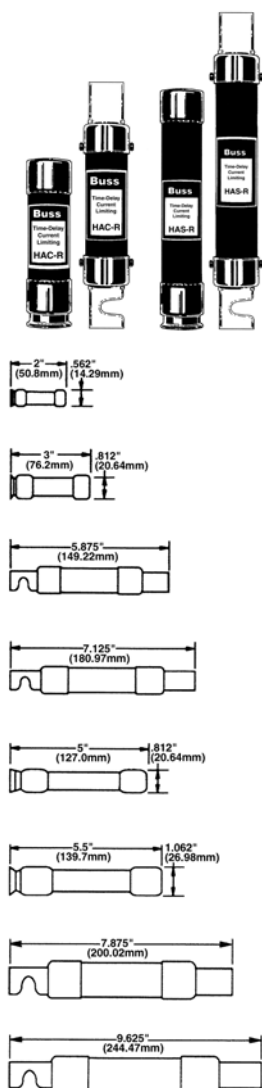


SERVICEFIRST ITEM NO.	MFD	VOLTAGE	RESISTOR	A	B	DUTY SEC ON	CYCLE SEC OFF	DURATION OF TEST NO STARTS	PRICE
CPT00299	21-25	330	yes	4.38	1.44	1	59	33500	
CPT00114	72-88	330	yes	4.88	2.56	1	179	16500	
CPT00086	88-108	330	yes	4.38	2.56	1	59	40000	
CPT00162	108-130	330	yes	4.88	2.56	1	59	40000	
CPT00301	124-149	330	yes	4.38	2.56	1	239	12500	
CPT00091	135-155	330	yes	4.38	2.56	1	59	40000	
CPT00298	145-174	250	yes	4.38	2.56	1	179	16500	
CPT00411	161-193	330	yes	4.38	2.56	1	59	40000	
CPT00259	189-227	330	yes	4.88	2.56	1	179	16500	
CPT00429	216-259	330	yes	4.38	2.56	1	59	40000	
CPT00673		20/4	no	3.25	2.12				
CPT00672		30/4	no	2.75	2.62				

Fuses

BUSSMAN H SERIES FUSES

The Fusetron® fuse (FRN-R and FRS-R) has long been the standard for industrial application. It is designed and built to protect industrial equipment and large motors with critical time/current requirements. The H series (HAC-R and HAS-R) are specially designed to protect commercial and residential heating/air conditioning and refrigeration equipment.



SERVICEFIRST ITEM NO.	250 VOLT RATINGS	CARTON PACK	UPC CODE	PRICE
FUS01021	HAC-R-3 ² / ₁₀	10	51712-68000	
FUS01022	HAC-R-5	10	51712-68001	
FUS01023	HAC-R-6 ¹ / ₄	10	51712-68023	
FUS01024	HAC-R-10	10	51712-14227	
FUS01025	HAC-R-15	10	51712-14228	
FUS01026	HAC-R-20	10	51712-14229	
FUS01027	HAC-R-25	10	51712-14230	
FUS01028	HAC-R-30	10	51712-14231	
FUS01029	HAC-R-35	10	51712-14232	
FUS01030	HAC-R-40	10	51712-14233	
FUS01031	HAC-R-45	10	51712-14237	
FUS01032	HAC-R-50	10	51712-14234	
FUS01033	HAC-R-60	10	51712-14235	
FUS01034	HAC-R-70	5	51712-68002	
FUS01035	HAC-R-80	5	51712-68003	
FUS01036	HAC-R-100	5	51712-14237	
FUS01037	HAC-R-125	1	51712-68004	
FUS01038	HAC-R-200	1	51712-68005	
FUS01039	HAS-R-10	10	51712-68006	
FUS01040	HAS-R-15	10	51712-68007	
FUS01041	HAS-R-17 ¹ / ₂	10	51712-68024	
FUS01042	HAS-R-20	10	51712-68008	
FUS01043	HAS-R-25	10	51712-68009	
FUS01044	HAS-R-30	10	51712-68010	
FUS01045	HAS-R-35	10	51712-68011	
FUS01046	HAS-R-40	10	51712-68012	
FUS01047	HAS-R-45	10	51712-68013	
FUS01048	HAS-R-50	10	51712-68014	
FUS01049	HAS-R-60	10	51712-68015	
FUS01050	HAS-R-70	1	51712-68016	
FUS01051	HAS-R-80	1	51712-68017	
FUS01052	HAS-R-90	1	51712-68018	
FUS01053	HAS-R-100	1	51712-68019	
FUS01054	HAS-R-125	1	51712-68020	
FUS01055	HAS-R-150	1	51712-68021	
FUS01351	HAS-R-200	1	51712-68022	

Carton Specifications

SERVICEFIRST ITEM NO.	VENDOR CAT. NO.	QTY.	SIZE	CU. IN.	WT. (LB)	PRICE
FUS01021-FUS01028	HAC-R-3 ³ / ₁₀ thru 30	10	3" x 2 ¹ / ₄ " x 1 ¹ / ₄ "	8.4	0.4	
FUS01029-FUS01033	HAC-R-35 thru 60	10	4 ¹ / ₄ " x 3 ¹ / ₄ " x 3 ³ / ₄ "	51.8	1.0	
FUS01034-FUS01036	HAC-R-70 thru 100	5	5 ³ / ₄ " x 1 ¹ / ₄ " x 6 ³ / ₈ "	45.8	1.5	
FUS01037-FUS01038	HAC-R-125 thru 200	1	7 ¹ / ₂ " x 2" x 2"	30.0	.77	
FUS01039-FUS01044	HAS-R-10 thru 30	10	4 ¹ / ₈ " x 1 ⁵ / ₈ " x 5 ¹ / ₈ "	34.4	1.5	
FUS01045-FUS01049	HAS-R-35 thru 60	10	5 ³ / ₄ " x 5 ¹ / ₂ " x 1 ¹ / ₈ "	67.2	3.1	
FUS01050-FUS01053	HAS-R-70 thru 100	1	1 ³ / ₈ " x 1 ³ / ₈ " x 8"	15.1	0.6	
FUS01054-FUS01351	HAS-R-125 thru 200	1	2" x 2" x 9 ⁷ / ₈ "	39.5	1.2	
FUS00762-FUS00765				Temperature open: 98°C, 208°F		

FRN-R FUSETRON FUSES 250 VOLT AC
Dual-Element Time-Delay

Unlike the single-element fuses, the dual-element fuse can be applied in circuits subject to temporary motor overloads and surge currents to provide both high-performance short circuit and overload protection. Oversizing in order to prevent nuisance opening is not necessary.

SERVICEFIRST ITEM NO.	250 VOLT RATINGS	CARTON PACK	WT/LB	PRICE
FUS00316	FRN-R-1	10	.40	
FUS00323	FRN-R-2	10	.40	
FUS00325	FRN-R-2 ¹ / ₂	10	.40	
FUS00328	FRN-R-3 ² / ₁₀	10	.40	
FUS00329	FRN-R-3 ¹ / ₂	10	.40	
FUS00332	FRN-R-5	10	.40	
FUS00038	FRN-R-8	10	.40	
FUS00340	FRN-R-10	10	.40	
FUS00341	FRN-R-12	10	.40	
FUS00342	FRN-R-15	10	.40	
FUS00344	FRN-R-20	10	.50	
FUS00345	FRN-R-25	10	.50	
FUS00346	FRN-R-30	10	.50	
FUS00347	FRN-R-35	10	1.00	
FUS00348	FRN-R-40	10	1.00	
FUS00349	FRN-R-45	10	1.00	
FUS00350	FRN-R-50	10	1.00	
FUS00351	FRN-R-60	10	1.00	
FUS00354	FRN-R-80	5	1.50	
FUS00356	FRN-R-100	5	1.50	
FUS00358	FRN-R-125	1	.77	
FUS01245	FRN-R-150	1	.77	
FUS00361	FRN-R-200	1	.77	

S TYPE HIGH-PERFORMANCE PLUG FUSE (125 VOLT)
Time-Delay Dual-Element

For the purpose applications. Like two fuses in one. A simple link element for short circuits and dangerous overloads plus a series-connected element that lets the harmless overload starting currents of motors pass w/o opening. Uses less energy; operates cooler; provides superior protection. Use the SRD type holders.

SERVICEFIRST ITEM NO.	FUSE TYPE	CTN/QTY	WT/LB	PRICE
FUS00534	S-3 ² / ₁₀	4	.25	
FUS00538	S-5	4	.25	
FUS00541	S-6 ¹ / ₄	4	.25	
FUS00543	S-8	4	.25	
FUS00545	S-10	4	.25	
FUS00546	S-12	4	.25	
FUS00548	S-15	4	.25	
FUS00549	S-20	4	.25	

GLO/GMQ IN-LINE FUSES (300 VOLT AC)
GLQ In-Line Fuses Non Time-Delay

Fuse and fuse holder knob are an integral, one-piece unit. The size of fuse varies with amp ratings. Mounts in type HLQ size rejection holder, which prevents overfusing.

SERVICEFIRST ITEM NO.	FUSE TYPE	CTN/QTY	PRICE
FUS00453	GLQ-1	5	
FUS00454	GLQ-1 ¹ / ₂	5	
FUS00455	GLQ-1 ⁶ / ₁₀	5	
FUS00458	GLQ-3	5	
FUS00460	GLQ-5	5	
FUS00464	GLQ-9	5	
FUS00465	GLQ-10	5	

FNQ POWER FERRULE FUSE (500 VOLT) TIME DELAY

FNQ type fuses are ideal for motor control transformers and other circuits within rush currents. Dual element to 3²/₁₀ amps; single element above 3²/₁₀ amps.

SERVICEFIRST ITEM NO.	FUSE TYPE	CTN/QTY	WT/LB	PRICE
FUS00485	FNQ-1/4	10	.15	
FUS00490	FNQ-8/10	10	.15	
FUS00491	FNQ-1	10	.15	
FUS00492	FNQ-1 ¹ / ₈	10	.15	
FUS00493	FNQ-1 ¹ / ₄	10	.15	
FUS00495	FNQ-1 ⁶ / ₁₀	10	.15	
FUS00496	FNQ-2	10	.15	
FUS00499	FNQ-3	10	.15	
FUS00500	FNQ-3 ² / ₁₀	10	.15	
FUS00501	FNQ-3 ¹ / ₂	10	.15	
FUS00502	FNQ-4	10	.15	
FUS00503	FNQ-4 ¹ / ₂	10	.15	
FUS00504	FNQ-5	10	.15	
FUS00506	FNQ-6	10	.15	
FUS00509	FNQ-8	10	.15	

SC TIME-LAG FUSES (300 VOLTS AC) CURRENT LIMITING

Type SC fuses are highly compact branch-circuit units with high interrupting rating and current limitation. As a 300-volt branch-circuit fuse, the type SC fuse has a broad general application. Use with HPF type holders.

SERVICEFIRST ITEM NO.	FUSE TYPE	CTN/QTY	PRICE
FUS00193	SC-1	10	
FUS00177	SC-5	10	
FUS00134	SC-6	10	
FUS00089	SC-10	10	
FUS00045	SC-15	10	
FUS00092	SC-30	10	
FUS00046	SC-60	10	

SC DIMENSIONAL DATA

FUSE	LENGTH	FERRULE
SC-1	1 ⁵ / ₁₆ "	
SC-20	1 ¹³ / ₃₂ "	1 ³ / ₃₂ "
SC-25 & SC-30	1 ⁵ / ₈ "	
SC-35 TO SC-60		2 ¹ / ₄ "

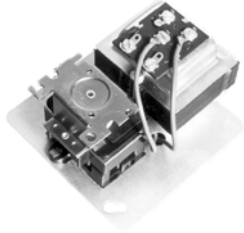
Fuse Holders



FUSE HOLDERS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	CTN/QTY	PRICE
HLD00068	HKP	For use with 1/4 x 1/4 fuses to 30 amp 250 volt. Solder connections	10	
HLD00070	HKP-HH	For use with 1/4 x 1/4 fuses to 15 amp 250 V. 1/4 quick-connects	10	
HLD00073	HPF-EE	For use with type SC 0 to 15 amp 300 volt, 1 ⁵ / ₁₆ long fuse	10	
HLD00075	HPF-FF	For use with type SC-25 and 30 amp 300 volt, 1 ⁵ / ₈ long fuse	10	
HLD00076	HPF-RR	For use with type KTK-R 30 amp 600 volt fuse	10	
HLD00079	HLO-3 ² / ₁₀	For use with type GLQ-2 to 3 amp and type GMQ-2 to 3 ² / ₁₀ amp fuses	10	
HLD00083	SRD-3 ² / ₁₀	For use with type S1/4 to 3 ² / ₁₀ amp fuses	10	

Relays



ENCLOSED FAN RELAYS BY WHITE-RODGERS

Relays are totally enclosed. They come single-pole, normally-open (SPNO), or single-pole, double-throw (SPDT). Used for switching single- or two-speed fan motors, solenoids, relays, resistive loads, and general-purpose switching.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
RLY01703	90-280Q	24 volts, SPNO	
RLY01704	90-281Q	115/120 volts, SPNO	
RLY01705	90-282Q	208/240 volts, SPNO	
RLY01706	90-283Q	24 volts, SPDT	
RLY01707	90-284Q	115/120 volts, SPDT	
RLY01708	90-285Q	208/240 volts, SPDT	

HEAVY-DUTY ENCLOSED FAN RELAYS BY WHITE-RODGERS

A compact, totally-enclosed relay with 50% more electrical rating (12 A). This heavy-duty, general-purpose relay operates in any position. Enclosed design minimizes exposure to the elements. Plugs into receptacles.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
RLY01718	90-380	24 Volts, SPNO	
RLY01719	90-382	120 Volts, SPNO	
RLY01720	90-384	208/240 Volts, SPNO	
RLY01730	90-370	24 Volts, SPDT	
RLY01731	90-372	120 Volts, SPDT	
RLY01732	90-374	208/240 Volts, SPDT	

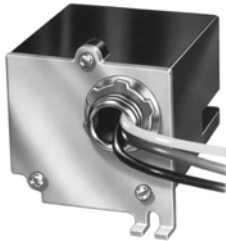
GENERAL-PURPOSE SWITCHING RELAYS BY WHITE-RODGERS

Quiet, reliable, and economical. Perfect for air conditioning, heating, appliances, fan control, and general-purpose switching.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
RLY01721	94-290Q	24 volts, SPNO	
RLY01722	94-291Q	120 volts, SPNO	
RLY01724	94-293Q	24 volts, SPDT	
RLY02462	90-364	208/240 volts, SPNO	
RLY01725	94-294Q	120 volts, SPDT	
RLY01726	94-295Q	208/240 volts, SPDT	

Two-Pole Switching Relays By White-Rodgers

A two-pole, double-throw (DPDT), semi-enclosed relay. Easy to install and wire. Relay available for power or pilot duty. Suited for vending machines, appliances, fan controls, heating and/or air conditioning applications, and general-purpose switching.



RLY01709	90-340	24 volts, DPDT, terminals 1-6: power	
RLY01710	90-341	115/120 volts, DPDT, terminals 1-6: power	
RLY01711	90-342	208/240 volts, DPDT, terminals 1-6: power	
RLY01714	90-345	208/240 volts, DPDT, terminals 1-3 power, terminals 4-6: pilot	
RLY02466	9100Y266042	OPDH plot duty, 3 amp. 1/10 HP	

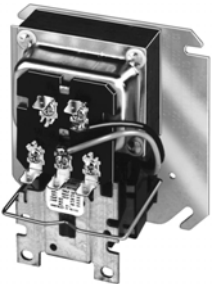
Three-Pole Switching Relays By White-Rodgers

A three-pole, double-throw (TPDT), semi-enclosed relay. Easy to install and wire. Relay available for power or pilot duty. Suited for vending machines, appliances, fan controls, heating and air conditioning applications, and general purpose switching.

RLY01794	90351	120 volts, TPDT	
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POTENTIAL RELAYS BY WHITE-RODGERS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
RLY01689	90-63	170 volts, pick-up min./max: 140/153	
RLY01690	90-64	395 volts, pick-up min./max: 245/275	
RLY01691	90-65	336 volts, pick-up min./max: 171/184	
RLY01692	90-66	395 volts, pick-up min./max: 208/239	
RLY01693	90-67	420 volts, pick-up min./max: 300/328	
RLY01694	90-68	495 volts, pick-up min./max: 323/352	
RLY01688	90-26	395 volts, pick-up min./max: 180/195	
RLY01695	90-70	256 volts, pick-up min./max: 278/306	
RLY01696	90-71	420 volts, pick-up min./max: 223/252	



FAN CONTROL CENTER RELAY AND TRANSFORMER BY WHITE-RODGERS

A one-package transformer and relay combination. Rugged controls for remote mounting. Incorporates over/under bobbin-wound, energy-limiting, Class 2 transformer and fan relay on a common plate for mounting on a standard four-inch junction box. Contact ratings for 120VAC: 13.8 full load, 82.8 locked rotor. Contact ratings for 240VAC: 6.9 full load, 41.4 locked rotor.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
RLY01700	90-112	DPDT relay	
RLY01701	90-113	SPDT relay	
RLY01702	90-117	SPST	
RLY01738	90-118E	120 volts, SPNO	
RLY01739	90-119	208/240 volts, SPDT	

RELAYS BY RIB®

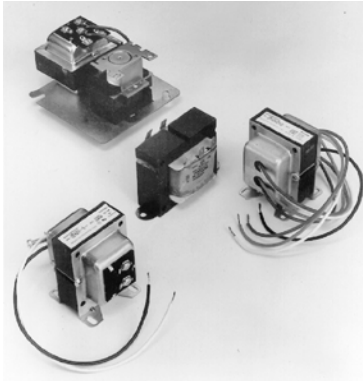


SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MNT01698	MT212-12	Mounting track 12" x 2.75" wide 10 (fits up to 10 panel mount relays)	
MNT01699	MT212-2	Mounting track 2" x 2.75" wide (fits 1 panel mount relay)	
RLY02541	RIB2401B	Enclosed 20 amp relay SPDT 24 VAC/DC/120VAC	
RLY02542	RIB2401D	Enclosed 10 amp relay DPDT 24 VAC/DC/120VAC	
RLY02543	RIB2401SB	Enclosed 20 amp relay SPST 24VAC/DC/120 VAC with override switch	
RLY02544	RIB24P	Enclosed 20 amp relay DPDT 24 VAC/DC	
RLY02545	RIBMN24C	Track-mount panel 15 amp relay SPDT 24 VAC/DC	
RLY02546	RIBMN24S	Track-mount panel 15 amp relay SPST 24 VAC/DC with override switch	
RLY02547	RIBU1C	Enclosed 10 amp relay SPDT 10-30 VAC/DC/120 VAC	
RLY02548	RIBU1S	Enclosed 10 amp relay SPST 10-30 VAC/DC/120 VAC with override switch	
RLY02549	RIBU2C	Enclosed 2-10 amp SPDT 10-30 VAC/DC/120 VAC	
RLY02550	RIBX24BA	Enclosed internal adj. current sensor + relay 20 amp SPDT 24 VAC/DC	
RLY02551	RIBX24SBA	Enclosed internal adj. current sensor + relay 20 amp SPDT 24 VAC/DC w/ override switch	
RLY02552	RIBXLCRA	Enclosed remote adj. current sensor + relay 10 amp SPDT 10-30 VAC/DC	
TRR01670	PSH75A	Enclosed single 120/208/240/277/480 VAC to 24 VAC 75 VA UL class II power supply	

CVR SERIES MULTI-VOLTAGE CONTROL RELAYS BY CORE COMPONENTS

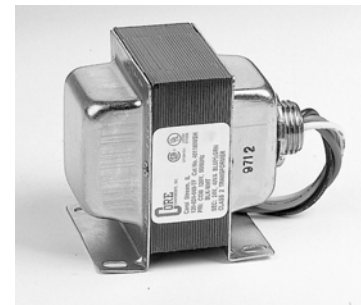
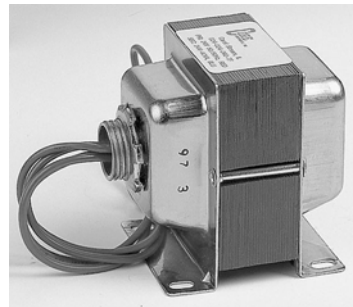
SERVICEFIRST ITEM NO.	MFG. NO.	CORE COMPONENTS PART NUMBER	DESCRIPTION	VOLTAGES INPUT	CONTACT RATINGS	HP RATINGS	PRICE
RLY02520	LD95100	CVR-12C-0	1 DPDT Relay	12-30DC 18-24AC	20 Amp	1HP 120/280/600 VAC 1.5 HP 208/240 VAC	
RLY02716	LD96144	CVR-11C-F	1 SPDT Relay	24-30AC/DC 120AC	10 Amp	1/2 HP 250 1/4 HP 125 VAC N/C 2 HP 250 VAC N/O 1 HP 125 VAC N/O	
RLY02524	LD96152	CVR-11C-V	1 SPDT Relay	10-30AC/DC 208/277AC	10 Amp	1/3 HP 120/2 1/4 HP 277 VAC 1/6 HP 120/240 VAC N/C 1/8 HP 277 VAC N/C	
RLY02521	LD96200	CVR11C-0	1 SPDT Relay	10-30AC/DC 120AC	10 Amp	1/3 HP 120/2 1/4 HP 277 VAC N/O 1/6 HP 120/240 VAC N/C 1/8 HP 277 VAC N/C	
RLY02523	LD96510	CVR-11A-H	1 SPDT w/ HOA 1 SPDT Relay	10-30AC/DC 120AC	10 Amp	1/3 HP 120/240 VAC N/O	
RLY02525	LD97070	CVR-21A1C-H	1 SPDT Relay 1 SPDT Relay	10-30AC/DC 120AC	10 Amp	1/3 HP 120/2 1/4 HP 277 VAC N/O 1/8 HP 277 VAC N/C	
RLY02522	LD97200	CVR-21C-0	2 SPDT Relay	10-30AC/DC 120AC	10 Amp	1/3 HP 120 1/4 HP 277 VAC N/O 1/6 HP 120/240 VAC N/C 1/8 HP 277 VAC N/C	

Transformers



TRANSFORMERS BY SERVICEFIRST

SERVICEFIRST ITEM NO.	VA	PRIMARY VOLTAGE	SECONDARY VOLTAGE	PRICE
TRR01755	35	115	24	
TRR00455	35	120-230	24	
TRR00465	40	120	24	
TRR00464	40	120	24	
TRR00466	40	208-240	24	
TRR00469	48	120-208-240	2.5-12-24	
TRR00470	48	277	24	
TRR00471	50	120-208-240	24	
TRR00574	50	460-575	24	
TRR00473	60	208-240	24	
TRR00436	60	208-240-480-600	24	
TRR01014	75	120-208-240	24	
TRR00475	75	120-208-240-480	24	
TRR00460	75	200-230	24	
TRR00826	75	460-575	24	



CLASS 2 CONTROL TRANSFORMERS BY CORE COMPONENTS

SERVICEFIRST ITEM NO.	MFG. NO.	PRIMARY VOLTAGE	SECONDARY VOLTAGE	VA	MANUAL RESET CIRCUIT BREAKER	NUMBER OF HUBS	HUB STYLE	CLASS	PRICE
Isolation									
TRR01706	LE10473	24	24	20	NO	1	1TF	GP	
TRR01645	LE10500	24	24	40	NO	1	1TF	2	
Single primary									
TRR01707	LE11145	120	24	20	NO	1	1TF	2	
TRR01708	LE11177	120	24	20	NO	2	2TF	2	
TRR01646	LE11200	120	24	40	NO	2	2TF	2	
TRR01647	LE11300	120	24	40	NO	1	1TF	2	
TRR01649	LE11700	120	24	50	NO	1	1TF	2	
TRR01648	LE11750	120	24	50	NO	2	2TF	2	
TRR01651	LE11800	120	24	75	YES	2	2TF	2	
TRR01652	LE11900	120	24	75	YES	1	1TF	2	
TRR01709	LE11957	120	24	85	NO	2	1TF/1BO	GP	
TRR01653	LE12000	120	24	96	YES	2	2TF	2	
TRR01654	LE12100	120	24	96	YES	1	1TF	2	
TRR01655	LE12400	120	24	150	YES	1	1TF	GP	
TRR01710	LE12463	120	24	175	NO	2	1TF/1BO	GP	
TRR01711	LE12573	120	24	240	NO	2	1TF/1BO	GP	
TRR01712	LE12600	120	24	375	NO	2	2BO	GP	
TRR01713	LE13050	277	24	50	NO	2	2TF	2	
TRR01650	LE13100	277	24	50	NO	1	1TF	2	
Multiple primary									
TRR01714	LE15010	120/208/240/480	24	75	YES	2	1TF/1SO	2	
TRR01715	LE15013	120/208/240/480	24	75	YES	2	2TF	2	
TRR01716	LE15337	120/208/240	24	40	NO	2	2TF	2	
TRR01717	LE16000	120/240/277/480	24	50	YES	2	2TF	2	
TRR01718	LE16927	120/240/277/480	24	50	YES	2	1TF/1SO	2	
TRR01719	LE17000	120/240/277/480	24	96	YES	2	2TF	2	
TRR01720	LE17345	120/240/277/480	24	96	YES	2	1TF/1SO	2	
TRR01721	LE18100	208/240/277/480	120	50	YES	2	2TF	2	
TRR01722	LE47289	208/240	24	50	NO	2	2TF	2	

Gas Valves



36C REPLACEMENT GAS CONTROLS WITH SIDE TAPS BY WHITE-RODGERS

Ideal for general-purpose replacement. Furnished with natural-to-LP conversion kit, reducer bushings, and self-adhesive label with pilot-lighting instructions. Valve may be mounted in any position except upside down. Both main valve seat and line-interrupter seal with line pressure, ensuring positive gas seal-off. Inlet screen, pilot gas filter, and top-operated main valve provide maximum protection against chips and dirt. Gas cock knob, pilot adjust screw, and regulator adjustment are on top of control. Easy-grip pipe boss simplifies installation. Built-in regulator system provides constant outlet pressure throughout entire usable capacity of valve, regardless of inlet-pressure fluctuations. Natural gas type.

SERVICEFIRST ITEM NO.	MFG. NO.	COIL VOLTAGE	INLET-OUTLET SIZE	CAPACITY	PRICE
VAL04922	36C03-333	24VAC/60 Hz	1/2" x 3/4"	250,000	
VAL04924	36C03-433	24VAC/60 Hz	3/4" x 3/4"	335,000	
VAL04925	36C03U-333	750 mV	1/2" x 3/4"	250,000	
VAL04375	36C03U-433	750 mV	3/4" x 3/4"	335,000	

36E REDUNDANT GAS VALVES BY WHITE-RODGERS

Compact multifunction valve designed to meet the requirements for use with all types of intermittent ignition systems (cycle pilot, proven, pilot, direct-spark ignition and hot-surface ignition). All valve adjustments and features, as well as the system's interface wiring panel, have been designed on the top surface of the control for simplified servicing and easy accessibility. Poppet-style manual valve. Conical inlet and outlet screens protected from pipe damage. Keyed wiring. Direct-acting solenoid valve with high sealing force. Controlled gasket clinch between castings to withstand high inlet pressures. May be mounted horizontal, vertical, and 90° from horizontal. Tamper-resistant screws. Regulator setting: 3.5" W.C. Natural gas type.

SERVICEFIRST ITEM NO.	MFG. NO.	CONNECTION	USAGE	PRICE
VAL04379	36E36-304	3 spade terminals	1/4" Proven Pilot, HSI and DSI	
VAL04390	36E93-304	5 spade terminals	Proven Pilot with Pressure Switch	

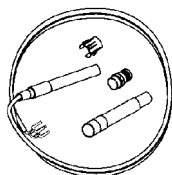
Ignition Controls



ELECTRONIC IGNITION CONTROLS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CNT01690	50E47-030	Hot surface ignition	
CNT01688	50E47-050	Hot surface ignition	
CNT01691	50E47-130	Hot surface ignition	
CNT01689	50E47-150	Hot surface ignition	
CNT01684	50A50-113	Integrated furnace control (hot surface ignition)	
CNT01685	50A50-295	Integrated furnace control (hot surface ignition)	
CNT01686	50A50-296	Integrated furnace control (hot surface ignition)	
CNT01687	50A50-408	Integrated furnace control (hot surface ignition)	

Thermocouples



THERMOCOUPLES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TCP00090	H06E-18	Thermocouple 18"	
TCP00091	H06E-24	Thermocouple 24"	
TCP00092	H06E-30	Thermocouple 30"	
TCP00093	H06E-36	Thermocouple 36"	
TCP00094	H06E-48	Thermocouple 48"	
TCP00087	H06E-72	Thermocouple 72"	

HVAC Portable Cooling

Portable Air Conditioners

KOLDWAVE PORTABLE AIR CONDITIONERS BY SERVICEFIRST

Extra capacity beyond the nominal rating. High seasonal energy efficiency rating (EERs up to 10.8). Separate motors for evaporator and condenser fans for longer equivalent duct lengths. Multispeed blower motors for better air-handling capabilities. Rifled copper tubing with louvered aluminum-finned coils for improved heat transfer. Broader range of sizes to meet any cooling needs. Easy to move, set up, and use. 24,000-65,000 both approved for indoor and outdoor use. Koldwave Accessories available from your ServiceFirst distributor.

Unit Specifications

ServiceFirst ITEM NO.	UNT00834	UNT00835	UNT00836	UNT00837	UNT00838	UNT00839	UNT00840
Koldwave Model #	2AK1011	2AK1411M	3AK2412	3AK3012	3AK6512	3AK6532	3AK6534
ServiceFirst Model #	KAPA01010A0	KAPA01410A0	KAPA02420A0	KAPA0320A0	KAPA06530A0	KAPA06540A0	KAPA06550A0
Cooling Capacity (BTU/H)	12985	14917	21904	27129	65679	65679	65679
Max Air Flow	440	400	710	835	1954	1954	1954
Voltage	115 1 PHASE	115 1 PHASE	208/230 1 PHASE	208/230 1 PHASE	208/230 1 PHASE	208/230 3 PHASE	208/230 3 PHASE
Amp Rating	10.5	13.8	10.5	13	46.7	30.1	14.5
Nema Plug Configuration	5-15P	5-20P	6-20P	6-20P	N/A	N/A	N/A
Dimensions w/Casters (WxDxH)	25x34x34.5	25x34x34.5	22.25x34x52.25	22.25x34x52.25	36.5x29.5x79	36.5x29.5x79	36.5x29.5x79
Operating Conditions (Min-Max°F)	67-104	67-104	67-115	67-115	67-115	67-115	67-115
Shipping Weight	207	210	361	365	700	700	700



SERVICEFIRST ITEM NO.	KOLDWAVE NO.	DESCRIPTION	WHERE USED	PRICE
UNT00834	2AK1011	Nominal 10,000 BTUs		
UNT00835	2AK1411M	Nominal 14,000 BTUs		
UNT00836	3AK2412	Nominal 24,000 BTUs		
UNT00837	3AK3012	Nominal 30,000 BTUs		
UNT00838	3AK6512	Nominal 65,000 BTUs		
UNT00839	3AK6532	Nominal 65,000 BTUs		
UNT00840	3AK6534	Nominal 65,000 BTUs		
KIT06127	SA019-A-067	Kit; 10" dia. duct clamp	ALL	
KIT06128	SA040-D-026	Kit; 4" dia. snozzle kit assembly	UNT00834 and 5	
KIT06129	SA040-D-028	Kit; 4" dia. snozzle kit assembly	UNT00834 and 5	
KIT06130	SA076-C-2403	Kit; 10" dia. duct flange	UNT00834 and 5	
KIT06131	SA057-D-042	Kit; condensate pump, 115V	UNT00834 and 5	
KIT06132	SA076-C-2402	Kit; 10" dia. ceiling panel assembly	UNT00834 and 5	
KIT06133	040-C-025	Kit; 10" dia. white flex duct	ALL	
KIT06134	076-B-2400	Kit; 10" dia. duct coupler	ALL	
KIT06135	SA076-D-2273	Kit; condenser return air plenum	UNT00834 and 5	
KIT06136	SA019-C-068	Kit; 12" dia. duct clamp	UNT00836 and 7	
KIT06137	SA040-D-035	Kit; 12" dia. ceiling panel/duct kit assembly	UNT00836 and 7	
KIT06138	SA040-D-034	Kit; 6" dia. snozzle assembly	UNT00836, 7, 8, 9 and 40	
KIT06139	040-S-030	Kit; 6" white flex duct	UNT00836, 7, 8, 9 and 40	
KIT06140	076-B-2399	Kit; 6" dia. duct coupler	UNT00836, 7, 8, 9 and 40	
KIT06141	SA019-C-069	Kit; 6" dia. duct clamp	UNT00836, 7, 8, 9 and 40	
KIT06142	SA040-D-037	Kit; 10" dia. evaporator discharge panel	UNT00836, 7, 8, 9 and 40	
KIT06143	SA076-C-2399	Kit; 12" duct flange	UNT00836 and 7	
KIT06144	SA057-D-048	Kit; condensate pump, 230V	UNT00836 and 7	
KIT06145	SA057-D-055	Kit; hi-lift condensate pump	UNT00836 and 7	
KIT06146	SA076-C-2396	Kit; 12" dia. ceiling panel assembly	UNT00836 and 7	
KIT06147	040-A-036	Kit; 12" dia. white flex duct	UNT00836 and 7	
KIT06148	076-B-2398	Kit; 12" dia. duct coupler	UNT00836 and 7	
KIT06149	SA076-D-2411	Kit; condenser return air plenum	UNT00836 and 7	
KIT06150	019-A-074	Kit; 16" dia. duct clamp	UNT00838, 9 and 40	
KIT06151	SA040-D-045	Kit; 16" ceiling panel/duct kit assembly	UNT00838, 9 and 40	
KIT06152	SA076-C-3321	Kit; 16" dia. ceiling panel assembly	UNT00838, 9 and 40	
KIT06153	040-A-044	Kit; 16" dia. white flex duct	UNT00838, 9 and 40	
KIT06154	SA076-C-3293	Kit; 16" dia. duct coupler	UNT00838, 9 and 40	
KIT06155	SA076-C-3341	Kit; condenser return air plenum	UNT00838, 9 and 40	
KIT06156	SA076-C-3340	Kit; condenser discharge plenum	UNT00838, 9 and 40	



KOLDWAVE WATER-COOLED

The Koldwave Kompac series air conditioners are designed for applications in which outside air is not available and spot cooling is required. The cord-connected Kompac models range from a 7,000 btu/hr countertop to a 26,000 btu/hr floor-mount configuration to meet any space requirements. Kompac and King Kompac models are provided with casters for portability.

Performance Data

SERVICEFIRST ITEM NO.	MFG. NO.	UNIT COOLING CAPACITY(1)	EVAPORATOR- CFM@0.0ESP	VOLTAGE	AMP RATING	SHIPPING WEIGHT	PRICE
UNT00843	2K07DB11	7000	250	115/60/1	8	89	
UNT00845	2K14DB11	12500	410	115/60/1	11.6	133	
UNT00846	2K14DB12	12500	410	208/230/60/1	11.6	133	
UNT00847	2K16DB11	16000	480	115/60/1	13	134	
UNT00848	2K16DB12	16000	480	208/230/60/1	13	134	
UNT00850	2K26DB12	26000	800	208/230/60/1	12.7/11.8	201	

Notes: 1. Cooling capacity rating test conditions: Evaporator Air - 80F D.B./67 F W.B.; Condenser Water - 85 F E.W./95 F L.W.T.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	WHERE USED	PRICE
UNT00843	2K07DB11	Nominal 7000 BTUs		
UNT00845	2K14DB11	Nominal 12500 BTUs		
UNT00846	2K14DB12	Nominal 12500 BTUs		
UNT00847	2K16DB11	Nominal 16000 BTUs		
UNT00848	2K16DB12	Nominal 16000 BTUs		
UNT00850	2K26DB12	Nominal 26000 BTUs		
KIT07307	SA-HK22-7	7 ft Flexible Hose Kit	All	
KIT07308	SA-HK22-20	20 ft Flexible Hose Kit	All	
KIT07309	SA-HK22-40	40 ft Flexible Hose Kit	All	

HVAC Supplies and Accessories



DUCT SMOKE DETECTORS BY SYSTEM SENSOR

100 Series Duct Smoke Detectors

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SEN01037	DH100ACDCP	Low flow 4-wire photoelectronic	
SEN00944	DH100ACDCI	4-wire ionization	
SEN01139	DH100ACDCLWP	NEMA4 watertight 4-wire low flow	

400 Series Bases

BAS01683	B404B	Base, detector, 6.6" x 2.75" x 1.5"	
BAS01792	B404BT	Base, detector, 24VAC/DC, 6.6" x 2.75" x 1.5"	

400 Series Smoke Detector Heads

SEN00912	1451DH	Sensor, smoke detector, ion, plug-in	
SEN01009	2451	Sensor, smoke detector, photo, plug-in	
SEN00915	1451DHHT	Sensor, smoke detector, ion, plug-in	

Sampling Tubes

TUB09379	ST-1.5	Tube, metal, 1' to 2'	
TUB09380	ST-3	Tube, metal, 2' to 4'	
TUB09381	ST-5	Tube, metal, 4' to 8'	
TUB09382	ST-10	Tube, metal, 8' to 12'	

High-Temperature Duct Smoke Detector

SEN00916	DH400ACDCIHT	Sensor, air, 32 to 158°F	
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High-Temperature Duct Smoke Detector Head

BOX01354	DH400OE-1	Enclosure, 18" x 12" x 6", unit	
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Accessories

TUB09385	A2440-00	Tube, extension	
SEN00917	APA451	Annunciator	
SEN00918	RA400Z	Annunciator, 14 to 140°F	
SEN00919	RTS451	Remote, magnetic	
SEN00920	RTS451KEY	Remote, key	
TOL00914	CRT400	Tool	
MOD00861	MOD400R	Module	

DH100 Series Replacement Parts

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TUB09386	T80-71-00	Tube, plastic	
SRN00814	C58-205-200	Screen	
KIT06341	F36-00-00	Kit, filter	
BRD01725	A5064-00	Board	
BRD01726	A5069-00	Board	
MAG00012	M02-04-00	Magnet	
BRD01727	I57-1002-01	Insulator	

400 Series Replacement Parts

KIT06342	A2650-01	Kit, installation	
CAP00836	P48-21-00	Cap, end	
COV02911	C58-172-03	Cover	
KIT06343	F36-05-00	Kit, filter	
MAG00013	M02-04-01	Magnet	
CAB00851	MOD45R	Cord	

SIGNALING DEVICES BY SYSTEM SENSOR
Multi-Signaling Accessory

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SEN00970	SSK451	Sensor, multi-signaling accessory	

A20 Multi-Alert Horn/Strobe

TRM00026	MA12/24D	Sensor, horn, strobe, wall/ceiling, 12/24 VDC	
TRM00029	MASS24LO	Sensor, horn, strobe, wall, 24 VDC	

Multi-Alert Sounder and Accessory Strobes

TRM00031	PA400R	Sensor, sounder, 12/24 VDC, 90 dBA pulsed	
TRM00032	PA400W	Sensor, sounder, 12/24 VDC, 90 dBA pulsed	
TRM00033	PA400B	Sensor, sounder, 12/24 VDC, 90 dBA pulsed	
TRM00037	PS24LO	Sensor, strobe, 24 VDC	
TRM00038	PS24LOW	Sensor, strobe, 24 VDC	

Strobes Accessories

LEN00806	PS12/24SLENSW	Lens, strobe, wall mount	
LEN00807	PS12/24SLENSC	Lens, strobe, ceiling mount	
RES00837	A2143-10	Resistor, accessory	

CO2 SENSORS BY TELAIRE

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SEN01034	8001	Wall-mount w/o display	
SEN01010	8002	Wall-mount w/o display	
SEN01081	1308	Hand-held CO ₂ /temperature monitor	
SEN01086	7001	Sensor, Telaire hand-held, battery powered carbon dioxide and temperature	
KIT07826	2075	Kit, calibration kit for 8000 series and 7001 sensors from Telaire	
KIT07827	2072	Kit, user interface program for Telaire 8000 series sensors, software and cable	
BOX01459	1508	Box, aspiration box for duct mounting Telaire 8000 series sensors	
SER00004	SERVICE	Service, factory calibration service for Telaire 8000 series and 7001 sensors	
SEN01082	8007	Sensor, Telaire Ventostat 8007, duct mounted, no display, carbon dioxide	
SEN01083	8008	Sensor, Telaire Ventostat 8008, duct mounted, with display, carbon dioxide	
SEN01077	1380	Sensor, Telaire Blaq Box, measures temp, RH, CO, CO ₂ , Telaire no. 1380	

PREFABRICATED ROOF ACCESSORIES BY PORTALS PLUS
Shingle Flashing Systems

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE
BAS01844	85009	1.25"-1.50"
BAS01845	85019	2"
BAS01846	85029	3"
BAS01847	85039	4"

Deck Mates

SERVICEFIRST ITEM NO.	MFG. NO.	OLD MFG. NO.	MODEL	SIZE (O.D. OF PIPE)	A	B	CASE QTY	PRICE
BAS01853	81036	T003	D.M. 3	1/4"-4"	4"	8"	15	
BAS01854	81050	T005	D.M. 5	4"-7"	5"	11"	10	
BAS01855	81085	T008	D.M. 8	7"-13"	6"	17"	5	
BAS01856	81101	T010	D.M. 10	13"-26"	8"	34"	1	





Alumi-Flash Systems

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	QTY	PRICE
BAS01848	22015	w/126 black cap	5	
BAS01849	22025	w/212 black cap	5	

Equipment Rails

2x4 Nailer and 18 ga. galv. Cap Standard

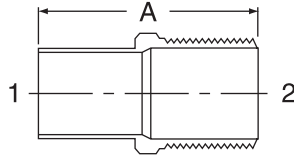
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	QTY	PRICE
BAS01850	35331	8" high x 3 ft long	1	
BAS01851	35341	8" high x 4 ft long	1	
BAS01852	35361	8" high x 6 ft long	1	

Stainless Steel Clamps—For All Systems (Bulk Package)

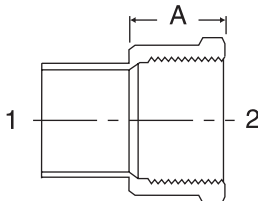
SERVICEFIRST ITEM	MFG. NO.	SIZE	QTY	PRICE
CMP00925	49008	3/4"- 1 3/4"	50	
CMP00926	49018	7/8"- 2 3/4"	50	
CMP00927	49048	2"- 7"	50	
CMP00928	49068	1 3/4"- 15"	50	

COPPER FITTINGS BY MUELLER

Adapter

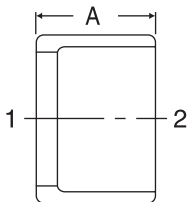


MUELLER STYLE - WC-401	ELKHART STYLE - 104	NIBCO STYLE - 9604	CONNECTION - C X M	PRICE			
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	SIZE 2	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
ADP00924	W01106	1/4 x 1/4	1/4	50	0.03	49/64	
ADP00932	W01114	3/8 x 3/8	3/8	50	0.06	53/64	
ADP00907	W01115	3/8 x 1/4	1/4	50	0.03	21/32	
ADP00066	W01124	1/2 x 1/2	1/2	50	0.09	13/16	
ADP01013	W01125	1/2 x 3/8	3/8	50	0.06	21/32	
ADP01009	W01130	5/8 x 3/4	3/4	25	0.16	15/16	
ADP00383	W01131	5/8 x 1/2	1/2	50	0.08	13/16	
ADP01011	W01132	5/8 x 3/8	3/8	50	0.06	41/64	
ADP00926	W01138	3/4 x 3/4	3/4	25	0.14	11/64	
ADP00376	W01145	7/8 x 1	1	25	0.29	15/32	
ADP00005	W01146	7/8 x 3/4	3/4	25	0.14	29/32	
ADP00925	W01162	1 1/8 x 1 1/4	1 1/4	10	0.40	19/16	
ADP00002	W01163	1 1/8 x 1	1	10	0.24	19/64	
ADP00927	W01164	1 1/8 x 3/4	3/4	10	0.18	59/64	
ADP00908	W01187	2 1/8 x 2	2	5	0.87	1 19/64	
ADP01014	W01196	2 5/8 x 2 1/2	2 1/2	1	1.22	1 25/32	

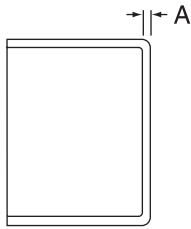


MUELLER STYLE - WC-402	ELKHART STYLE - 104	NIBCO STYLE - 9603	CONNECTION - C X F	PRICE			
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	SIZE 2	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
ADP00922	W01206	1/4 x 1/4	1/4	100	0.04	21/32	
ADP00930	W01214	3/8 x 3/8	3/8	50	0.06	21/32	
ADP00303	W01224	1/2 x 1/2	1/2	50	0.10	1	
ADP00905	W01225	1/2 x 3/8	3/8	50	0.06	53/64	
ADP01010	W01230	5/8 x 3/4	3/4	25	0.15	13/64	
ADP00937	W01231	5/8 x 1/2	1/2	50	0.10	27/32	
ADP00923	W01233	5/8 x 1/4	1/4	50	0.05	1/2	
ADP01012	W01238	3/4 x 3/4	3/4	50	0.14	57/64	
ADP00430	W01245	7/8 x 1	1	25	0.24	15/32	
ADP00322	W01246	7/8 x 3/4	3/4	25	0.14	27/32	
ADP00931	W01261	1 1/8 x 1 1/4	1 1/4	10	0.28	17/32	
ADP00426	W01263	1 1/8 x 1	1	25	0.24	31/32	
ADP00936	W01280	1 5/8 x 1 1/4	1 1/4	5	0.42	29/32	
ADP00428	W01287	2 1/8 x 2	2	1	0.74	15/16	
ADP00906	W01296	2 5/8 x 2 1/2	2 1/2	1	1.19	15/16	

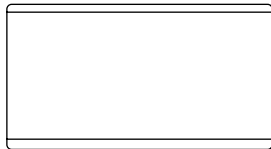
Bushing—Flush



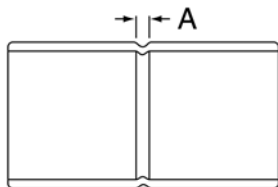
MUELLER STYLE - WC-106	ELKHART STYLE - 119	NIBCO STYLE - 9618	CONNECTION - FTG X C	PRICE			
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	SIZE 2	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
FTG00159	W01706	3/8 x 1/4	1/4	100	0.01	3/8	
BUS00978	W01712	3/8 x 1/4	1/4	100	0.01	3/8	
BUS00051	W01715	1/2 x 3/8	3/8	100	0.01	7/16	
BUS00979	W01717	5/8 x 1/2	1/2	100	0.02	9/16	
BUS00980	W01720	5/8 x 3/8	3/8	100	0.04	9/16	
BUS00981	W01725	3/4 x 5/8	5/8	50	0.03	11/16	
BUS00448	W01726	7/8 x 3/4	3/4	50	0.04	13/16	
BUS01378	W01727	7/8 x 5/8	5/8	50	0.08	13/16	
BUS00982	W01737	1 1/8 x 7/8	7/8	50	0.13	31/32	
BUS01379	W01738	1 1/8 x 7/8	7/8	50	0.13	31/32	
BUS00983	W01739	1 1/8 x 5/8	5/8	25	0.22	31/32	
BUS00984	W01743	1 1/8 x 5/8	5/8	25	0.22	31/32	
BUS01354	W01745	1 3/8 x 1 1/8	1 1/8	10	0.16	1 1/32	
BUS00985	W01750	1 5/8 x 1 3/8	1 3/8	10	0.22	1 5/32	
BUS00986	W01758	2 1/8 x 1 5/8	1 5/8	10	0.68	1 13/32	


CAP

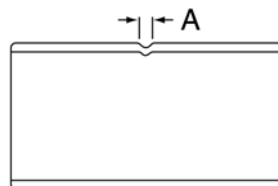
MUELLER STYLE - WC-415		ELKHART STYLE - 117			NIBCO STYLE - 9617	CONNECTION - C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
CAP00896	W07002	1/4	50		1/32	
CAP00131	W07004	3/8	50	0.01	1/32	
CAP00861	W07006	1/2	50	0.01	1/32	
CAP00285	W07007	5/8	100	0.02	1/32	
CAP00862	W07008	3/4	50	0.03	3/64	
CAP00863	W07009	7/8	50	0.04	3/64	
CAP00010	W07011	1 1/8	50	0.08	3/64	
CAP00441	W07012	1 3/8	25	0.11	3/64	
CAP00877	W07013	1 5/8	25	0.18	1/16	
CAP00516	W07014	2 1/8	1	0.30	1/16	
CAP00416	W07015	2 5/8	1	0.48	5/64	


Coupling - No Stop

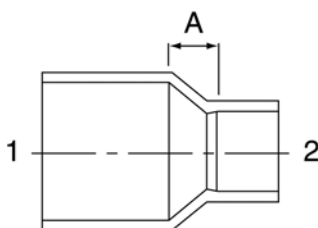
MUELLER STYLE - WC-400NS		ELKHART STYLE - 101			NIBCO STYLE - 9601	CONNECTION - C X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
CPL00133	W01900	1/4	100	0.01		
CPL00897	W01901	3/8	50	0.01		
CPL00898	W01902	1/2	50	0.02		
CPL00812	W01903	5/8	100	0.03		
CPL00899	W01904	3/4	25	0.04		
CPL00008	W01905	7/8	50	0.06		
CPL00473	W01906	1 1/8	25	0.11		
CPL00900	W01907	1 3/8	25	0.15		
CPL00471	W01908	1 5/8	10	0.21		
CPL00901	W01909	2 1/8	1	0.38		
CPL00229	W01910	2 5/8	1	0.68		
CPL00914	W01911	3 1/8	1	1.06		


Coupling - Rolled Stop

MUELLER STYLE - WC-400		ELKHART STYLE - 100			NIBCO STYLE - 9600-RS	CONNECTION - C X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
CPL00936	W01000	1/4	100		3/64	
CPL00874	W01001	3/16	100		1/16	
CPL00875	W01003	1/4	100	0.01	1/16	
CPL00877	W01009	3/8	50	0.01	1/16	
CPL00880	W01017	1/2	50	0.02	1/16	
CPL00881	W01022	5/8	100	0.03	1/16	
CPL00882	W01028	3/4	50	0.04	1/16	
CPL00923	W01034	7/8	50	0.06	1/16	
CPL00937	W01040	1	25	0.09	1/16	
CPL00892	W01047	1 1/8	25	0.11	1/16	
CPL00034	W01055	1 3/8	25	0.15	1/16	
CPL00884	W01062	1 1/2	25	0.22	1/16	
CPL00885	W01063	1 5/8	150	0.21	1/16	
CPL00009	W01072	2 1/8	10	0.38	1/16	
CPL00888	W01082	2 5/8	1	0.68	3/16	
CPL00890	W01092	3 1/8	1	1.03	3/16	
CPL01003	W10100	3 5/8	1	1.40	3/16	


Coupling - Staked Stop

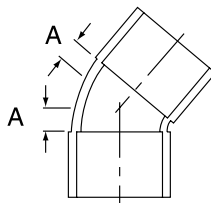
MUELLER STYLE - WC-400		ELKHART STYLE - 100			NIBCO STYLE - 9600-RS	CONNECTION - C X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
CPL00992	W10141	1/4	100	0.01	1/16	
CPL00879	W10142	5/16	100	0.01	1/16	
CPL00910	W10143	3/8	50	0.01	1/16	
CPL00993	W10144	1/2	50	0.02	1/16	
CPL00911	W10145	5/8	100	0.03	1/16	
CPL00994	W10157	3/4	25	0.04	1/16	
CPL00931	W10146	7/8	50	0.06	1/16	
CPL00033	W10147	1 1/8	25	0.11	1/16	
CPL00912	W10148	1 3/8	25	0.15	1/16	
CPL00913	W10149	1 5/8	10	0.21	1/16	
CPL00010	W10150	2 1/8	1	0.38	1/16	
CPL00343	W10151	2 5/8	1	0.68	3/16	
CPL01004	W10153	3 5/8	1	1.48	3/16	


Coupling - Reducing

MUELLER STYLE - WC-400R		ELKHART STYLE - 101R			NIBCO STYLE - 9600	CONNECTION - C X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
CPL00876	W01004	1/4 x 3/16	50	0.01	5/32	
CPL00981	W01005	1/4 x 1/8	50		3/16	
CPL00878	W01010	3/8 x 5/16	50	0.01	3/32	
FTG00170	W01011	3/8 x 1/4	50	0.01	3/16	
CPL00355	W01019	1/2 x 3/8	50	0.02	7/32	
CPL00902	W01021	1/2 x 1/4	50	0.02	3/8	

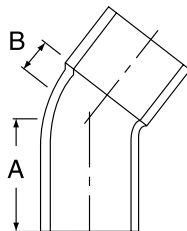
MUELLER STYLE - WC-415		ELKHART STYLE - 117			NIBCO STYLE - 9617	CONNECTION - C X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
CPL00376	W01023	5/8 x 1/2	350	0.03	1/8	
CPL00478	W01025	5/8 x 3/8	100	0.03	19/64	
CPL00883	W01029	3/4 x 5/8	100	0.05	1/4	
CPL00461	W01030	3/4 x 1/2	100	0.03	3/16	
CPL00905	W01031	3/4 x 3/8	100	0.04	5/16	
CPL00354	W01035	7/8 x 3/4	100	0.06	13/64	
CPL00307	W01036	7/8 x 5/8	50	0.08	19/64	
CPL00230	W01037	7/8 x 1/2	50	0.06	13/32	
CPL00962	W01038	7/8 x 3/8	50	0.06	3/8	
BUS00225	W01049	1 1/8 x 7/8	25	0.13	11/32	
CPL00350	W01050	1 1/8 x 3/4	25	0.10	23/64	
CPL00313	W01051	1 1/8 x 5/8	25	0.11	13/32	
CPL00903	W01052	1 1/8 x 1/2	25	0.10	15/32	
CPL00308	W01056	1 3/8 x 1 1/8	10	0.18	9/32	
CPL00906	W01058	1 3/8 x 7/8	10	0.17	13/32	
CPL00907	W01060	1 3/8 x 7/8	10	0.15	17/32	
CPL00356	W01064	1 5/8 x 1 3/8	10	0.24	5/16	
CPL00886	W01065	1 5/8 x 1 1/8	10	0.24	19/32	
CPL00908	W01067	1 5/8 x 7/8	10	0.22	19/32	
CPL00909	W01069	1 5/8 x 5/8	10	0.23	25/32	
FTG00166	W01073	2 1/8 x 1 5/8	1	0.39	15/32	
CPL00887	W01074	2 1/8 x 1 3/8	1	0.41	35/64	
CPL00904	W01075	2 1/8 x 1 1/8	1	0.38	13/16	
ADP00460	W01083	2 5/8 x 2 1/8	1	0.68	19/32	
CPL00889	W01084	2 5/8 x 1 5/8	1	0.72	7/8	
FTG00167	W01093	3 1/8 x 2 5/8	1	1.00	1/2	
CPL00891	W01094	3 1/8 x 2 1/8	1	1.02	15/16	

45° Elbow



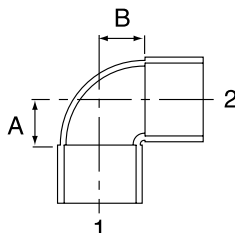
MUELLER STYLE - WE-504		ELKHART STYLE - 106			NIBCO STYLE - 9606	CONNECTION - C X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE	BOX QTY	APPROX. NET WT.	DIMENSION A	PRICE
ELL00141	W03005	1/4	50	0.01	3/16	
ELL00893	W03012	3/8	50	0.01	3/16	
ELL00933	W03021	1/2	50	0.02	13/64	
ELL00895	W03026	5/8	50	0.04	17/64	
ELL00896	W03030	3/4	50	0.06	5/16	
ELL00897	W03034	7/8	25	0.1	23/64	
ELL00898	W03044	1 1/8	25	0.18	15/32	
ELL00899	W03050	1 3/8	10	0.21	7/16	
ELL00900	W03055	1 5/8	10	0.3	1/2	
ELL00901	W03059	2 1/8	10	0.55	5/8	
ELL00902	W03063	2 5/8	5	1.41	19/16	
ELL00931	W03067	3 1/8	2	1.87	1 21/32	
ELL00972	W03070	3 5/8	2	3.35	1 3/4	

45° Elbow



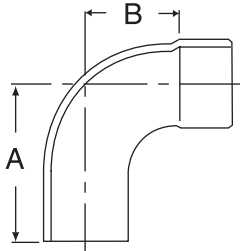
MUELLER STYLE - WE-505		ELKHART STYLE - 106-2			NIBCO STYLE - 9606-2	CONNECTION - FTG X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE	BOX QTY	APPROX. NET WT.	DIMENSION A	DIMENSION B
ELL00903	W03312	3/8	100	0.01	9/16	3/16
ELL00904	W03321	1/2	100	0.02	2 1/32	13/64
ELL00327	W03326	5/8	50	0.04	13/16	17/64
ELL00906	W03330	3/4	50	0.06	1	5/16
ELL00907	W03334	7/8	25	0.1	1 11/64	23/64
ELL00908	W03344	1 1/8	25	0.17	1 7/16	15/32
ELL00909	W03350	1 3/8	10	0.31	1 13/16	25/32
ELL00910	W03355	1 5/8	10	0.43	2 5/64	15/16
ELL00911	W03359	2 1/8	5	0.86	2 41/64	1 1/4
ELL00912	W03363	2 5/8	2	1.43	3 3/32	1 9/16
ELL00913	W03368	3 1/8	2	1.92	3 3/8	1 21/32

90° Elbow - Close Rough

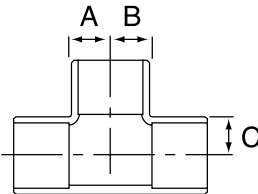


MUELLER STYLE - WE-500		ELKHART STYLE - 107-C			NIBCO STYLE - 9607-I	CONNECTION - C X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE	BOX QTY	APPROX. NET WT.	DIMENSION A	DIMENSION B
ELL00235	W02003	1/4	50	0.01	3/8	3/8
ELL00101	W02009	3/8	50	0.02	3/8	3/8
ELL00114	W02017	1/2	50	0.03	1/2	1/2
ELL00109	W02022	5/8	100	0.05	19/32	19/32
ELL00094	W02028	3/4	50	0.1	7/8	7/8
ELL00111	W02034	7/8	50	0.11	53/64	53/64
ELL00875	W02040	1	20	0.22	1 1/8	1 1/8
ELL00115	W02047	1 1/8	25	0.2	1 5/64	1 5/64
ELL00877	W02084	1 3/8	10	0.31	1 3/32	1 3/32
ELL00203	W02085	1 5/8	10	0.43	1 7/32	1 7/32

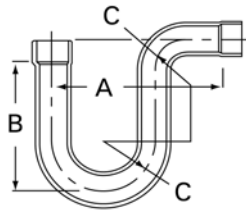
MUELLER STYLE - WE-505		ELKHART STYLE - 106-2			NIBCO STYLE - 9606-2		CONNECTION - FTG X C
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE	BOX QTY	APPROX. NET WT.	DIMENSION A	DIMENSION B	PRICE
ELL00325	W02086	2 $\frac{1}{8}$	10	0.86	1 $\frac{9}{16}$	1 $\frac{9}{16}$	
ELL00878	W02087	2 $\frac{5}{8}$	5	1.4	1 $\frac{13}{16}$	1 $\frac{13}{16}$	
ELL00918	W02088	3 $\frac{1}{8}$	5	1.99	2 $\frac{1}{16}$	2 $\frac{1}{16}$	

90° Elbow – Close Rough


MUELLER STYLE - WE-503		ELKHART STYLE - 107-C-2			NIBCO STYLE - 9607-2		CONNECTION - C X C	
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	SIZE 2	BOX QTY	APPROX. NET WT.	DIMENSION A	DIMENSION B	PRICE
ELL00920	W2305	1/4		50	.01	3/4	3/8	
ELL00921	W2312	1/2		50	.02	3/4	3/8	
ELL00100	W02321	1/2		50	.03	1 $\frac{5}{16}$	1/2	
ELL00922	W02326	5/8		50	.05	1 $\frac{5}{32}$	1 $\frac{9}{32}$	
ELL00217	W02330	3/4		25	.10	1 $\frac{7}{16}$	7/8	
ELL00286	W02334	7/8		25	.11	1 $\frac{5}{8}$	1 $\frac{3}{16}$	
ELL00238	W02344	1 $\frac{1}{8}$		25	.21	2 $\frac{1}{32}$	1 $\frac{1}{16}$	
ELL00244	W02384	1 $\frac{3}{8}$		25	.31	2 $\frac{5}{64}$	1 $\frac{1}{16}$	
ELL00212	W02385	1 $\frac{5}{8}$		10	.43	2 $\frac{3}{8}$	1 $\frac{7}{32}$	
ELL00206	W02386	2 $\frac{1}{8}$		10	.86	3 $\frac{3}{64}$	1 $\frac{19}{32}$	
ELL00317	W02387	2 $\frac{1}{8}$		5	1.36	3 $\frac{11}{32}$	1 $\frac{13}{16}$	
ELL00290	W02388	3 $\frac{1}{8}$		2	1.99	3 $\frac{25}{32}$	2 $\frac{1}{16}$	

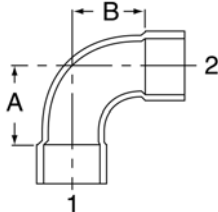
Tee


MUELLER STYLE - WT-600		ELKHART STYLE - 111			NIBCO STYLE - 9611		CONNECTION - C X C X C			
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE 1	SIZE 2	SIZE 3	BOX QTY	APPROX. NET WT.	DIMENSION A	DIMENSION B	DIMENSION C	PRICE
TEE00033	W04000	3/8			50	0.02	1 $\frac{3}{64}$	1 $\frac{3}{64}$	3/16	
TEE00143	W04001	1/2			50	0.05	1 $\frac{7}{64}$	1 $\frac{7}{64}$	1/4	
TEE00181	W04006	5/8			50	0.06	2 $\frac{1}{64}$	2 $\frac{1}{64}$	2 $\frac{1}{64}$	
TEE00140	W04017	3/4			25	0.12	1 $\frac{3}{32}$	1 $\frac{3}{32}$	2 $\frac{5}{64}$	
TEE00081	W04031	7/8			25	0.17	1 $\frac{5}{32}$	1 $\frac{5}{32}$	2 $\frac{9}{64}$	
TEE00899	W04034	7/8	7/8	1/2						
TEE00102	W04048	1 $\frac{1}{8}$			10	0.31	3 $\frac{7}{64}$	3 $\frac{7}{64}$	9/16	
TEE00911	W04049	1 $\frac{1}{8}$	1 $\frac{1}{8}$	7/8	10	0.27	1 $\frac{5}{32}$	1 $\frac{5}{32}$	4 $\frac{9}{64}$	
TEE00888	W04052	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1/2	10	0.21	2 $\frac{3}{64}$	2 $\frac{3}{64}$	1 $\frac{3}{32}$	
TEE00896	W04055	1 $\frac{1}{8}$	7/8	1 $\frac{1}{8}$	10	0.24	1 $\frac{9}{32}$	1 $\frac{3}{64}$	5/8	
TEE00886	W04056	1 $\frac{1}{8}$	7/8	7/8	10	0.30	1 $\frac{5}{32}$	4 $\frac{9}{64}$	4 $\frac{9}{64}$	
TEE00889	W04058	1 $\frac{1}{8}$	7/8	5/8	10	0.22	2 $\frac{3}{64}$	4 $\frac{1}{64}$	2 $\frac{1}{32}$	
TEE00910	W04062	1 $\frac{1}{8}$	5/8	7/8	10	0.32	1 $\frac{5}{32}$	1 $\frac{5}{32}$	4 $\frac{9}{64}$	
TEE00127	W04068	1 $\frac{3}{8}$			5	0.50	2 $\frac{3}{32}$	2 $\frac{3}{32}$	4 $\frac{5}{64}$	
TEE00915	W04070	1 $\frac{3}{8}$	1 $\frac{3}{8}$	7/8	5	0.33	2 $\frac{9}{64}$	2 $\frac{9}{64}$	1 $\frac{3}{16}$	
TEE00895	W04073	1 $\frac{3}{8}$	1 $\frac{1}{8}$	1 $\frac{3}{8}$	5	0.54	2 $\frac{3}{32}$	1 $\frac{7}{32}$	4 $\frac{9}{64}$	
TEE00900	W04074	1 $\frac{3}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5	0.53	1 $\frac{9}{32}$	1 $\frac{1}{8}$	5 $\frac{3}{64}$	
TEE00228	W04075	1 $\frac{3}{8}$	1 $\frac{1}{8}$	7/8	5	0.38	2 $\frac{9}{64}$	5 $\frac{9}{64}$	1 $\frac{3}{16}$	
TEE00152	W04078	1 $\frac{3}{8}$	7/8	1 $\frac{3}{8}$	5	0.56	2 $\frac{3}{32}$	1 $\frac{3}{8}$	4 $\frac{5}{64}$	
TEE00845	W04084	1 $\frac{5}{8}$			5	0.70	5 $\frac{3}{64}$	5 $\frac{3}{64}$	5 $\frac{3}{64}$	
TEE00144	W04090	1 $\frac{5}{8}$	1 $\frac{3}{8}$	1 $\frac{5}{8}$	5	0.78	2 $\frac{7}{32}$	1 $\frac{3}{16}$	5 $\frac{3}{64}$	
TEE00885	W04091	1 $\frac{5}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	5	0.72	4 $\frac{5}{64}$	1 $\frac{3}{16}$	1 $\frac{5}{16}$	
TEE00921	W04093	1 $\frac{5}{8}$	1 $\frac{3}{8}$	7/8	5	0.60	4 $\frac{5}{64}$	1 $\frac{21}{64}$	1 $\frac{5}{8}$	
TEE00909	W04095	1 $\frac{5}{8}$	1 $\frac{1}{8}$	1 $\frac{5}{8}$	5	0.80	5 $\frac{3}{64}$	1 $\frac{23}{32}$	5 $\frac{3}{64}$	
TEE00897	W04097	1 $\frac{5}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5	0.68	2 $\frac{3}{32}$	1 $\frac{29}{64}$	1 $\frac{19}{32}$	
TEE00206	W40102	2 $\frac{1}{8}$			5	1.60	1 $\frac{3}{32}$	1 $\frac{3}{32}$	1 $\frac{3}{32}$	
TEE00917	W40103	2 $\frac{1}{8}$	2 $\frac{1}{8}$	1 $\frac{5}{8}$	5	1.19	2 $\frac{7}{32}$	2 $\frac{7}{32}$	1 $\frac{13}{64}$	
TEE00891	W40109	2 $\frac{1}{8}$	1 $\frac{5}{8}$	2 $\frac{1}{8}$	2	1.60	1 $\frac{3}{32}$	1 $\frac{63}{64}$	1 $\frac{3}{32}$	
TEE00894	W40110	2 $\frac{1}{8}$	1 $\frac{5}{8}$	1 $\frac{5}{8}$	2	1.19	2 $\frac{7}{32}$	1 $\frac{23}{32}$	1 $\frac{7}{32}$	
TEE00890	W40111	2 $\frac{1}{8}$	1 $\frac{5}{8}$	1 $\frac{3}{8}$	2	1.34	2 $\frac{7}{32}$	1 $\frac{23}{32}$	1 $\frac{27}{32}$	
TEE00901	W40117	2 $\frac{1}{8}$	1 $\frac{3}{8}$	1 $\frac{3}{8}$	2	1.28	2 $\frac{7}{32}$	1 $\frac{27}{32}$	1 $\frac{27}{32}$	
TEE00919	W40122	1 $\frac{3}{8}$	1 $\frac{3}{8}$	2 $\frac{1}{8}$	2	1.68	2 $\frac{1}{16}$	2 $\frac{1}{16}$	1 $\frac{3}{32}$	
TEE00916	W40125	2 $\frac{5}{8}$	2 $\frac{5}{8}$	1 $\frac{5}{8}$	2	1.87	1 $\frac{3}{32}$	1 $\frac{3}{32}$	2 $\frac{5}{16}$	
TEE00893	W40130	2 $\frac{5}{8}$	2 $\frac{1}{8}$	2 $\frac{5}{8}$	4	2.24	1 $\frac{5}{16}$	2 $\frac{7}{16}$	1 $\frac{3}{8}$	
TEE00912	W40132	2 $\frac{5}{8}$	2 $\frac{1}{8}$	1 $\frac{5}{8}$	4	2.00	1 $\frac{5}{64}$	2 $\frac{11}{64}$	2 $\frac{7}{16}$	
TEE00918	W40137	2 $\frac{5}{8}$	1 $\frac{5}{8}$	5/8	4	2.28	1 $\frac{5}{16}$	2 $\frac{49}{64}$	1 $\frac{3}{8}$	
TEE00892	W40139	2 $\frac{5}{8}$	1 $\frac{5}{8}$	1 $\frac{5}{8}$	4	2.04	1 $\frac{3}{32}$	2 $\frac{27}{64}$	2 $\frac{7}{16}$	
TEE00920	W40144	2 $\frac{1}{8}$	2 $\frac{1}{8}$	2 $\frac{5}{8}$	1	2.41	1 $\frac{11}{32}$	1 $\frac{11}{32}$	1 $\frac{3}{32}$	
TEE00914	W40156	3 $\frac{1}{8}$	2 $\frac{5}{8}$	1 $\frac{5}{8}$	2	2.61	1 $\frac{5}{64}$	2 $\frac{9}{32}$	2 $\frac{11}{16}$	
TEE00906	W40158	3 $\frac{1}{8}$	2 $\frac{5}{8}$	2 $\frac{5}{8}$	2	3.30	1 $\frac{19}{32}$	2 $\frac{13}{16}$	2 $\frac{27}{32}$	
TEE00923	W40159	3 $\frac{1}{8}$	2 $\frac{5}{8}$	3 $\frac{1}{8}$	2	5.20	1 $\frac{19}{32}$	2 $\frac{9}{4}$	1 $\frac{5}{8}$	
TEE00907	W40167	3 $\frac{1}{8}$	2 $\frac{1}{8}$	3 $\frac{1}{8}$	2	4.10	1 $\frac{19}{32}$	3 $\frac{1}{16}$	1 $\frac{41}{64}$	
TEE00904	W40220	2 $\frac{5}{8}$	1 $\frac{3}{8}$	2 $\frac{5}{8}$	4	2.35	1 $\frac{5}{16}$	2 $\frac{7}{8}$	1 $\frac{3}{8}$	
TEE00898	W40232	7/8	1/2	1/2	25	0.14	2 $\frac{1}{64}$	5 $\frac{1}{64}$	5 $\frac{1}{64}$	
TEE00922	W40313	1 $\frac{5}{16}$			50	0.01	1 $\frac{3}{64}$	1 $\frac{3}{64}$	16-Mar	
TEE00063	W40306	1/4			100	0.01	5/32	5/32	5/32	



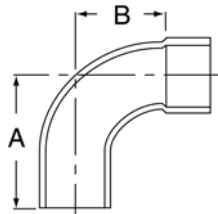
P-Trap – Suction Line

MUELLER STYLE - WE-554P		ELKHART STYLE - N/A		NIBCO STYLE - 9698		CONNECTION - C X C		
SERVICEFIRST ITEM NO.	MUELLER PN	SIZE 1	SIZE 2	BOX QTY	APPROX. NET WT.	DIMENSION A	DIMENSION B	PRICE
TRP00025	W60999	5/8		10	.39			
TRP00026	W61008	3/4		10	.52			
TRP00027	W61000	7/8		5	.60			
TRP00028	W61001	1 1/8		3	.86			
TRP00029	W61002	1 3/8		4	1.19			
TRP00030	W61003	1 5/8		4	2.27			
TRP00023	W61009	2 1/8		1	3.8			



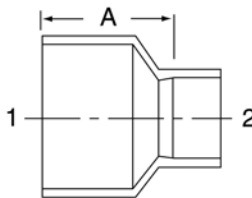
90° Elbow – Long Radius

MUELLER STYLE - WE-500L		ELKHART STYLE - 107-L		NIBCO STYLE - 9607-LT		CONNECTION - C X C	
ELL00951	W02701	3/16		50	0.01	5/16	5/16
ELL00882	W02715	1/4		50	0.01	1/2	1/2
ELL00881	W02710	5/16		50	0.01	9/16	9/16
ELL00883	W02716	3/8		50	0.02	3/4	3/4
ELL00046	W02717	1/2		50	0.04	3/4	3/4
ELL00884	W02722	5/8		50	0.06	7/8	7/8
ELL00885	W02728	3/4		50	0.11	1 1/8	1 1/8
ELL00016	W02734	7/8		25	0.15	1 3/16	1 3/16
ELL00019	W02747	1 1/8		10	0.26	1 1/2	1 1/2
ELL00932	W02054	1 1/4		50	0.33	1 7/8	1 7/8
ELL00018	W02055	1 3/8		10	0.44	1 7/8	1 7/8
ELL00050	W02063	1 5/8		5	0.61	2 1/4	2 1/4
ELL00010	W02072	2 1/8		5	1.19	2 7/8	2 7/8
ELL00349	W02082	2 5/8		5	2.06	3 21/32	3 21/32
ELL00919	W02092	3 1/8		2	3.05	4 5/8	4 5/8
ELL00925	W02093	3 5/8		1	4.95	4 29/32	4 29/32



90° Elbow – Long Radius

MUELLER STYLE - WE-503L		ELKHART STYLE - 107-L-2		NIBCO STYLE - 9607-2-LT		CONNECTION - FTG X C	
ELL00886	W02809	5/16		50	0.03	1 1/8	3/4
ELL00215	W02817	3/8		50	0.04	1 3/16	3/4
ELL00888	W02822	1/2		50	0.07	1 3/8	7/8
ELL00889	W02828	5/8		25	0.11	1 13/16	1 1/8
ELL00890	W02834	3/4		25	0.15	2	1 3/16
ELL00891	W02847	7/8		10	0.27	2 15/32	1 1/2
ELL00879	W02350	1 1/8		10	0.42	2 29/32	1 7/8
ELL00205	W02355	1 1/4			0.6	3 7/16	2 1/4
ELL00207	W02359	2 1/8		5	1.21	4 9/32	2 7/8
ELL00880	W02363	2 5/8		5	2.08	5 5/32	3 21/32



Fitting Reducer

MUELLER STYLE - WC-403		ELKHART STYLE - 118		NIBCO STYLE - 9600-2		CONNECTION - FTG X C	
FTG00894	W01302	1/4	1/8	50	0.01	1 7/32	
FTG00841	W01306	3/8	1/4	50	0.02	3/8	
BUS00066	W01312	1/2	3/8	50	0.02	5/8	
FTG00842	W01314	1/2	1/4	50	0.01	19/32	
FTG00003	W01315	5/8	1/2	50	0.03	3/4	
FTG00843	W01317	5/8	3/8	50	0.03	25/32	
FTG00844	W01320	3/4	5/8	100	0.03	7/8	
CPL00369	W01321	3/4	1/2	100	0.04	29/32	
FTG00845	W01322	3/4	3/8	100	0.03	7/8	
BUS00484	W01325	7/8	3/4	50	0.08	31/32	
FTG00846	W01326	7/8	5/8	50	0.06	61/64	
FTG00847	W01327	7/8	1/2	50	0.05	1 1/8	
BUS00352	W01337	1 1/8	7/8	25	0.11	1 7/64	
FTG00857	W01338	1 1/8	3/4	25	0.09	1 1/4	
FTG00858	W01339	1 1/8	5/8	25	0.10	1 11/32	
FTG00859	W01340	1 1/8	1/2	20	0.08	1 3/8	
CPL00027	W01343	1 3/8	1 1/8	10	0.17	1 7/32	
BUS00002	W01345	1 3/8	7/8	10	0.15	1 11/32	
FTG00862	W01347	1 3/8	5/8	10	0.14	1 1/2	
BUS00004	W01350	1 5/8	1 3/8	10	0.21	1 13/32	
BUS00015	W01351	1 5/8	1 1/8	10	0.22	1 17/32	
FTG00860	W01353	1 5/8	7/8	10	0.21	1 11/16	
FTG00863	W01355	1 5/8	5/8	10	0.21	1 3/4	
BUS00014	W01358	2 1/8	1 5/8	1	0.39	1 27/32	
FTG00848	W01359	2 1/8	1 3/8	1	0.38	2 1/32	
FTG00861	W01360	2 1/8	1 1/8	1	0.40	2 1/8	
FTG00849	W01367	2 5/8	2 1/8	1	0.63	2 1/32	
FTG00850	W01368	2 5/8	1 5/8	1	0.58	2 7/32	
BUS00011	W01376	3 1/8	2 5/8	1	0.93	2 1/32	
FTG00851	W01377	3 1/8	2 1/8	1	0.96	2 1/2	

COPPER COIL AND PIPE BY WOLVERINE (U.S. ONLY)

- Ready to deliver
- Nitrogen-purged ACR pipe
- Capped and cleaned for the highest possible quality product
- Coils sizes: 1/8" to 1 5/8"
- Straight length pipe sizes: 3/8" to 4 1/8"
- Stocked for rapid delivery

Pipe by Wolverine


SERVICEFIRST ITEM NO.	DESCRIPTION	WALL THICKNESS	LENGTH FT	LBS/PCS	PRICE
Straight length ACR					
PIP00882	3/8" OD.	0.030	20	2.44	
PIP00883	1/2" OD.	0.035	20	3.84	
PIP00884	5/8" OD.	0.040	20	5.53	
PIP00885	3/4" OD.	0.042	20	7.02	
PIP00886	7/8" OD.	0.045	20	8.83	
PIP00887	1 1/8" OD.	0.050	20	12.71	
PIP00888	1 3/8" OD.	0.055	20	17.15	
PIP00889	1 5/8" OD.	0.060	20	22.12	
PIP00890	2 1/8" OD.	0.070	20	33.95	
PIP00891	2 5/8" OD.	0.080	20	48.11	
PIP00892	3 1/8" OD.	0.090	20	64.60	
PIP00893	3 5/8" OD.	0.100	20	84.23	
PIP00894	4 1/8" OD.	0.110	20	104.37	

Copper Coil by Wolverine
Refrigeration coils ACR

COI01017	1/8" OD.	0.030	50		
COI01018	3/16" OD.	0.030	50		
COI01019	1/4" OD.	0.030	50		
COI01020	5/16" OD.	0.032	50		
COI01021	3/8" OD.	0.032	50		
COI01022	1/2" OD.	0.032	50		
COI01023	5/8" OD.	0.035	50		
COI01024	3/4" OD.	0.035	50		
COI01025	7/8" OD.	0.045	50		
COI01026	1 1/8" OD.	0.050	50	31.75	
COI01027	1 3/8" OD.	0.055	50	42.85	
COI01028	1 5/8" OD.	0.060	50	55.42	

EZ-TRAP

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TRP00011	EZT-110	Standard, 3/4" cross trap kit	
TRP00010	EZT-120	Standard, 3/4" cross trap kit Bramec Super-Pan® plastic secondary drain pan	
TRP00031	EZT-119	Trap, 1" cross trap kit	
TRP00032	EZT-225	Trap, drain pan overflow cut-off switch kit, 3/4"	

RECTORSEAL EZ KLEAR
3-way clean-out fitting

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
FTG00868	97585	Fitting, Easy Klear 3-way clean-out valve	

BRAMEC SUPER-PAN PLASTIC SECONDARY DRAIN PAN

Manufactured from impact-resistant, high-density polyethylene plastic sheet creating a virtually unbreakable pan. Rolled edges for durability and strength. Ribbed bottoms for rigidity. Structurally engineered corners for strength. No rust - no breakage - no leakage. Drain location LS = long side; SS = short side; N = no hole. 3/4" PVC fittings supplied with each pan. Available in over 25 convenient sizes. Drain pans are black in color and 2 1/2" deep. SBCCI PST and ESI Report No. 9502 (Refer to this Evaluation Report for [Southern Building] code compliance).

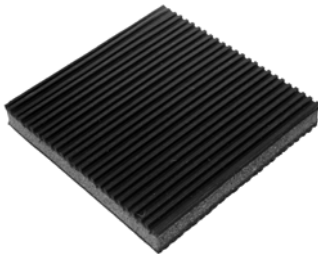


SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PAN02399	19719	12" x 46" bottom, 14" x 48" overall, drain: LS	
PAN02400	19720	12" x 46" bottom, 14" x 48" overall, drain: SS	
PAN02401	19747	12" x 46" bottom, 14" x 48" overall, drain: N	
PAN02402	19721	18" x 38" bottom, 20" x 40" overall, drain: LS	
PAN02403	19722	18" x 38" bottom, 20" x 40" overall, drain: SS	
PAN02404	19748	18" x 38" bottom, 20" x 40" overall, drain: N	
PAN02405	19723	18" x 46" bottom, 20" x 48" overall, drain: LS	
PAN02406	19724	18" x 46" bottom, 20" x 48" overall, drain: SS	
PAN02407	19749	18" x 46" bottom, 20" x 48" overall, drain: N	
PAN02408	19725	24" x 24" bottom, 26" x 26" overall, drain: S	
PAN02409	19750	24" x 24" bottom, 26" x 26" overall, drain: N	

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PAN02410	19726	26" x 26" bottom, 28" x 28" overall, drain: S	
PAN02411	19751	26" x 26" bottom, 28" x 28" overall, drain: N	
PAN02412	19727	27" x 29" bottom, 29" x 31" overall, drain: LS	
PAN02413	19728	27" x 29" bottom, 29" x 31" overall, drain: SS	
PAN02414	19752	27" x 29" bottom, 29" x 31" overall, drain: N	
PAN02415	19729	27" x 39" bottom, 29" x 41" overall, drain: LS	
PAN02416	19730	27" x 39" bottom, 29" x 41" overall, drain: SS	
PAN02417	19753	27" x 39" bottom, 29" x 41" overall, drain: N	
PAN02418	19731	27" x 48" bottom, 29" x 50" overall, drain: LS	
PAN02419	19732	27" x 48" bottom, 29" x 50" overall, drain: SS	
PAN02420	19754	27" x 48" bottom, 29" x 50" overall, drain: N	
PAN02421	19733	27" x 63" bottom, 29" x 65" overall, drain: LS	
PAN02422	19734	27" x 63" bottom, 29" x 65" overall, drain: SS	
PAN02423	19755	27" x 63" bottom, 29" x 65" overall, drain: N	
PAN02424	19735	30" x 30" bottom, 32" x 32" overall, drain: S	
PAN02425	19756	30" x 30" bottom, 32" x 32" overall, drain: N	
PAN02426	19736	30" x 50" bottom, 32" x 52" overall, drain: LS	
PAN02427	19737	30" x 50" bottom, 32" x 52" overall, drain: SS	
PAN02428	19757	30" x 50" bottom, 32" x 52" overall, drain: N	
PAN02429	19738	30" x 60" bottom, 32" x 62" overall, drain: LS	
PAN02430	19739	30" x 60" bottom, 32" x 62" overall, drain: SS	
PAN02431	19758	30" x 60" bottom, 32" x 62" overall, drain: N	
PAN02432	19740	32" x 63" bottom, 34" x 65" overall, drain: LS	
PAN02433	19741	32" x 63" bottom, 34" x 65" overall, drain: SS	
PAN02434	19759	32" x 63" bottom, 34" x 65" overall, drain: N	
PAN02435	19742	36" x 36" bottom, 38" x 38" overall, drain: S	
PAN02436	19760	36" x 36" bottom, 38" x 38" overall, drain: N	
PAN02437	19743	36" x 60" bottom, 38" x 62" overall, drain: LS	
PAN02438	19744	36" x 60" bottom, 38" x 62" overall, drain: SS	
PAN02439	19761	36" x 60" bottom, 38" x 62" overall, drain: N	
PAN02440	19745	24" round bottom, 26" round overall, drain: S	
PAN02441	19762	24" round bottom, 26" round overall, drain: N	
PAN02442	19746	34" round bottom, 36" round overall, drain: S	
PAN02443	19763	34" round bottom, 36" round overall, drain: N	

BRAMEC ANTI-VIBRATION PADS

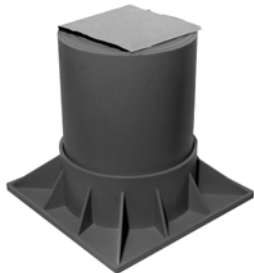
Has a solid cross-ribbed design (3/8" thick) or ribbed design with a cork center (7/8" thick). Made from high quality elastomeric materials. Compounded for excellent resistance to aging, compression set, and oil. Recommended maximum loading capacity: 50 lb per square inch.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PAD00806	6133	3" x 3" x 7/8" cork / rubber AV pad	
PAD00807	6134	4" x 4" x 7/8" cork / rubber AV pad	
PAD00808	6136	6" x 6" x 7/8" cork / rubber AV pad	
PAD00809	6433	3" x 3" x 3/8" all rubber AV pad	
PAD00810	6434	4" x 4" x 3/8" all rubber AV pad	
PAD00811	6436	6" x 6" x 3/8" all rubber AV pad	

BRAMEC PUMP-UP®

Easy to install. Elevate heat pumps and air handling units. Made of corrosion-resistant plastic. Allows better condensate drainage. Helps prevent corrosion of metal base. Polymeric mastic included with each unit. Absorbs vibration and noise. Over 20 years of proven service. Solid 6" x 6" mounting base. Top diameter 4 1/8".



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BAS01666	4005	3" Pump-up	
BAS01667	4008	6" Pump-up	
BAS01889	4004	4" Pump-up extension	

TAPE OF TEFLON®

Non-toxic pure, white Teflon. Meets Mil. Spec. T-27730A. Pressures: to 2,000 PSI. For use with solvents, chemicals, oxygen, and on food lines.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TAP00031	16147	1/2" x 260" low density tape of Teflon	
TAP00032	13219	1/2" x 520" low density tape of Teflon	
TAP00033	16148	3/4" x 260" low density tape of Teflon	
TAP00034	16149	3/4" x 520" low density tape of Teflon	
TAP00035	18491	1" x 520" low density tape of Teflon	
TAP00036	13711	1/2" x 520" tape of Teflon (4 roll/display pack)	

GAS SHUT OFF VALVE BY RUB, INC.

Brass body, Blow-out proof stem, .500 NPTI, Maximum working pressure 450 PSI, Temperature rating -32°F to + 35°F

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
VAL06748	195D41	1/2" NPTF	
VAL06749	195E41	3/4" NPTF	
VAL06750	195F41	1" NPTF	

OATEY REGULAR CEMENT-PVC PIPE AND FITTINGS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00098	0321	[31012] 4 oz with brush top cap	
CHM00099	0329	[31013] 8 oz with brush top cap	
CHM00100	0322	[31014] 16 oz with brush top cap	
CHM00101	13069	[31015] 32 oz with brush top cap	

OATEY ALL PURPOSE CLEANER-ABS, PVC AND CPVC

A free-flowing clear cleaner. Apply at temperatures 40°F to 90°F. Recommended for use on PVC, ABS, and CPVC. Cleaner removes surface dirt, grease, and grime. Yellow label.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00102	13067	[30782] 8 oz can	
CHM00103	0323	[30795] 16 oz can	
CHM00104	13068	[30805] 32 oz can	

OATEY PURPLE PRIMER-PVC AND CPVC

Free-flowing, purple-tinted, all-purpose primer. Purple tint shows that a primer was used. Removes surface dirt, grease, and grime. Apply at temperatures 40°F to 100°F. Purple label.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CHM00105	0332	[30780] 4 oz can	
CHM00106	0333	[30783] 8 oz can	
CHM00107	0334	[30796] 16 oz can	

CPVC PIPE AND FITTINGS

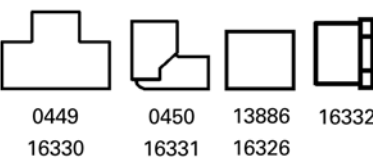
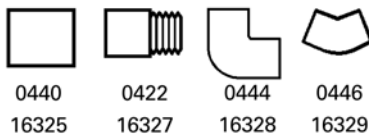
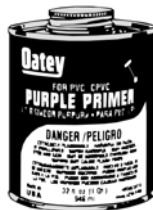
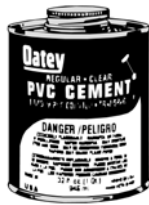
Used for condensate lines. NSF approved. Also used for hot/cold water pressure lines.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PIP00808	6065	1/2" CPVC pipe	
CPL00831	0440	1/2" CPVC coupling S x S	
ADP00845	0442	1/2" CPVC adapter MPT x S	
ADP00846	13886	1/2" CPVC adapter FPT x S	
ELL00821	0444	1/2" CPVC 90° elbow S x S	
ELL00822	0446	1/2" CPVC 45° elbow S x S	
TEE00822	0449	1/2" CPVC tee S x S x S	
ELL00825	0450	1/2" CPVC street elbow S x S	
PIP00809	16324	3/4" CPVC pipe	
CPL00832	16325	3/4" CPVC coupling S x S	
ADP00847	16326	3/4" CPVC female adapter MPT x S	
ADP00848	16327	3/4" CPVC male adapter FPT x S	
ELL00823	16328	3/4" CPVC 90° elbow S x S	
ELL00824	16329	3/4" CPVC 45° elbow S x S	
TEE00823	16330	3/4" CPVC tee S x S x S	
ELL00826	16331	3/4" CPVC street elbow S x S	
BUS00826	16332	3/4" x 1/2" CPVC bushing	

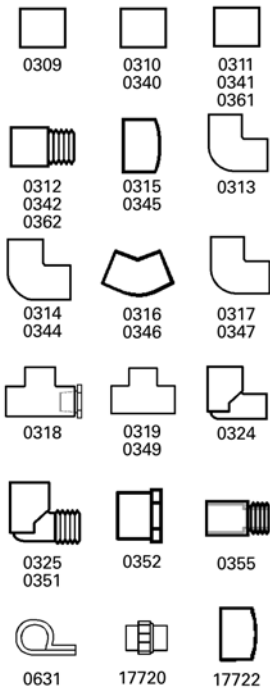
PVC CONDENSATE DRAIN PIPE

Manufactured in 10' lengths from the highest quality PVC and in schedule 40 pipe. Chemical resistance to acid and alkalis. White in color.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PIP00810	6085	1/2" 315 PSI PVC pipe	
PIP00811	6106	3/4" 200 PSI PVC pipe	
PIP00812	6070	3/4" schedule 40 400 PSI PVC pipe	
PIP00813	6107	1" 200 PSI PVC pipe	
PIP00814	16062	1" schedule 40 PVC pipe	



SCHEDULE 40 PVC CONDENSATE FITTINGS



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CPL00841	0309	Coupling, 1/2" S x 7/8" CTS	
CPL00834	0310	Coupling, 1/2" S x 1/2" S	
UNN00804	17722	1/2" Slip Union	
ADP00849	16266	Adapter, 1/2" FPT x 1/2" S	
ADP00850	0311	Adapter, 3/4" FPT x 1/2" S	
ADP00851	16267	Adapter, 1/2" MPT x 1/2" S	
ADP00852	0312	Adapter, 3/4" MPT x 1/2" S	
ADP00904	19101	Adapter, 1" MPT x 3/4" S	
ELL00827	0313	Elbow, 90° 7/8" CTS x 1/2" S	
ELL00828	0314	El, 90° 1/2" S x 1/2" S	
CAP00829	0315	Cap, 1/2" S	
CAP00830	17720	1/2" Threaded Cap (FPT)	
ELL00829	0316	El, 45° 1/2" S x 1/2" S	
ELL00830	0317	El, 90° 1/2" S x 3/4" FPT	
TEE00824	0318	Tee, 1/2" S, Clean Out	
TEE00825	0319	Tee, 1 1/2" S x 1/2" S x 1/2" S	
ELL00831	0324	El, Street 1/2" S x 1/2" S	
ELL00832	0325	El, Street 3/4" MPT x 1/2" S	
SRP00834	0631	Tubing Mts, 3/4" (25 pack)	
CPL00835	0339	Coupling, 3/4" S x 7/8" CTS	
CPL00836	0340	Coupling, 3/4" S x 3/4" S	
UNN00805	17723	3/4" Slip Union	
ADP00853	0341	Adapter, 3/4" FPT x 3/4" S	
ADP00854	0342	Adapter, 3/4" MPT x 3/4" S	
ELL00833	0343	El, 90° 7/8" CTS x 3/4" S	
ELL00834	0344	El, 90° 3/4" S x 3/4" S	
CAP00831	0345	Cap, 3/4" 100	
ELL00835	0346	El, 45° 3/4" S x 3/4" S	
ELL00836	0347	El, 90° 3/4" FPT x 3/4" S	
TEE00826	0348	Tee, 3/4" S clean out	
TEE00827	0349	Tee, 3/4" S x 3/4" S x 3/4" S	
ELL00837	0350	El, Street 3/4" S x 3/4" S	
ELL00838	0351	El, Street 3/4" MPT x 3/4" S	
BUS00827	0352	Bushing, Red 3/4" S x 1/2" S	
BUS00828	16268	Reducing Bushing, 1" S x 3/4" S	
ADP00855	0355	Adapter, 3/4" MGHT x 3/4" S	
SRP00833	0653	Pipe Strap, 6070/6106 size	
CPL00837	0360	Coupling, 1" S x 1" S	
ADP00856	0361	Adapter, 1" FPT x 1" S	
ADP00857	0362	Adapter, 1" MPT x 1" S	
ELL00839	0364	El, 90° 1" S x 1" S	
CAP00832	0365	Cap, 1" PVC	
ELL00840	0366	El, 45° 1" S x 1" S	
ELL00841	0367	El, 90° 1" FPT x 1" S	
TEE00828	0369	Tee, 1" S x 1" S x 1" S	
ELL00842	0371	El, Street 90° 1" MPT x 1" S	

PIPE AND TUBING INSULATION

Closed-cell rubber. 6' lengths. UL 94-5V flammability classification (recognition no. E61978). ASTM-D-1056 SCE-41; HH-I-573 (GSA-FSS). Specification compliance: ASTM-C-534 Type I (tubing).

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
INS02280	6112	5/8" (3/8" IPS) wall thickness: 3/8" (426')	
INS02281	6113	3/4" wall thickness: 3/8" (378')	
INS02282	6114	7/8" (1/2" IPS) wall thickness: 3/8" (318')	
INS02283	6115	1 1/8" wall thickness: 3/8" (252')	
INS01177	6116	1 3/8" wall thickness: 3/8" (192')	
INS02284	6117	1 5/8" (1 1/4" IPS) wall thickness: 3/8" (150')	
INS02285	6119	2 1/8" wall thickness: 3/8" (96')	
INS02286	6212	5/8" (3/8" IPS) wall thickness: 1/2" (360')	
INS02287	6213	3/4" wall thickness: 1/2" (300')	
INS02288	6214	7/8" (1/2" IPS) wall thickness: 1/2" (228')	
INS02289	6215	1 1/8" wall thickness: 1/2" (156')	
INS02290	6216	1 3/8" wall thickness: 1/2" (144')	
INS02291	6217	1 5/8" (1 1/4" IPS) wall thickness: 1/2" (114')	
INS02292	6219	2 1/8" wall thickness: 1/2" (72')	

INSUL-LOCK PRE-SLIT TUBING INSULATION

Factory-applied adhesive with convenient pull tab. Temperature use range: 0°F to 200°F Pre-slit.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
INS02293	14072	1½" wall thickness: ¾" (252')	
INS02294	14073	1¾" wall thickness: ¾" (192')	
INS02295	14074	1⅝" (1¼" IPS) wall thickness: ¾" (132')	
INS02296	14075	2⅛" wall thickness: ¾" (96')	
INS02297	14076	⅝" (¾" IPS) wall thickness: ½" (312')	
INS02298	14077	⅞" (½" IPS) wall thickness: ½" (216')	
INS02300	14079	1¾" wall thickness: ½" (132')	
INS02301	14080	1⅝" (1¼" IPS) wall thickness: ½" (120')	
INS02302	14081	2⅛" wall thickness: ½" (84')	

PIPE STRAP FROM DIVERSITECH

Twenty-eight gauge galvanized. Alternating nail and bolt holes.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SRP00867	710-A1710	10' roll	
SRP00868	710-A1650	50' roll	
SRP00869	710-A16100	100' roll	

BRAMEC PLASTIC HANGER STRAP

High strength, flexible, and nonconductive. ¾" or 1" wide. In an attractive display packaging. Can be cut to length with scissors or utility knife. Uses: pipe hanger, duct hanger, tubing strap, utility strap, etc.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SRP00822	17276	¾" x 10' roll plastic hanger strap (bag)	
SRP00823	17277	¾" x 25' roll plastic hanger strap (bag)	
SRP00824	17278	¾" x 50' roll plastic hanger strap (box)	
SRP00825	13038	¾" x 100' roll plastic hanger strap (box)	
SRP00826	17717	¾" x 250' roll plastic hanger strap (box)	
SRP00827	14997	1" x 100' roll plastic hanger strap (box)	



SHOE COVERS FROM BRAMEC

Protects floors from dirt, scuffs, and scratches caused by dirty shoes. Slip-resistant PVC sole. Saves on costly carpet-cleaning bills.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
APL00115	19808	Extra large shoe covers, 10 bass of 5 pair each w/header card for display	
APL00114	19807	Extra large shoe covers, bulk pack 50 pair/box	

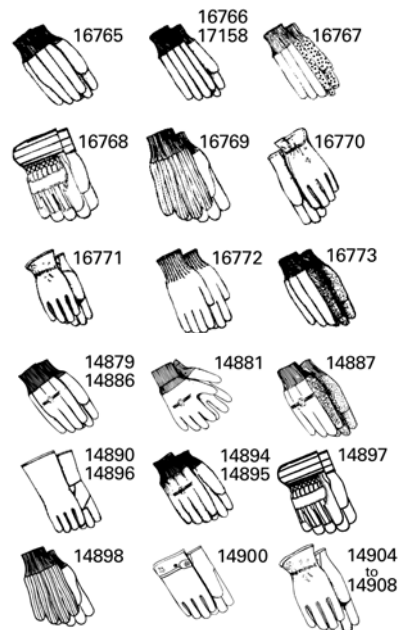
BRAMEC WORK GLOVES

High quality; economically priced. Hang tags for pegboard display.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
APL00006	16765	8 oz cotton canvas glove	
APL00007	16766	9 oz brown jersey glove	
APL00008	16767	9 oz brown jersey glove with PVC dots	
APL00009	16768	Leather palm glove with rubberized cuff	
APL00010	16769	Leather palm glove with knit wrist	
APL00011	16770	Split leather drivers glove	
APL00012	16771	Select leather drivers glove with keystone thumb	
APL00013	16772	Cotton/polyester string knit glove	
APL00014	16773	8 oz cotton canvas glove with PVC dots	
APL00015	17158	Red lined brown jersey glove	

WELLS LAMONT® GLOVES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
APL00016	14879	[49A] 8 oz cotton canvas glove	
APL00019	14886	[302] 9 oz cotton jersey hob-nob	
APL00020	14887	[304] 8 oz cotton canvas hob-nob	
APL00022	14890	[508] 8 oz brown cotton jersey	
APL00023	14894	[635] cotton flannel chore glove	
APL00024	14895	[645] 18 oz cotton flannel chore glove	
APL00026	14897	[4100] split leather palm safety cuff	
APL00027	14898	[5027A] split leather palm knit wrist	
APL00028	14904	[7006L] pile-lined split leather	
APL00029	14905	[7006M] pile-lined split leather	
APL00030	14906	[7046L] rust-colored split leather	
APL00031	14907	[7701L] leather with gun cut	



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
APL00032	14908	[7701M] leather with gun cut	
APL00141	19904	Apparel, Mechpro machine washable mechanics glove, style 7701M	
APL00140	19905	Apparel, Mechpro machine washable mechanics glove, style 7701L	
APL00138	19906	Apparel, Mechpro machine washable mechanics glove, style 7721M	
APL00137	19907	Apparel, Mechpro machine washable mechanics glove, style 7721L	
APL00135	19908	Apparel, Mechpro machine washable mechanics glove, style 7711M	
APL00134	19909	Apparel, Mechpro machine washable mechanics glove, style 7711L	
APL00139	19911	Apparel, Mechpro machine washable mechanics glove, style 7701XL	
APL00136	19912	Apparel, Mechpro machine washable mechanics glove, style 7721XL	
APL00133	19913	Apparel, Mechpro machine washable mechanics glove, style 7711XL	

HARD HATS



Fits head sizes 6½" to 7¾". Comfortable, impact-absorbing 6-point woven nylon suspension with a fully cushioned brow pad. Molded from high-density polyethylene. Meets or exceeds all applicable OSHA regulations and ANSI Z89.1 Class A, B, and C requirements.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
APL00059	17728	White hard hat	
APL00060	17729	Yellow hard hat	
APL00061	17730	Blue hard hat	
APL00062	17731	Quilted nylon, fleece lining hard hat winter liner	

MIDWEST ELECTRIC AIR-CONDITIONER DISCONNECTS (METALLIC)

NEMA 3R enclosure; rainproof. Items #13154, 13156–13158 are CSA listed.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02086	13154	[U065P] 60 Amp, 240V, 1 phase, nonfusible	
SWT02087	13155	[U0653P] 60 Amp, 240V, 3 phase, nonfusible	
SWT02088	13156	[U035F] 30 Amp, 120 / 240V, 1 phase, fusible	
SWT02089	13157	[U065F] 60 Amp, 120 / 240V, 1 phase, fusible	
SWT02091	13159	[U0353F] 30 Amp, 120 / 240V, 3 phase, fusible	
SWT02092	13160	[U0653F] 60 Amp, 120 / 240V, 3 phase, fusible	

MIDWEST ELECTRIC AIR-CONDITIONER DISCONNECTS (NON-METALLIC)

NEMA 3R enclosure; rainproof. UL and CSA listed. Constructed of Noryl thermoplastic. Durable and corrosion resistant.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02093	13146	[P065P] 60 Amp, 120 / 240V, 1 PH, nonfused	
SWT02094	13147	[P065F] 60 Amp, 120 / 240V, 1 PH, fused	
SWT02095	13148	[P035F] 30 Amp, 120 / 240V, 1 PH fused	

MIDWEST ELECTRIC HEAT PUMP FUSIBLE DISCONNECTS (METALLIC)

NEMA 3R enclosure; rainproof. CSA listed.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02096	13161	[U045F] 90 Amp, 120 / 240V, 1 phase	
SWT02097	13162	[U610F] 100 Amp, 120 / 240V, 1 phase	

BUSS NON-METALLIC HVAC DISCONNECTS

NEMA 3R rainproof. Internal shield can be removed without tools. Specifications are embossed on internal shield. Knockouts on back, bottom, and both sides. Touchproof construction. Padlockable. UL and CSA listed. Single phase, 2W, 240 Volts AC. 94V-O flammability rating. #14 to 2 awg., copper wire only.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02102	18034	[B221-30FNM] 30 Amp fused disconnect	


THERMOSTAT WIRE BY BARON

UL listed. 18-gauge plenum wire. 18-gauge and 20-gauge thermostat wire. Metal spools. Sunlight resistant.

Thermostat wire on reels – 18 ga.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
500 foot spools, 18 AWG UL CL2, CUL CM OR CMH/FT1			
WIR02573	55302-05-07 3001820000	18/2	
WIR02574	55303-05-07 3001830000	18/3	
250 foot spools, 18 AWG UL CL2, CUL CM OR CMH/FT1			
WIR02575	55304-04-07 3001840000	18/4	
WIR02576	55305-04-07 3001850000	18/5	
WIR02577	55306-04-07 3001860000	18/6	
WIR02578	55307-04-07 55307-04-07	18/7	
WIR02579	55308-04-07 3001880000	18/8	
WIR02580	55309-04-07 55309-04-07	18/9	
WIR02581	55310-04-07 3018100000	18/10	
WIR02582	55312-04-07 55312-04-07	18/12	

*18 gauge Baron-ServiceFirst part numbers that are different than the Baron part number indicate special ServiceFirst labeling requirements for items stocked in ServiceFirst warehouse.

Thermostat wire on reels – 20 ga.

500 foot spools, 20 AWG UL CL2, CUL CM OR CMH/FT1			
WIR02583	55202-05-07 55202-05-07	20/2	
WIR02584	55203-05-07 55203-05-07	20/3	
250 foot spools, 20 AWG UL CL2, CUL CM OR CMH/FT1			
WIR02585	55204-04-07 55204-04-07	20/4	
WIR02586	55205-04-07 55205-04-07	20/5	
WIR02587	55206-04-07 55206-04-07	20/6	
WIR02588	55207-04-07 55207-04-07	20/7	
WIR02589	55208-04-07 55208-04-07	20/8	
WIR02590	55209-04-07 55209-04-07	20/9	
WIR02591	55210-04-07 55210-04-07	20/10	

Baro-Paks – 18 ga.

500 foot coils, 18 AWG UL CL2, CUL CM OR CMH/FT1			
WIR03769	55302-55-07 55302T507	18/2	
WIR03770	55303-55-07 55303T507	18/3	
250 foot coils, 18 AWG UL CL2, CUL CM OR CMH/FT1			
WIR03771	55304-54-07 55304T407	18/4	
WIR03772	55305-54-07 55305T407	18/5	
WIR03773	55306-54-07 55306T407	18/6	
WIR03776	55307-54-07 55307T407	18/7	
WIR03774	55308-54-07 55308T407	18/8	
WIR03777	55309-54-07 55309T407	18/9	
WIR03775	55310-54-07 55310T407	18/10	
WIR03778	55312-54-07 55312T407	18/12	

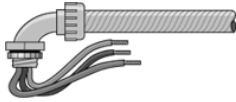
Baro-Paks – 20 ga.

500 foot coils, 20 AWG UL CL2, CUL CM OR CMH/FT1			
WIR03779	55202-55-07 55202T507	20/2	
WIR03780	55203-55-07 55203T507	20/3	
250 foot coils, 20 AWG UL CL2, CUL CM OR CMH/FT1			
WIR03781	55204-54-07 55204T407	20/4	
WIR03782	55205-54-07 55205T407	20/5	
WIR03783	55206-54-07 55206T407	20/6	
WIR03784	55207-54-07 55207T407	20/7	
WIR03785	55208-54-07 55208T407	20/8	
WIR03786	55209-54-07 55209T407	20/9	
WIR03787	55210-54-07 55210T407	20/10	

Plenum Rated Wire

500 foot spools, 18 AWG UL CMP/MPP/CL2P, CUL CMP/FT6			
WIR02593	30182P0000	18/2	
WIR02594	30183P0000	18/3	
250 foot spools, 18 AWG UL CMP/MPP/CL2P, CUL CMP/FT6			
WIR02595	30184P0000	18/4	
WIR02596	30185P0000	18/5	
WIR02597	30186P0000	18/6	





Air Conditioning Whips by Baron

Metallic Fittings

SERVICEFIRST ITEM NO.	MFG. NO.		DESCRIPTION	PRICE
KIT08232	57504	57504-T0-00	3/4" x 4'	
KIT08233	57506	57506-T0-00	3/4" x 6'	
KIT08230	57514	57514-T0-00	1/2" x 4'	
KIT08231	57516	57516-T0-00	1/2" x 6'	

PVC Fittings

KIT08228	57505	57505-T0-00	3/4" x 4'	
KIT08226	57515	57507-T0-00	1/2" x 4'	
KIT08229	57507	57515-T0-00	3/4" x 6'	
KIT08227	57517	57517-T0-00	1/2" x 6'	

UL LISTED SHIELDED THERMOSTAT WIRE

UL listed. 18 gauge plenum wire. Metal spools. 100% aluminum foil shield with drain wire outside. Sunlight resistant.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
WIR02609	17537	18-2 UL CL2P shielded plenum wire, 500' spool	
WIR02610	17538	18-3 UL CL2P shielded plenum wire, 500' spool	
WIR02611	17539	18-4 UL CL2P shielded plenum wire, 250' spool	
WIR02612	17542	18-5 UL CL2P shielded plenum wire, 250' spool	
WIR02613	17543	18-6 UL CL2P shielded plenum wire, 250' spool	
WIR02614	17546	18-8 UL CL2P shielded plenum wire, 250' spool	

CONVENIENCE KITS

Each kit comes pre-assembled. Two electrical reducing washers included. One foot of wire at each end for easy hook up. Packaged in attractive display packaging. Wire is provided in three distinct colors for ease of hookup. Saves time and effort in wiring air conditioner condenser units.



Metallic Fittings

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT06053	7801	1/2" x 4', #10 wire, 1 straight and 1 90° connector	
KIT06054	7803	1/2" x 6', #10 wire, 1 straight and 1 90° connector	
KIT06055	7805	3/4" x 4', #8 wire, 1 straight and 1 90° connector	
KIT06056	7807	3/4" x 6', #8 wire, 1 straight and 1 90° connector	

Non-Metallic Fittings

KIT06458	17377	1/2" x 6', #10 wire, 1 straight and 1 90° connector	
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UL LISTED, NEMA TYPE 3R ENCLOSURE 240 VOLTS-DISCONNECTS BY SIEMENS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02385	WN2060	60A, Non-fused disconnect switch, metallic	

UL LISTED, NEMA TYPE 3R ENCLOSURE 240 VOLTS-DISCONNECTS BY SIEMENS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02386	WF20302	30A, fused disconnect switch, metallic	
SWT02387	WF20602	60A, fused disconnect switch, metallic	

1. Fuses not included.
2. Service entrance rated.

DISCONNECTS BY CUTLER-HAMMER

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02411	DPU222R	60A, non-fused disconnect switch, metallic	
SWT02412	DPF222R	60A, fused disconnect switch, metallic	
SWT02413	DPF221R	30A, fused disconnect switch, metallic	
SWT02414	ACD222URNM	60A, non-fused disconnect switch, non-metallic	
SWT02415	ACD222RNM	60A, fused disconnect switch, non-metallic	
SWT02416	ACD221RNM	30A, fused disconnect switch, non-metallic	

CABLE TIE ASSORTMENT PACK

100 ea. 7" and 50 ea. 11" per pack. Convenient zipper bag.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TIE00054	15216	7" and 11" cable tie assortment pack	
TIE00055	16675	7" and 11" UV black cable tie assortment pack	



Pumps



CONDENSATE PUMPS BY LITTLE GIANT

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PMP01268	554405	VCMA-15ULS, pump; 115V, 1/30 Hp, 65 gph @ 1', to 30 gph @ 9' 1/2 gal tank, 15 ft head, w/safety switch, 6 lbs, 7 x 9 1/4 x 4 1/2	
PMP01269	554401	VCMA-15ULS, pump; 115V, 1/30 Hp, 65 gph @ 1', to 30 gph @ 9' 1/2 gal tank, 15 ft head, wo/safety switch, 6 lbs, 7 x 9 1/4 x 4 1/2	
PMP01271	554425	VCMA-20ULS, pump; 115V, 1/30 Hp, 80 gph @ 1', to 25 gph @ 15' 1/2 gal tank, 20 ft head, w/SS, 6.3 lbs, 7 x 9 1/4 x 4 1/2	
PMP01273	554455	VCMA-20ULS 230V, pump; 230V, 1/30 Hp, 80 gph @ 1', to 25 gph @ 15' compact, 1/2 gal tank, 17 ft head, w/SS, 6.3 lbs, 7 x 9 1/4 x 4 1/2	
CNT02511	599122	Control, switch, safety overflow, 48VAC/PC, w/18" leads	
IND00048	513350	HW-9, indicator; alarm, high water indicator, 9 Volts	
PMP01424	553455	Pump, 115V, condensate for small mini split	
PMP01425	553450	Pump; 230V, 50/60 HZ, condensate for small mini split	

Batteries



ALKALINE INDUSTRIAL BATTERIES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BAT00006	AL-C	C size alkaline 6 pack	
BAT00007	AL-D	D size alkaline 6 pack	
BAT00008	AL-AA	AA size alkaline 6 pack	
BAT00009	AL-AAA	AAA size alkaline 6 pack	
BAT00010	AL-9V	9-volt size alkaline 6 pack	

LITHIUM BATTERY

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BAT00022	RL132A-2	Lithium photo/electric battery 123A size carded 2 pack, 3.0 Volt	

Filters

MEDIA FILTER CARTRIDGES

Direct replacements for Trion Air Bear media air cleaners.

SERVICEFIRST ITEM NO.	MFG. NO.	REPLACES TRION AIR BEAR PARTS NO.	NOMINAL SIZE (IN.)	ACTUAL SIZE (IN.)	PKG. QTY.	SHIPPING WEIGHT (LBS.)	PRICE
FLR03410	AB-504	229990-102	20 x 25 x 5	19 5/8 x 24 1/8 x 4 7/8	3	11	
FLR03411	AB-502	229990-101	16 x 25 x 3	15 3/4 x 24 1/4 x 3	6	14	
FLR03412	AB-503	229990-103	20 x 20 x 5	19 3/4 x 20 3/4 x 4 7/8	4	12	

Antimicrobial treated

FLR03413	AB-504-BIO	248713-102	20 x 25 x 5	19 5/8 x 24 1/8 x 4 7/8	3	11	
FLR03414	AB-502-BIO	248713-101	16 x 25 x 3	15 3/4 x 24 1/4 x 3	6	14	
FLR03415	AB-503-BIO	248713-104	20 x 20 x 5	19 3/4 x 20 3/4 x 4 7/8	4	12	

1. Airguard AB-500 Series media filter cartridges are classified U.L. Class 2 per U.L. Standard 900.

REPLACEMENT FILTER MEDIA

Direct replacements for Honeywell.

SERVICEFIRST ITEM NO.	MFG. NO.	REPLACES HONEYWELL REPLACEMENT MEDIA PART NO.	NOMINAL SIZE (IN.)	ACTUAL SIZE (IN.)	PKG. QTY.	SHIPPING WEIGHT (LB)	PRICE
FLR03416	HW-520	203722	12 1/2 x 20 x 4	12 1/2 x 20 x 4 3/8	5	7.0	
FLR03417	HW-501	209894	16 x 20 x 4	16 x 19 3/4 x 4 3/8	5	9.0	
FLR03418	HW-502	203719	16 x 25 x 4	16 x 24 7/8 x 4 3/8	5	11.5	
FLR03419	HW-503	203721	20 x 20 x 4	19 3/4 x 20 x 4 3/8	5	11.5	
FLR03420	HW-504	203720	20 x 25 x 4	20 x 24 7/8 x 4 3/8	5	14.0	

1. Airguard HW-500 Series replacement filter media are classified U.L. Class 2 per U.L. Standard 900.

PERFECT FIT™ AIR CLEANER REPLACEMENT FILTERS

Perfect Fit Filters for furnace applications

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	ENCLOSURE USED WITH	CASE QTY.	SHIP WGT.	PRICE
FLR05048	BAYFTFR14P4A	14.5 x 28.5 x 1 Pleat	14 1/2	4	3	
FLR05049	BAYFTFR17P4A	17.5 x 28.5 x 1 Pleat	17 1/2	4	3	
FLR05050	BAYFTFR21P4A	21.0 x 28.5 x 1 Pleat	21	4	3	
FLR05051	BAYFTFR24P4A	24.5 x 28.5 x 1 Pleat	24 1/2	4	3	
FLR01847	BAYFTFR14M2A	14.5 x 28.5 x 5 Media	14 1/2	2	5	
FLR01850	BAYFTFR17M2A	17.5 x 28.5 x 5 Media	17 1/2	2	5	
FLR01853	BAYFTFR21M2A	21.0 x 28.5 x 5 Media	21	2	5	
FLR01856	BAYFTFR24M2A	24.5 x 28.5 x 5 Media	24 1/2	2	6	

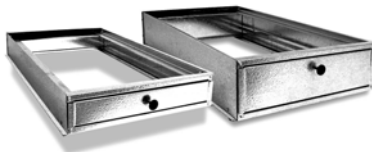
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	ENCLOSURE USED WITH	CASE QTY.	SHIP WGT.	PRICE
FLR03831	BAYFTFR14W1A	14.19 x 26.03 x .875 permanent washable, each equals 2 filters per pkg (3 pkg per case)	14½	6	5	
FLR03832	BAYFTFR17W1A	17.19 x 26.03 x .875 permanent washable, each equals 2 filters per pkg (3 pkg per case)	17½	6	6	
FLR03833	BAYFTFR21W1A	20.69 x 26.03 x .875 permanent washable, each equals 2 filters per pkg (3 pkg per case)	21	6	8	
FLR03834	BAYFTFR24W1A	24.19 x 26.03 x .875 permanent washable, each equals 2 filters per pkg (3 pkg per case)	24½	6	8	

PERFECT FIT FILTERS FOR AIR HANDLER APPLICATIONS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	ENCLOSURE USED WITH	CASE QTY.	SHIP WGT.	PRICE
FLR05045	BAYFTAHA21P4A	21.5 x 21 x 1 Pleat	21½	4	3	
FLR05046	BAYFTAHA23P4A	23.5 x 21 x 1 Pleat	23½	4	3	
FLR05047	BAYFTAHA26P4A	26.0 x 21 x 1 Pleat	26	4	3	
FLR01838	BAYFTAHA21M2A	21.5 x 21 x 5 Media	21½	2	5	
FLR01841	BAYFTAHA23M2A	23.5 x 21 x 5 Media	23½	2	5	
FLR01844	BAYFTAHA26M2A	26.0 x 21 x 5 Media	26	2	6	
FLR03835	BAYFTAHA21W1A	21.19 x 19.9 x .875 Permanent Washable	21½	6	7	
FLR03836	BAYFTAHA23W1A	23.19 x 19.9 x .875 Permanent Washable	23½	6	7	
FLR03837	BAYFTAHA26W1A	25.69 x 19.9 x .875 Permanent Washable	26	6	8	

ACCOMMODATOR FILTER HOUSINGS SERIES BY MCDANIEL METALS

Accommodates standard filters. Accommodates pleated, electrostatic, or throwaway filters. Embossed heavy-gauge steel construction, completely insulated. Individually boxed for convenient shipping and warehousing. Sizes to accommodate all furnaces, gas (ACG), or electric (ACE), through 5 tons. Access knob can be positioned up or down.



Gas Furnaces

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIMENSIONS W X H X L	DUCT OPENING W X L	FILTER SIZE	PRICE
HUS03520	ACG 1425-6	15¾ x 5¾ x 28¾	12⅞ x 26½	14 x 25	
HUS03521	ACG 1625-6	17¾ x 5¾ x 28¾	14⅞ x 26½	16 x 25	
HUS03522	ACG 2025-6	21¾ x 5¾ x 28¾	18⅞ x 26½	20 x 25	
HUS03523	ACG 2424-6	25¾ x 5¾ x 28¾	22⅞ x 26½	24 x 24	
HUS03665	ACG 3025-6	31¾ x 5¾ x 28½	28¾ x 26¼	30 x 25	

Honeywell F25 Filters for 1625

Handles 1", 2" and 4¾" filters, overall height 5¾"

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIMENSIONS W X H X L	DUCT OPENING W X L	FILTER SIZE	PRICE
HUS03669	ACG 1625 6-H	17¾ x 5⅝ x 25½	14½ x 23½	16 x 25	

Handles 1" and 2" filters, overall height 3¾"

HUS03524	ACG 1425-3	15¾ x 3¾ x 28¾	12⅞ x 26½	14 x 25	
HUS03525	ACG 1625-3	17¾ x 3¾ x 28¾	14⅞ x 26½	16 x 25	
HUS03526	ACG 2025-3	21¾ x 3¾ x 28¾	18⅞ x 26½	20 x 25	
HUS03527	ACG 2424-3	25¾ x 3¾ x 28¾	22⅞ x 26½	24 x 24	
HUS03666	ACG 3025-3	31¾ x 3¾ x 28½	28¾ x 26¼	30 x 25	

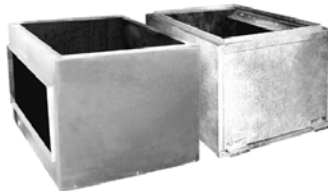
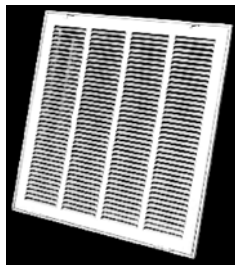
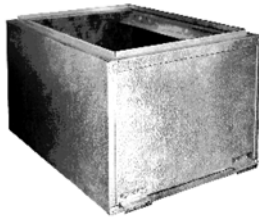
Electric Furnaces and A/H

Handles 1", 2" and 4" filters, overall height 5¾"

HUS03528	ACE 1420-6	15¾ x 5¾ x 22	12⅞ x 19	14 x 20	
HUS03529	ACE 1620-6	17¾ x 5¾ x 22	14⅞ x 19	16 x 20	
HUS03667	ACE 1625-6	19½ x 5¾ x 25½	17¼ x 20¼	16 x 25	
HUS03530	ACE 2020-6	21¾ x 5¾ x 22	18⅞ x 19	20 x 20	
HUS03531	ACE 2025-6	26¾ x 5¾ x 22 (Door on 26" side)	23⅞ x 19	20 x 25	
HUS03532	ACE 2025-6N	21¾ x 3¾ x 25 (Door on 22" side)	18¾ x 21¾	20 x 25	

Handles 1" and 2" filters, overall height 3¾"

HUS03533	ACE 1420-3	15¾ x 3¾ x 22	12⅞ x 19	14 x 20	
HUS03534	ACE 1620-3	17¾ x 3¾ x 22	14⅞ x 19	16 x 20	
HUS03668	ACE 1625-3	19½ x 3¾ x 25½	17¼ x 20¼	16 x 25	
HUS03535	ACE 2020-3	21¾ x 3¾ x 22	18⅞ x 19	20 x 20	
HUS03536	ACE 2025-3	26¾ x 3¾ x 22 (Door on 26" side)	23⅞ x 19	20 x 25	
HUS03537	ACE 2025-3N	21¾ x 3¾ x 25 (Door on 22" side)	18¾ x 21¾	20 x 25	



LABORSAVER FILTER HOUSINGS SERIES BY MCDANIEL METALS

Available in two sizes (1-3 ton) and (3.5-5 ton). Adjustable filter rack for 1", 2", or 4" thick filters. Uses standard filter sizes. Easy access from both sides, lined with 1" insulation. Embossed heavy-gauge steel construction. Filter positioned on an angle for maximum surface area.

Handles 1", 2", and 4" Filters, overall height 14", 1-5 ton gas bottom return

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIMENSIONS W X H X L	DUCT OPENING W X L	FILTER SIZE	PRICE
HUS03538	LS2832	28½ × 14 × 32	13½ × 26½	20 × 25	
HUS03539	LS2840	28½ × 14 × 40	19 × 26½	24 × 24	
HUS03664	LS2843	28½ × 14 × 43	19 × 26½	24 × 24	
HUS03540	LS2232	22½ × 14 × 32	14½ × 20½	20 × 20	
HUS03541	LS2240	22½ × 14 × 40	20 × 20½	20 × 25	

COUNTERFLOW FILTER HOUSING SERIES BY MCDANIEL METALS

Available in four sizes (1-5 ton). Accommodates standard filter 10 × 20 × 1. Embossed heavy-gauge steel construction, completely insulated. Easy access to filters. Filters positioned on angles for maximum surface area.

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIMENSIONS W X H X L	DUCT OPENING W X L	FILTER SIZE	PRICE
HUS03550	CF1	15¾ × 21¾ × 12	⅞	10 × 20 × 1	
HUS03551	CF2	18¾ × 21¾ × 12	⅞	10 × 20 × 1	
HUS03552	CF3	23¼ × 21¾ × 12	21¼ × 19⅞	10 × 20 × 1	
HUS03553	CF4	27¾ × 21¾ × 12	25¾ × 19⅞	10 × 20 × 1	

HORIZONTAL FILTER HOUSING SERIES BY MCDANIEL METALS

Accommodates standard filter sizes in 1", 2", or 4" thickness. Individually boxed for convenient shipping and warehousing. Completely insulated. HR models are open on one side and blocked off on the other, cut block sided to furnace specs. HRB models are blocked off on both sides, cut to fit furnace specifications and existing plenum.

SERVICEFIRST ITEM NO.	MFG. NO.	OUTSIDE DIMENSIONS W X H X L	DUCT OPENING W X L	FILTER SIZE	PRICE
HUS03546	HR20	6⅝ × 25½ × 22	19¾ × 19	20 × 25	
HUS03547	HR25	6⅝ × 20½ × 27	19 × 19¾	20 × 25	
HUS03548	HRB20	6⅝ × 25½ × 22	Blocked	20 × 25	
HUS03549	HRB25	6⅝ × 20½ × 27	Blocked	20 × 25	

PLENUM DOWNFLOW SUPPLY

Insulated with turning vases, 20 ga. galvanized steel

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PLN00875	DFSP824	8 × 24 Side supply opening, 22" W × 28½" D × 18" H overall dimensions	
PLN00876	DFSP1224	12 × 24 Side supply opening, 26½" W × 28½" D × 18" H overall dimensions	

PLENUMS, TRANSITIONS AND DRAIN PANS BY MCDANIEL METALS

3-ft Plenum, 26 ga. with strengthening beads, 1" liner, insulated

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
1" Liner, insulated			
PLN00856	PLN/001-3	Plenums, 12½ × 19½	
PLN00857	PLN/002-3	Plenums, 12½ × 12½	
PLN00858	PLN/003-3	Plenums, 12 × 24 × 36	
PLN00859	PLN/004-3	Plenums, 15⅝ × 19⅝	
PLN00860	PLN/005-3	Plenums, 19⅞ × 19⅝	
PLN00861	PLN/006-3	Plenums, 19⅝ × 22⅝	
PLN00862	PLN/007-3	Plenums, 20 × 25	
PLN00863	PLN/008-3	Plenums, 24 × 21	
PLN00864	PLN/009-3	Plenums, 33¼ × 21	
PLN00865	PLN/010-3	Plenums, 33¼ × 27	
PLN00953	PLN/011-3	Plenums for Rex Rack, 19½ × 20	
PLN00954	PLN/012-3	Plenums, 13 × 24	
PLN00955	PLN/013-3	Plenums, 16 × 24	
PLN00956	PLN/014-3	Plenums, 22 × 17½	
PLN00957	PLN/015-3	Plenums, 28 × 17½	
PLN00958	PLN/016-3	Plenums, 14 × 12¼	
PLN00959	PLN/017-3	Plenums, 16 × 12¼	
PLN00960	PLN/018-3	Plenums, 19½ × 12¼	
PLN00961	PLN/019-3	Plenums, 21½ × 12¼	
PLN00962	PLN/020-3	Plenums, 22¾ × 20¼	

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
1½" Liner, insulated			
PLN00923	PLN/001T-3	12½ x 19½	
PLN00924	PLN/002T-3	12½ x 21½	
PLN00925	PLN/003T-3	12 x 24	
PLN00926	PLN/004T-3	15 ⁵ / ₈ x 19 ⁵ / ₁₆	
PLN00927	PLN/005T-3	19 ¹ / ₈ x 19 ⁵ / ₈	
PLN00928	PLN/006T-3	19 ⁵ / ₁₆ x 22 ⁵ / ₈	
PLN00929	PLN/007T-3	20 x 25	
PLN00930	PLN/008T-3	24 x 21	
PLN00931	PLN/009T-3	33¼ x 21	
PLN00932	PLN/010T-3	33¼ x 27	
PLN00933	PLN/011T-3	19½ x 20	
PLN00934	PLN/012T-3	13 x 24	
PLN00935	PLN/013T-3	16 x 24	
PLN00937	PLN/015T-3	28 x 17½	
PLN00963	PLN/016T-3	14 x 12¼	
PLN00964	PLN/017T-3	16 x 12¼	
PLN00965	PLN/018T-3	19½ x 12¼	
PLN00966	PLN/019T-3	21½ x 12¼	
PLN00967	PLN/020T-3	22¾ x 20¼	
4-ft Plenum, 26 ga. with strengthening beads			
1" Liner, insulated			
PLN00866	PLN/001-4	12½ x 19½	
PLN00867	PLN/002-4	12½ x 21½	
PLN00868	PLN/003-4	12 x 24	
PLN00869	PLN/004-4	15 ⁵ / ₈ x 19 ⁵ / ₁₆	
PLN00870	PLN/005-4	19 ¹ / ₈ x 19 ⁵ / ₈	
PLN00871	PLN/006-4	19 ⁵ / ₁₆ x 22 ⁵ / ₈	
PLN00872	PLN/008-4	24 x 21	
PLN00873	PLN/009-4	33¼ x 21	
PLN00874	PLN/010-4	33¼ x 27	
PLN00968	PLN/011-4	Plenum for rex rack, 19½ x 20	
PLN00969	PLN/012-4	13 x 24	
PLN00970	PLN/013-4	16 x 24	
PLN00971	PLN/014-4	22 x 17½	
PLN00972	PLN/015-4	28 x 17½	
PLN00973	PLN/016-4	14 x 12¼	
PLN00974	PLN/017-4	16 x 12¼	
PLN00975	PLN/018-4	19½ x 12¼	
PLN00976	PLN/019-4	21½ x 12¼	
PLN00977	PLN/020-4	22¾ x 20¼	
1½" Liner, insulated			
PLN00938	PLN/001T-4	12½ x 19½	
PLN00939	PLN/002T-4	12½ x 21½	
PLN00940	PLN/003T-4	12 x 24	
PLN00941	PLN/004T-4	15 ⁵ / ₈ x 19 ⁵ / ₁₆	
PLN00942	PLN/005T-4	19 ¹ / ₈ x 19 ⁵ / ₈	
PLN00943	PLN/006T-4	19 ⁵ / ₁₆ x 22 ⁵ / ₈	
PLN00944	PLN/007T-3	20 x 25	
PLN00945	PLN/008T-4	24 x 21	
PLN00946	PLN/009T-4	33¼ x 21	
PLN00947	PLN/010T-4	33¼ x 27	
PLN00948	PLN/011T-4	19½ x 20	
PLN00949	PLN/012T-4	13 x 24	
PLN00950	PLN/013T-4	16 x 24	
PLN00951	PLN/014T-4	22 x 17½	
PLN00952	PLN/015T-4	28 x 17½	
PLN00978	PLN/016T-4	14 x 12¼	
PLN00979	PLN/017T-4	16 x 12¼	
PLN00980	PLN/018T-4	19½ x 12¼	
PLN00981	PLN/019T-4	21½ x 12¼	
PLN00982	PLN/020T-4	22¾ x 20¼	
Transitions, 26 ga. with strengthening beads, 1" liner, 18" long			
TRA00001	TRA/001	19 ⁵ / ₈ x 13¼ to 24 x 21	
TRA00002	TRA/002	19 ⁵ / ₈ x 16¼ to 24 x 21	
TRA00003	TRA/003	19¾ x 19¾ to 33¼ x 21	
TRA00004	TRA/004	19¾ x 19¾ to 33¼ x 27	
TRA00005	TRA/005	19¾ x 23¼ to 33¼ x 27	
TRA00006	TRA/006	19 ⁵ / ₈ x 16¼ to 33¼ x 21	
TRA00016	TRA/011	19 ⁵ / ₈ x 13¼ to 33¼ x 21	

Transitions, 26 ga. with strengthening beads, 1 1/2" liner, 18" long

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION
TRA00008	TRA/002T	19 ⁵ / ₈ x 16 ¹ / ₄ to 24 x 21
TRA00009	TRA/003T	19 ³ / ₄ x 19 ³ / ₄ to 33 ¹ / ₄ x 21
TRA00010	TRA/004T	19 ³ / ₄ x 19 ³ / ₄ to 33 ¹ / ₄ x 27
TRA00011	TRA/005T	19 ³ / ₄ x 23 ¹ / ₄ to 33 ¹ / ₄ x 27
TRA00012	TRA/006T	19 ⁵ / ₈ x 16 ¹ / ₄ to 33 ¹ / ₄ x 21
TRA00013	TRA/007T	19 ¹ / ₂ x 13 ¹ / ₄ to 18 ¹ / ₄ x 21 ¹ / ₄
TRA00014	TRA/008T	19 ¹ / ₂ x 13 ¹ / ₄ to 26 ¹ / ₄ x 21 ¹ / ₄
TRA00015	TRA/009T	19 ¹ / ₂ x 16 ¹ / ₄ to 30 ¹ / ₄ x 21 ¹ / ₄
TRA00017	TRA/011T	19 ⁵ / ₈ x 13 ¹ / ₄ to 33 ¹ / ₄ x 21

Drain Pans, heavy-gauge welded, steel nipples

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PAN02211	PAN/001	32 x 36	
PAN02212	PAN/002	32 x 60	
PAN02213	PAN/003	14 x 44	
PAN02343	PAN/004	30 x 66	

Platform, drain pan

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	DUCT OPENING ON EQUIPMENT (W x L)	FOR FILTER	PRICE
BAS01892	HBCP3260	Horizontal furnace or airhandler platform	32 x 60 drain pan w/6" tall furnace stands		
BAS01893	HFCP	Gas furnace/horizontal evaporator platform	35 x 56 platform w/ 24 x 35 drain pan and (3) 6" tall furnace stands		
BAS01894	HFP	Horizontal furnace or airhandler platform	30x48 platform w/6" tall furnace stands		

Plenum, cold air drop
24 ga. galvanized steel

PLN00877	CAD1620	14 x 20 x 40 or 34	18 ¹ / ₂ x 12 ¹ / ₂	16x20 (two filters)
PLN00878	CAD1625	14 x 25 x 40 or 34	23 ¹ / ₂ x 12 ¹ / ₂	16x25 (two filters)

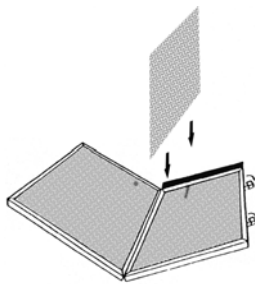
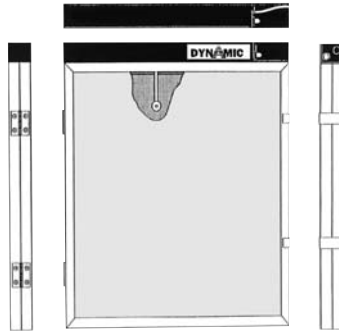
Plenum, return air (without filter frame)

PLN00919	RAP162524	16 x 25 x 24
PLN00920	RAP162536	16 x 25 x 36
PLN00921	RAP202524	20 x 25 x 24
PLN00922	RAP202536	20 x 25 x 36

HEATER STANDS BY MCDANIEL METALS
Stands, heater, 20 ga. galvanized steel

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BAS01788	HS930	20 ga. galvanized steel, 9 x 30	
BAS01789	HS630	20 ga. galvanized steel, 6 x 30	

Indoor Air Quality



AIR CLEANERS BY DYNAMIC (ELECTROSTATIC POLARIZATION)

Dynamic Air Cleaners are the next generation of air-cleaning technology. They employ a revolutionary and patented process that has proven itself in commercial, industrial, and medical facilities. Now available for residential applications. Dynamic Air Cleaners will remove the sub-micron particles that other filters miss. Effectively remove allergens, such as pollen, molds, and dust. Become more effective as they load. Keep your entire home cleaner. Easy and economical to maintain.

Electrical Specifications

Main Supply: 120 VAC/60 Hz 220 VAC/50 Hz

Onboard Voltage: 24 volts AC supplied by external transformer

High Voltage Electrode: 6 KV supplied by dynamic power supply

1" Panel Filters, carbon, 24 volt

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
FLR01814	1P1224C24	12" x 24" x 1"	
FLR01826	1P1420C24	14" x 20" x 1"	
FLR01782	1P1425C24	14" x 25" x 1"	
FLR01821	1P1430C24	14" x 30" x 1"	
FLR01817	1P1520C24	15" x 20" x 1"	
FLR01819	1P1616C24	16" x 16" 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"	
FLR01823	1P1630C24	16" x 30" x 1"	
FLR01818	1P1818C24	18" x 18" x 1"	
FLR01820	1P1820C24	18" x 20" x 1"	
FLR01822	1P1824C24	18" x 24" x 1"	
FLR01787	1P2020C24	20" x 20" x 1"	
FLR01816	1P2024C24	20" x 24" x 1"	
FLR01784	1P2025C24	20" x 25" x 1"	
FLR01825	1P2030C24	20" x 30" x 1"	
FLR01785	1P2424C24	24" x 24" x 1"	

2" Panel Filters, carbon, 24 volt

FLR02784	2P1616C24	16" x 16" x 2"	
FLR02755	2P1620C24	16" x 20" x 2"	
FLR01889	2P1625C24	16" x 25" x 2"	
FLR02786	2P1818C24	18" x 18" x 2"	
FLR02760	2P2020C24	20" x 20" x 2"	
FLR02627	2P2024C24	20" x 24" x 2"	
FLR01934	2P2025C24	20" x 25" x 2"	
FLR01947	2P2424C24	24" x 24" x 2"	

2" Tandem Panel Filters, carbon, 24 volt

FLR02729	2P1620C24T	16" x 20" x 2"	
FLR01998	2P1625C24T	16" x 25" x 2"	
FLR01887	2P2016C24T	20" x 16" x 2"	
FLR01995	2P2020C24T	20" x 20" x 2"	
FLR01999	2P2025C24T	20" x 25" x 2"	
FLR02785	2P2520C24T	25" x 20" x 2"	

Carbon Media 3-pack

FLR01788	C3P1224	12" x 24"	
FLR01770	C3P1425	14" x 25"	
FLR01795	C3P1430	14" x 30"	
FLR01791	C3P1520	15" x 20"	
FLR01793	C3P1616	16" x 16"	
FLR01774	C3P1620	16" x 20"	
FLR01798	C3P1621	16" x 21"	
FLR01789	C3P1624	16" x 24"	
FLR01771	C3P1625	16" x 25"	
FLR01797	C3P1630	16" x 30"	
FLR01792	C3P1818	18" x 18"	
FLR01794	C3P1820	18" x 20"	
FLR01796	C3P1824	18" x 24"	
FLR01951	C3P2016	20" x 16"	
FLR01775	C3P2020	20" x 20"	
FLR01790	C3P2024	20" x 24"	

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
FLR01772	C3P2025	20" x 25"	
FLR01799	C3P2030	20" x 30"	
FLR01773	C3P2424	24" x 24"	
FLR01930	C3P2520	25" x 20"	
Carbon Media 24-pack			
FLR01801	C24P1224	12" x 24"	
FLR01813	C24P1420	14" x 20"	
FLR01776	C24P1425	14" x 25"	
FLR01808	C24P1430	14" x 30"	
FLR01804	C24P1520	15" x 20"	
FLR01806	C24P1616	16" x 16"	
FLR01780	C24P1620	16" x 20"	
FLR01811	C24P1621	16" x 21"	
FLR01802	C24P1624	16" x 24"	
FLR01777	C24P1625	16" x 25"	
FLR01810	C24P1630	16" x 30"	
FLR01805	C24P1818	18" x 18"	
FLR01807	C24P1820	18" x 20"	
FLR01809	C24P1824	18" x 24"	
FLR01952	C24P2016	20" x 16"	
FLR01781	C24P2020	20" x 20"	
FLR01803	C24P2024	20" x 24"	
FLR01778	C24P2025	20" x 25"	
FLR01812	C24P2030	20" x 30"	
FLR01779	C24P2424	24" x 24"	
FLR01978	C24P2520	25" x 20"	
Console Units			
FLR01831	CT100	Console unit, 125 CFM, 110/220/240 Volt, teak	
FLR01833	CT500B	Console unit, 500 CFM, 110/220/240 Volt, black	
FLR01834	CT500T	Console unit, 500 CFM, 110/220/240 Volt, teak	
FLR01832	C3PCT100	Carbon media for CT100, 3-pack	
FLR01836	C24PCT100	Carbon media for CT100, 24-pack	
FLR01837	C3PCT500	Carbon media for CT500, 3-pack	
FLR01835	C24PCT500	Carbon media for CT500, 24-pack	
Overhead Units			
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
FLR01827	OH1010R	Overhead unit with remote, 750 CFM, 110/220/240 Volt	
FLR01828	OH1010B	Overhead unit with OB, 750 CFM, 110/220/240 Volt	
FLR01829	C3POH10	Carbon media for OH1010, 3-pack	
FLR01830	C24POH10	Carbon media for OH1010, 24-pack	
SWT02084	OHREM	Remote for OH1010	
Accessories			
TRR01302	A412402	Transformer, wall	
TRR01597	CT24VSTD	Transformer, control 110V/24, w/power filter indicator	
PNL10833	PC-480	Panel, control with 110V/24V transformer, light and on/off switch	
PNL13001	PC-220	Panel, control with 220V/24V transformer, light and on/off switch	
TRR01775	CP-220-50	Transformer, for Dynamic Air Cleaner, 50VA	
TOL01382	24VPWRPKS	Powerhead, 24 volt for 1" and 2" panels	
Demonstration Unit (1101)			
DSP00016	SMDU	Display, smoke box demo unit	
FLR03352	C10PSMB	Filter, carbon media for demo smoke box, 10 pack	
Dynamic Air Cleaner Panels for Trion Air Bear, Honeywell, and Spaceguard (1104)			
FLR02983	1RF2025C24	Filter, 20 x 25 x 1 carbon 24 volt panel, retrofit for Honeywell HWF50F1065, Air Bear, etc.	
FLR02984	1RF1625C24	Filter, 16 x 25 x 1 carbon 24 volt panel, retrofit for Honeywell HWF50F1073, Air Bear, etc.	
FLR03395	1RF2024.25C24	Filter, 20 x 24 1/4 x 1 carbon 24 volt panel, retrofit for Air Bear	
FLR02985	1SG1728.25C24	Filter, 17 x 28 1/4 x 1 carbon 24 volt panel, retrofit for Spaceguard Model 2400	
FLR02986	1SG21.525.5C24	Filter, 21 1/2 x 25 1/2 x 1 carbon 24 volt panel, retrofit for Spaceguard Model 2200	



ELECTRONIC AIR CLEANERS SST SERIES BY WHITE-RODGERS

Compact, lightweight twin cells provide air-cleaning efficiency and help remove lint, dust, pollen, cigarette and cooking smoke. 120V models include air flow monitor switch. Four sizes. Twin 5" deep collecting cells. Twin pre-filters. Snap-in solid-state power supply. 20 watts power consumption. LED operating indicator light. On/off switch. Baked enamel finish. UL listed and C.S.A. certified.

SERVICEFIRST ITEM NO.	MFG. NO.	CFM RANGE	TONNAGE	BTU INPUT RANGE	POWER REQUIREMENTS	PRICE
FLR01410	10C26S-010	600-1200	1.5 to 3.0 A/C	60,000 to 120,000	120VAC	
FLR01411	10C27S-010	600-1200	1.5 to 3.0 A/C	60,000 to 120,000	240VAC	
FLR01412	14C26S-010	1000-1600	2.5 to 4.0 A/C	100,000 to 160,000	120VAC	
FLR01413	14C27S-010	1000-1600	2.5 to 4.0 A/C	100,000 to 160,000	240VAC	
FLR01414	16C28S-010	1000-2000	2.5 to 5.0 A/C	100,000 to 200,000	120VAC	
FLR01415	20C26S-010	1600-2200	4.0 to 5.5 A/C	160,000 to 220,000	120VAC	
FLR01416	20C27S-010	1600-2200	4.0 to 5.5 A/C	160,000 to 220,000	240VAC	

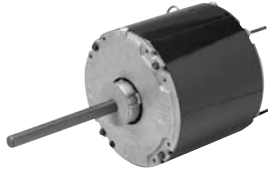
HVAC Maintenance



HVAC SYSTEM CONTAMINATION CONTROL BY SERVICEFIRST

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
CHM00044	Oxiner (AD), Air duct sanitizer, 3.25 oz	
CHM00045	Oxine (AD), Air duct sanitizer, 16 oz	
CHM00046	EnviroCon, HVAC bacteriostatic deodorizer, scented, 32 oz with sprayer	
CHM00047	EnviroCon, HVAC bacteriostatic deodorizer, unscented, 32 oz with sprayer	
CHM00048	EnviroCon, HVAC bacteriostatic deodorizer, scented, 1 gal bottle	
CHM00049	EnviroCon, HVAC bacteriostatic deodorizer, unscented, 1 gal bottle	
CHM00060	EnviroCon, HVAC bacteriostatic deodorizer, scented, 5 gal bottle	
CHM00061	EnviroCon, HVAC bacteriostatic deodorizer, unscented, 5 gal bottle	
CHM00062	EnviroCon, HVAC bacteriostatic deodorizer, scented, 30 gal container	
CHM00063	EnviroCon, HVAC bacteriostatic deodorizer, unscented,	
CHM00064	EnviroCon, HVAC bacteriostatic deodorizer, scented, 50 gal drum	
CHM00065	EnviroCon, HVAC bacteriostatic deodorizer, unscented, 50 gal drum	
TOL00201	Fogger applicator	
PAI00202	Portersept® with Intersept®, 1 gal can	
PAI00203	Portersept with Intersept, 5 gal can	

Motors



EMERSON WHOLESALE MOTORS

Condenser Motors Permanent Split Capacitor Motors Totally Enclosed, Air Over 5.6" Diameter

600°C ambient design, all-angle thrust system, Class B insulation, designed for 370V capacitors, extended studs, 30" leads, hubless lead end, drain holes both ends, reversible, automatic thermal-overload protector, and continuous air over.

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06035	1871	1/10 HP, 208-230 volts	825	
MOT06036	1872	1/8 HP, 208-230 volts	825	
MOT06037	1873	1/6 HP, 208-230 volts	825	
MOT10142	8673	1/6 HP, 208-230 volts	825/2	
MOT10143	1859	1/6 HP, 208-230 volts	1075	
MOT10144	3735	1/6 HP, 460 volts	1075	
MOT06039	1874	1/4 HP, 208-230 volts	825	
MOT10145	1880	1/4 HP, 460 volts	825	
MOT10146	8674	1/4 HP, 208-230 volts	825/2	
MOT06038	1860	1/4 HP, 208-230 volts	1075	
MOT10147	1876	1/4 HP, 208-230 volts	1075	
MOT10148	3736	1/4 HP, 460 volts	1075	
MOT06043	8669	1/4 HP, 208-230 volts	1075/2	
MOT10149	1890	1/4 HP, 208-230 volts	1625	
MOT10067	1875	1/3 HP, 208-230 volts	825	
MOT10150	1881	1/3 HP, 460 volts	825	
MOT10151	8675	1/3 HP, 208-230 volts	825/2	
MOT06040	1861	1/3 HP, 208-230 volts	1075	
MOT10152	1877	1/3 HP, 208-230 volts	1075	
MOT10153	3737	1/3 HP, 460 volts	1075	
MOT06045	8670	1/3 HP, 208-230 volts	1075/2	
MOT10154	1891	1/3 HP, 208-230 volts	1625	
MOT10155	1882	1/2 HP, 460 volts	825	
MOT06041	1862	1/2 HP, 208-230 volts	825	
MOT10156	1878	1/2 HP, 208-230 volts	1075	
MOT10157	3738	1/2 HP, 460 volts	1075	
MOT06047	8671	1/2 HP, 208-230 volts	1075/2	
MOT10158	1892	1/2 HP, 208-230 volts	1625	
MOT06042	1868	3/4 HP, 208-230 volts	1075	
MOT10159	1879	3/4 HP, 208-230 volts	1075	
MOT10160	3742	3/4 HP, 460 volts	1075	

Open drip-proof 5.6" diameter

High-efficiency, 60Hz, capacitor mounting holes in frame band, continuous duty, air over, water slinger, designed for 370V capacitors, automatic thermal overload protector, sleeve bearings have all-angle thrust system, green ground lead, reversible, Class B insulation, extended studs are 8-32 unless otherwise noted, 30" leads, double flats on shaft, and enclosed end shield at shaft end.

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06000	8661	1/6 HP, 208-230 volts	1075	
MOT06003	8666	1/4 HP, 230 volts	825	
MOT06002	3851	1/4 HP, 208-230 volts	1075	
MOT06013	8302	1/4 HP, 230 volts	1075/2	
MOT06005	1443	1/3 HP, 230 volts	1075	
MOT06006	8667	1/3 HP, 230 volts	825	
MOT06007	6880	1/3 HP, 208-230 volts	1075	
MOT06014	8301	1/3 HP, 230 volts	1075/2	
MOT06009	3852	1/2 HP, 208-230 volts	1075	
MOT06010	1444	1/2 HP, 230 volts	1075	
MOT06015	8348	1/2 HP, 230 volts	1075/2	
MOT06016	9393	1/2 HP, 230 volts	1075/2	
MOT06012	3097	3/4 HP, 208-230 volts	1075	
MOT06011	8665	3/4 HP, 230 volts	1075	

Resilient base, shaft up or horizontal, with capacitor—single speed

High-efficiency, 60Hz, capacitor mounting holes in frame band, continuous duty, air over, water slinger, designed for 370V capacitors, automatic overload protector, sleeve bearings have all-angle thrust system, green ground lead, reversible, Class B insulation, extended studs are 8-32 unless otherwise noted, 20" or 30" leads, double flats on shaft, and enclosed end shield at shaft end.

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06017	3846	¼ HP, 230 volts	1075	
MOT06018	4811	⅓ HP, 230 volts	1625	
MOT06019	4961	⅓ HP, 230 volts	1625	
MOT06020	3847	⅓ HP, 230 volts	1075	
MOT06021	4960	⅓ HP, 230 volts	1075	
MOT06022	3849	⅓ HP, 230 volts	825	
MOT06023	3848	½ HP, 230 volts	1075	
MOT06024	7025	½ HP, 230 volts	1075	

Hub ring mount (2¼"), shaft up or horizontal, without capacitor—single speed

MOT06025	8042	⅓ HP, 115 volts	825	
MOT06026	5345	⅓ HP, 230 volts	825	
MOT06027	7040	⅓ HP, 208-230 volts	825	
MOT06028	7041	½ HP, 230 volts	825	

SHADED POLE**Open Drip-proof 5.0" diameter
Resilient base—Single Speed**

36" leads, mechanically reversible, sleeve bearings have all-angle thrust, BX connector, CW lead end, Class B insulation, continuous duty, air over, automatic thermal overload protector, connection instructions included in nameplate data, and green ground lead.

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06029	723	⅓ HP, 115 volts	1550	
MOT06030	721	⅓ HP, 230 volts	1550	
MOT06031	724	⅓ HP, 115 volts	1550	
MOT06032	722	⅓ HP, 230 volts	1550	

COMMERCIAL CONDENSER FAN**Permanent Split Capacitor
Totally Enclosed****5.6" Diameter—Hub Ring Mount (2¼")**

Capacitor and outlet box included, unless noted, reversible shaft rotation, double-sealed ball bearing, continuous duty, air over, 400°C ambient, dual voltage, Class B insulation, and automatic thermal overload protector.

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06060	6838	¼ HP, 208-230/460 volts	1075	
MOT06061	6727	⅓ HP, 208-230/460 volts	1075	
MOT06062	7475	½ HP, 208-230/460 volts	1075	
MOT10161	2201	½ HP, 208-230/460 volts	1075	
MOT10162	2202	¾ HP, 208-230/460 volts	1075	
MOT06064	6603	¾ HP, 208-230/460 volts	1075	
MOT06063	5489	¾ HP, 208-230/460 volts	1075	

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
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6.3" Diameter—Stud mount (4) Shaft side (5⁄8")

MOT06067	3568	½ HP, 208-230 volts	825	
MOT06068	3566	¾ HP, 208-230 volts	1075	
MOT06069	3567	¾ HP, 208-230 volts	825	
MOT06070	3565	1 HP, 208-230 volts	1075	
MOT10163	2203	1 HP, 208-230/460 volts	1075	
MOT10164	2204	1½ HP, 208-230/460 volts	1075	

6.3" Diameter—Resilient base

MOT06065	2686	1 HP, 208-230/460 volts	1075	
MOT06066	2896	1½ HP, 208-230/460 volts	1075	

THREE PHASE

Three Phase, 6.3" Diameter

Automatic thermal overload protector, reversible shaft rotation, continuous duty, air over, double-sealed ball bearings, dual voltage, and Class B insulation.

Rigid base for belt drive, air over not needed, 400°C ambient rated Open drip-proof—belt drive, quick voltage change device

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06071	1813	1 HP, 208-230/460 volts	1725	
MOT06072	1814	1½ HP, 208-230/460 volts	1725	
MOT06073	1815	2 HP, 208-230/460 volts	1725	

Shaft up condenser fans, 60°C ambient rated

Open drip-proof—belly band mount, flat and keyway on shaft

MOT06074	1816	1 HP, 200-230/460 volts	1140	
MOT06075	1817	¾ HP, 208-230/460 volts	1140	
MOT06076	1818	1 HP, 208-230/460 volts	1140	
MOT06077	1819	1½ HP, 208-230/460 volts	1140	
MOT10165	1828	1 HP, 208-230/460 volts	850	

Open drip-proof—rigid base mount, flat and keyway on shaft

MOT10167	1820	1 HP, 208-230/460 volts	1140	
MOT10168	1821	1½ HP, 208-230/460 volts	1140	
MOT10169	1822	2 HP, 208-230/460 volts	1140	

DOUBLE-SHAFT FAN AND BLOWER

Permanent Split-Capacitor

Open Drip-proof 5.6" Diameter

Automatic thermal overload protector, CCW rotation lead end, sleeve bearings have all-angle thrust system, continuous duty, air over, green ground lead, connection and capacitor information furnished on nameplates, three speed, designed for 370V capacitors, mounting holes in shell for mounting capacitor, when supplied, capacitor and mounting hardware are supplied detached, hub rings are 2¼" diameter, furnished detached, with extra metal outer rings for adapting to 2½" diameter, 20" leads, and Class B insulation.

Hub or stud mount, with capacitor and mounting kit

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06080	1216	⅙ HP, 115 volts	1075/3	
MOT06081	1215	⅙ HP, 230 volts	1075/3	
MOT06097	1221	¼ HP, 230 volts	1550/3	

MOT06083	1887	⅓ HP, 230 volts	1625/3	
MOT06085	1213	⅓ HP, 230 volts	1075/3	
MOT06087	5824	½ HP, 230 volts	1075/3	
MOT06086	1824	½ HP, 230 volts	1075/3	

Hub or stud mount, without capacitor and mounting kit

MOT06088	3133	⅙ HP, 230 volts	1075/3	
MOT06089	3134	¼ HP, 230 volts	1075/3	
MOT06090	3135	⅓ HP, 230 volts	1075/3	
MOT06091	3136	½ HP, 230 volts	1075/3	

Stud mount, without capacitor and mounting kit

MOT06092	8725	¼ HP, 230 volts	1625/3	
MOT06094	8726	⅓ HP, 230 volts	1625/3	

DIRECT-DRIVE FAN AND BLOWER

Open—5.0" Diameter

Reversible, Class A insulation, sleeve-bearings motor have all-angle thrust system, high-efficiency economizer, designed for 370V capacitors, continuous duty, air over, 24" line leads unless otherwise noted, automatic thermal overload protector, and connection and capacitor information furnished in the nameplate data.

Permanent split capacitor, 5.0" dia., stud or hub ring mount (2.5")

3-speed

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT10170	1390	¼ HP, 115 volts, 21" leads	1050/3	
MOT10032	1391	¼ HP, 208-230 volts, 21" leads	1050/3	

4-speed

MOT06107	1268	⅙ HP, 115 volts		
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Rescue Motors

Direct Drive

MOT09985	5460	½ to ⅙ HP, 115 volts	1075/4	
MOT09986	5461	½ to ⅙ HP, 208-230 volts	1075/4	
MOT10274	5470	¾ to ⅙ HP, 115 volts	1075/4	
MOT10275	5471	¾ to ⅙ HP, 208-230 volts	1075/4	



Condenser Fan Motor

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT09987	5462	1/3 to 1/6 HP, 208-230 volts	1075/2	
MOT11099	5464	1/3 to 1/6 HP, 208-230 volts	825/2	
MOT11100	5465	1/2 to 1/2 HP, 208-230 volts	1075/2	

Shaded pole, 5.0" diameter, hub ring mount (2.5")**Single-speed**

MOT06138	1127	1/6 HP, 115 volts, 21" leads	1050	
MOT06139	1631	1/6 HP, 230 volts, 21" leads	1050	

3-speed

MOT06140	985	1/10 HP, 115 volts, 21" leads	1050	
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Open – 5.6" diameter

Stud extensions on popular models, designed for 370V capacitors, Class A insulation, 24" leads, high-efficiency Economizer, continuous duty, air over, sleeve-bearing motors with all-angle thrust system, automatic thermal overload protector, connection and capacitor information furnished in the nameplate data, 2.5" diameter hub rings included, and reversible.

Hub Ring Mount (2.5"), without Capacitor

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06105	8891	1/6 HP, 115 volts	1075/3	
MOT06106	8896	1/6 HP, 208-230 volts	1075/3	
MOT06108	8892	1/4 HP, 115 volts	1075/3	
MOT06109	1863	1/4 HP, 115 volts	1075/3	
MOT10171	1690	1/4 HP, 115 volts	1625/3	
MOT06111	8897	1/4 HP, 208-230 volts	1075/3	
MOT06110	1971	1/4 HP, 208-230 volts	1075/3	
MOT06112	600	1/4 HP, 277 volts	1075/3	
MOT10172	1691	1/4 HP, 208-230 volts	1625/3	
MOT06113	8893	1/3 HP, 115 volts	1075/3	
MOT06114	1864	1/3 HP, 115 volts	1075/3	
MOT10173	1692	1/3 HP, 115 volts	1625/3	
MOT06116	8898	1/3 HP, 208-230 volts	1075/3	
MOT06115	1972	1/3 HP, 208-230 volts	1075/3	
MOT06117	601	1/3 HP, 277 volts	1075/3	
MOT10174	1693	1/3 HP, 208-230 volts	1625/3	
MOT06118	8894	1/2 HP, 115 volts	1075/3	
MOT06119	1865	1/2 HP, 115 volts	1625/3	
MOT10175	1694	1/2 HP, 115 volts	1075/3	
MOT06121	8899	1/2 HP, 208-230 volts	1075/3	
MOT06120	1973	1/2 HP, 208-230 volts	1075/3	
MOT06122	602	1/2 HP, 277 volts	1075/3	
MOT10176	1695	1/2 HP, 208-230 volts	1625/3	
MOT10177	1696	3/4 HP, 115 volts	1625/3	
MOT10178	1697	3/4 HP, 208-230 volts	1075/3	
MOT06123	8895	3/4 HP, 115 volts	1075/3	
MOT06124	8900	3/4 HP, 208-230 volts	1075/3	
MOT09415	8904	3/4 HP, 115 volts	1075/3	
MOT09416	8905	3/4 HP, 208-230 volts	1075/3	
MOT10179	8906	1 HP, 115 volts	1075/3	
MOT10180	8907	1 HP, 208-230 volts	1075/3	

Stud or hub ring mount (2.5") with capacitor

Reversible, class A insulation, sleeve-bearing motors have all-angle thrust system, continuous duty, air over, designed for 370V capacitors, 24" line leads unless otherwise noted, automatic thermal overload protector, connection and capacitor information furnished in the nameplate data, when furnished, the capacitor and its mounting hardware is supplied detached, and 2.5" diameter hub rings included.

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
Single-speed				
MOT06125	6873	1/3 HP, 208-230 volts	825	
2-speed				
MOT06126	3183	1/2 HP, 208-230 volts	825/2	
3-speed				
MOT10181	1222	1/4 HP, 115 volts	1075/3	
MOT06128	2482	1/3 HP, 115 volts	1075/3	
MOT06129	2483	1/3 HP, 208-230 volts	1075/3	
MOT06130	3235	1/2 HP, 115 volts	1075/3	
MOT06131	6612	1/2 HP, 208-230 volts	1075/3	

4-Speed				
SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06132	3741	¼ HP, 115 volts	1075/4	
MOT10182	1223	⅓ HP, 115 volts	1075/4	
MOT06133	3843	⅓ HP, 115 volts	1075/4	
MOT10183	1224	½ HP, 115 volts	1075/4	
MOT06135	3844	½ HP, 115 volts	1075/4	
MOT06134	807	½ HP, 115 volts	1075/4	
MOT06136	7023	¾ HP, 115 volts	1075/4	
MOT06137	3845	¾ HP, 208-230 volts	1075/4	

Split phase 6.3" diameter

Continuous duty, NEMA dimensions, reversible rotation by easy reconnection, Class A insulation, suitable for all-position mounting, threaded conduit hole, 5/8" shaft adapter furnished with all ½" shaft diameter motors, with terminal-cover gasket, 1.0 service factor, and automatic thermal overload protector.

Resilient base, totally enclosed, air over
Single-speed

MOT10184	6326	¼ HP, 115 volts	1725	
MOT10185	6328	⅓ HP, 115 volts	1725	
MOT10186	6330	½ HP, 115 volts	1725	

C-face NEMA mount, open drip-proof

MOT10187	1204	1/12 HP, 115 volts	850	
MOT10188	1205	1/8 HP, 115 volts	850	
MOT10189	1206	1/6 HP, 115 volts	850	
MOT10190	1207	¼ HP, 115 volts	850	
MOT10191	1208	⅓ HP, 115 volts	850	

Open – 5.0" Diameter.

Reversible, Class A insulation, sleeve-bearing motors have all-angle thrust system, high-efficiency economizer, designed for 370V capacitors, continuous duty, air over, 24" line leads unless otherwise noted, automatic thermal overload protector, and conn.

Permanent split-capacitor, 5.0" dia., stud or hub ring mount (2.5") Multi-horsepower

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT09985	5460	½ to 1/6 HP, 115 volts		
MOT09986	5461	½ to 1/6 HP, 208-230 volts, diameter 5.6", amps 3.6, Wt. 16 lbs.	1075/4	
MOT10274	5470	¾ to 1/6 HP, 115 volts, diameter 5.6"	1075/4	
MOT10275	5471	¾ to 1/6 HP, 208/230 volts, diameter 5.6"	1075/4	

UNIT HEATER FAN 5.6" AND 6.3" DIA.
Permanent Split-Capacitor Totally Enclosed 5.6" and 6.3" Diameter

Continuous duty, air over, reversible motors are easily reversed with quick-connects or reversing plug, 2½" diameter hub rings when furnished, automatic thermal overload protector, green ground lead, 48 frame has 8-32 mounting studs, 56 frames have 10-32, 370V capacitor is furnished, leads are SJO cord, and extended mounting studs.

Stud Mount, 5.6" Diameter
Single-speed

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06195	9034	1/6 HP, 115 volts	1075	
MOT06196	9035	¼ HP, 115 volts	1075	
MOT06197	9036	⅓ HP, 115 volts	1075	

2-Speed

MOT06198	4856	1/6 HP, 115 volts	1075/2	
MOT06200	4855	⅓ HP, 230 volts	1075/2	

Resilient Base, 6.3" Diameter
2-Speed

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06201	1810	½ HP, 230 volts	1075/2	
MOT06202	1811	¾ HP, 230 volts	1075/2	

BELTED FAN AND BLOWER—OPEN DRIP-PROOF**Split phase
Open drip-proof—resilient base**

Class A insulation (except otherwise noted), with threaded conduit hole, NEMA dimensions, reversible rotation by easy reconnection, automatic thermal overload protector.

Single-speed (NEMA 48 frame)

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06141	839	1/6 HP, 115 volts	1725	
MOT06144	8000	1/4 HP, 115 volts	1725	
MOT10247	840CV	1/4 HP, 115 volts	1725	
MOT06142	936	1/4 HP, 115 volts	1725	
MOT06145	2889	1/4 HP, 115 volts	1725	
MOT06149	8100	1/3 HP, 115 volts	1725	
MOT10248	841CV	1/3 HP, 115 volts	1725	
MOT06147	937	1/3 HP, 115 volts	1725	
MOT06150	2888	1/3 HP, 115 volts	1725	
MOT06151	8412	1/3 HP, 230 volts	1725	
MOT06153	8200	1/2 HP, 115 volts	1725	
MOT06152	1542C	1/2 HP, 115 volts	1725	
MOT06154	2887	1/2 HP, 115 volts	1725	
MOT06155	2695	1/2 HP, 115/230 volts	1725	

2-speed (NEMA 48 frame)

MOT06157	1786	1/3 HP, 115 volts	1725/1140	
MOT06158	1789	1/3 HP, 230 volts	1725/1140	

Single-speed (NEMA 56 frame)

MOT06162	4253	1/3 HP, 115 volts	1725	
MOT06164	3957	1/2 HP, 115 volts	1725	
MOT06166	4114	1/2 HP, 115/230 volts	1725	
MOT06167	3958	3/4 HP, 115 volts, class B insulation	1725	
MOT06168	4115	3/4 HP, 115/230 volts, class B insulation	1725	

2-speed (NEMA 56 frame)

MOT10192	5792C	1/4 HP, 115 volts	1725/1140	
MOT10193	5793C	1/3 HP, 115 volts	1725/1140	
MOT10194	5794C	1/2 HP, 115 volts	1725/1140	
MOT06169	4293	1/2 HP, 115 volts	1725/1140	
MOT06170	4293H	1/2 HP, 230 volts	1725/1140	
MOT10195	5795C	3/4 HP, 115 volts	1725/1140	

Single-speed (NEMA 48/56 frame)

48 frame diameter motor on NEMA 56 base, includes shaft adapter for conversion to 5/8" shaft, 3 1/2" shaft height, reversible.

MOT06171	1194	1/4 HP, 115 volts	1725	
MOT06172	1193	1/3 HP, 115 volts	1725	

Single-speed, dual base

48 frame diameter motor supplied with both 56 and 48 frame bases, includes shaft adapter for conversion to 5/8" shaft, reversible.

MOT06173	2758	1/4 HP, 115 volts	1725	
MOT06174	2759	1/3 HP, 115 volts	1725	
MOT06175	3022	1/2 HP, 115/230 volts	1725	

Single-speed, EZ-fit, base not included

Extra long hub with sliding hub ring at terminal end. Adjusts to most base lengths, includes shaft adapter for conversion to 5/8" shaft, and additional expanding metal outer rings allow fit to either 2 1/4" for 2 1/2" diameter mounting.

MOT06178	3863	1/4 HP, 115 volts	1725	
MOT06179	3864	1/3 HP, 115 volts	1725	
MOT06180	3865	1/2 HP, 115 volts	1725	

Capacitor Start**Open drip-proof—resilient base—single-speed**

400°C ambient, NEMA dimensions, Class A insulation, reversible rotation by easy reconnection, suitable for all-angle operation, automatic thermal overload protector, NEMA service factors, threaded conduit hole (except 299), and dual voltage easily changed by reconnection.

MOT06181	179	1/4 HP, 115 volts	1725	
MOT06182	180	1/3 HP, 115/208-230 volts	1725	
MOT06183	298	1/2 HP, 115/208-230 volts	3450	
MOT06184	1790	1/2 HP, 115/208-230 volts	1725	
MOT06185	430	3/4 HP, 115/208-230 volts	3450	
MOT06186	1893	3/4 HP, 115/208-230 volts	1725	
MOT06187	431	1 HP, 115/208-230 volts	3450	
MOT10196	3187C	1 HP, 115/230 volts	1725	

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06188	1769	1 HP, 115/208-230 volts	1725	
MOT06189	299	1½ HP, 115/230 volts	3450	
MOT06190	4242	1½ HP, 115/208-230 volts	1725	

OIL BURNER—SPLIT PHASE

Totally Enclosed When Mounted

400°C ambient, NEMA dimensions, 20" leads, located at 3 o'clock viewed from end opposite shaft, 1.0 service factor, reversible rotation, except as noted, Class A insulation, 56N frame has 2 holes and screws for mounting outlet box, manual-reset thermal overload protector, 56N flange is totally enclosed, 48N and 48N flange are ventilated, and all-angle sleeve bearing.

OEM direct replacement Beckett, Carlin, Ducane, Wayne Home

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06255	5866	½ HP, 115 volts, nonreversible	3450	
MOT10197	2808	½ HP, 115 volts, nonreversible	3450	

Lennox Furnace

MOT06254	3251	½ HP, 115 volts	1725	
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Flange-mounted, totally enclosed, non-ventilated when mounted

Single-speed

MOT06244	1981	½ HP, 115 volts	3450	
MOT06245	2097	½ HP, 115 volts	3450	
MOT06246	3196	½ HP, 115 volts	1725	
MOT06248	3083	½ HP, 115 volts	3450	
MOT10198	3252	½ HP, 115 volts	1725	
MOT06250	2302	¼ HP, 115 volts	3450	
MOT06253	3580	½ HP, 115 volts	1725	
MOT06252	2319	½ HP, 115 volts	3450	

HOT WATER CIRCULATING PUMP

Split Phase-Open Drip-proof

400°C ambient, 2762 and 2777 have special-diameter hub rings to fit existing Bell and Gossett brackets, reversible rotation, resilient hub rings, Class A insulation, special balance for quiet operation, automatic thermal overload protector, all-angles sleeve bearings, and 1.0 service factor, except 2762.

Hub-mounted motors to fit existing bases

Single-speed

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06336	3640	½ HP, 115 volts	1725	
MOT06337	3740	½ HP, 115 volts	1725	
MOT06339	2777	½ HP, 115 volts	1725	
MOT06338	2762	½ HP, 115 volts	1725	

Red motor with bracket to replace Bell and Gossett ½ and ¾ HP motors

Single-speed

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06340	2736	½ HP, 115 volts	1725	

EVAPORATIVE COOLER

Split Phase-6.3" Diameter—Open Drip-Proof

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, and automatic thermal overload protector.

Hub mount

Single-speed

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT10199	7094	½ HP, 115 volts	1725	
MOT10200	6764	½ HP, 115 volts	1725	
MOT10201	7095	½ HP, 115 volts	1725	
MOT10202	6768	½ HP, 115 volts	1725	
MOT10203	6766	½ HP, 230 volts	1725	
MOT10204	7096	¾ HP, 115 volts	1725	
MOT10205	6769	¾ HP, 115 volts	1725	
MOT10206	6771	¾ HP, 230 volts	1725	
MOT06207	5149	1 HP, 115/230 volts	1725	

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
2-speed				
MOT10207	7097	1/3 HP, 115 volts	1725/1140	
MOT10208	6767	1/3 HP, 115 volts	1725/1140	
MOT10209	7098	1/2 HP, 115 volts	1725/1140	
MOT10210	6765	1/2 HP, 115 volts	1725/1140	
MOT10211	6795	1/2 HP, 230 volts	1725/1140	
MOT10212	7099	3/4 HP, 115 volts	1725/1140	
MOT10213	6770	3/4 HP, 115 volts	1725/1140	
MOT10214	6796	3/4 HP, 230 volts	1725/1140	
MOT06212	2574	1 HP, 115 volts	1725/1140	
MOT06213	2423	1 HP, 230 volts	1725/1140	

FAN AND BLOWER

3.3" diameter—open, air over—shaded pole

Two-8-32 x 3/4" stud extensions at each end, self-aligning sleeve bearings, quiet and dependable performance, and 20" leads.

Stud mount, (2), both ends

Single-speed

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06223	3807	1/100 HP, 115 volts	1550	
MOT06219	3801	1/100 HP, 115 volts	1550	
MOT06232	3813	1/100 HP, 115 volts	1550	
MOT06225	3808	1/70 HP, 115 volts	1550	
MOT06220	3802	1/70 HP, 115 volts	1550	
MOT06234	3814	1/70 HP, 115 volts	1550	
MOT06227	3809	1/40 HP, 115 volts	1550	
MOT06221	3803	1/40 HP, 115 volts	1550	
MOT06236	3815	1/40 HP, 115 volts	1550	

2-speed, wall furnace, double end shaft

MOT06228	1548	1/20 HP, 115 volts	1550/2	
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2-speed, stud mount, (4), both ends

MOT06229	865	1/30 HP, 115 volts	1550/2	
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3-speed, room A/C, double end shaft, 30" leads

MOT06230	2569	1/15 HP, 115 volts	1550/3	
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UNIT BEARING FAN

Totally enclosed—shaded pole

Permanently lubricated to run for years, very quiet operation, threaded shaft with hub, positive-feed oil system, 6W and under are 60/50 Hz rated, suitable for all-angle operation, 24" cord with molded strain relief, includes vibration-dampener hub washer, speed nut, and 4 mounting screws.

Clockwise, lead end

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06256	102	2W HP, 115 volts	1550	
MOT06257	115	4W HP, 115 volts	1550	
MOT06258	119	5W HP, 115 volts	1550	
MOT06259	117	6W HP, 115 volts	1550	
MOT06260	108	9W HP, 115 volts	1550	
MOT06261	110	9W HP, 230 volts	1550	
MOT06262	112	16W HP, 115 volts	1550	
MOT06263	114	16W HP, 230 volts	1550	
MOT10215	1225	6W HP, 480 volts	1550	
MOT10216	1226	6W HP, 208-240 volts	1550	
MOT10217	1227	6W HP, 277 volts	1550	
MOT10218	1228	5W HP, 208-240 volts	1080-1230	
MOT10219	1229	5W HP, 240-277 volts	1080-1230	

Counter-clockwise, lead end

MOT06264	103	4W HP, 115 volts	1550	
MOT06265	120	5W HP, 115 volts	1550	
MOT06266	116	6W HP, 115 volts	1550	
MOT06267	118	9W HP, 115 volts	1550	
MOT06268	109	9W HP, 230 volts	1550	
MOT06269	111	16W HP, 115 volts	1550	
MOT06270	113	16W HP, 230 volts	1550	

21 FRAME REPLACEMENT

5.0" diameter – open drip-proof – shaded pole

Four motors replace most original 21 frame GE motors, sleeve bearings, holes provided for attaching a BX connector, resilient hub rings, 2¼" diameter, rotation CCW lead end except 1468, 30" leads, dual voltage easily changed by quick connects, Class B insulation, ¾" diameter shafts with ½" adapters, extended thru-bolts, and automatic thermal overload protector. Mounting bracket provided at shaft end: 1. Can be moved on extended-thru bolts to fit existing base. 2. Has mounting holes and bolts to match 21 frame bolt circle for stud-mounting. 3. Can be resilient-mounted, band-mounted, or end-mounted.

Hub mount bracket (2¼")

SERVICEFIRST ITEM NO.	MFG. NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT06240	1468	½ HP, 115/208-230 volts	1550	
MOT06241	1469	⅓ HP, 115/208-230 volts	1550	
MOT06242	1470	¼ HP, 115/208-230 volts	1550	
MOT06243	1471	⅓ HP, 115/208-230 volts	1050	

OEM REPLACEMENT MOTORS

Addison/Sears

PC-29 Mobile Home Packaged A/C

Replaces: 8101-338, K55TXGGP3933, K55GGP3933

7.5 MFD capacitor – not supplied.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOT06271	8231	¾ HP, 230 volts, RPM 1075/3, amps 5.2, dia. 5.6", Wt. 22 lbs.	

Amana

Packaged Terminal Air-Conditioner Blower

Replaces: C6397901, K48HXBLF1001

4.0 MFD capacitor – not supplied.

MOT06272	3034	½ HP, 208-230 volts, diameter 5.0", amps 0.5, RPM 1075/3, Wt. 10 lbs.
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Room A/C

Replaces: K55CLZ6531, K055BSB6196, C63828-06, C64602-06

5.0 MFD capacitor – not supplied.

MOT10220	3035	½ HP, 115 volts, diameter 5.6", amps 0.8, RPM1000/3, Wt 11 lbs.
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Condenser Fan Replaces: D98432-02Q

4.0 MFD capacitor – not supplied.

MOT06283	3033	½ HP, 208-230 volts, diameter 5.6", amps .56, RPM 1200/2, Wt. 10 lbs.
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Arkla

Condenser Fan

Replaces: B14506-261, K55HXGJN3986

12.5 MFD capacitor – not supplied.

MOT06274	8075	½ HP, 230 volts, diameter 5.6", amps 3.3, RPM 825, Wt 16 lbs.
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Condenser Fan

Replaces: B14506-261, K55HXGJN3986, OKB1038, K234Z

5.0 MFD capacitor – not supplied.

MOT06273	2342	⅓ HP, 115 volts, diameter 5.6", amps 4.5, RPM 825, Wt. 14 lbs.
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Carrier

Direct Drive Blower

Replaces: 62814-D5, K55HXFBK5867

7.5 MFD capacitor – not supplied.

MOT06279	1410	½ HP, 115 volts, diameter 5.6", amps 5.3, RPM 1075/4, Wt. 16 lbs
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Condenser Fan

Replaces: KA55ESH980, K55KND8471

7.5 MFD capacitor – not supplied.

MOT06278	1553	⅓ HP, 208-230 volts, diameter 5.6", amps 0.9, RPM 825, Wt. 12 lbs.
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Condenser Fan—The Round One
Replaces: X222, OCB1036, D803, Universal #536

5.0 MFD capacitor—*not supplied.*

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOT06282	3225	1/3 HP, 208-230 volts, diameter 5.6", RPM 1075/2, Wt. 14 lbs.	

Condenser Fan
**Replaces: HC37MZ220, F48SG6MA10, HC39VE608, F48SG6MA16,
 HC39ML706, F48SG6MA28, HC37ME720, F48SG6MA37, HC7ML702,
 F48SJ6MA28, P251-5404, FASCO D843**

5.0 MFD capacitor—*not supplied.*

MOT06283	3303	1/4 HP, 208-230 volts, diameter 5.6", amps, 2.5, RPM 1075/2, Wt. 13 lbs.	
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Condenser Fan—The Round One
Replaces: KA55ECD672

5.0 MFD capacitor—*not supplied.*

MOT06280	1545	1/4 HP, 208-230 volts, diameter 5.6", amps 1.4, RPM 1625, Wt. 13 lbs.	
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Condenser Fan
Replaces: HC37GE208, 5KCP39GFR62BAS

5.0 MFD capacitor—*not supplied.*

MOT10221	3400	1/5 HP, 208-230 volts, diameter 5.6", amps 1.2, RPM 825, Wt. 12 lbs.	
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Condenser Fan
Replaces: HC31GE232, 5KCP39BGS162S

5.0 MFD capacitor—*not supplied.*

MOT10222	3401	1/2 HP, 208-230 volts, diameter 5.6", amps 0.7, RPM 1100, Wt. 9 lbs.	
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Condenser Fan
Replaces: HC33GE233, 5KCP39BGS069S

5.0 MFD capacitor—*not supplied.*

MOT10223	3402	1/10 HP, 208-230 volts, diameter 5.6", amps 0.8, RPM 1100, Wt. 11 lbs.	
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Condenser Fan
Replaces: HC39GE237, 5KCP39EGS070S

5.0 MFD capacitor—*not supplied.*

MOT10224	3403	1/4 HP, 208-230 volts, diameter 5.6", amps 1.8, RPM 1100, Wt. 12 lbs.	
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Condenser Fan
Replaces: HC39GE236, 5 KCP39BGS071S

5.0 MFD capacitor—*not supplied.*

MOT10225	3404	1/4 HP, 208-230 volts, diameter 5.6", amps 1.8, RPM 1100, Wt. 12 lbs.	
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Condenser Fan
Replaces: HC33GE208, 5KCP39BGR201BS

5.0 MFD capacitor—*not supplied.*

MOT10226	3405	1/6 HP, 208-230 volts, diameter 5.6", amps 0.8, RPM 1500, Wt. 9 lbs.	
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Condenser Fan
Replaces: Fasco D802, 5KCP39PGH600C5, AOS FEH1056S

10.0 MFD capacitor—*not supplied.*

MOT10227	3320	1/2 HP, 460 volts, diameter 5.6", amps 1.3, RPM 1050, Wt. 13 lbs.	
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Condenser Fan
Replaces: D804, 5KCP39PGC238S

7.5 MFD capacitor—*not supplied.*

MOT10228	3330	1/2 HP, 208-230 volts, diameter 5.6", amps 5.1, RPM 1075, Wt. 20 lbs.	
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Direct Drive Blower
Replaces: D838, HC45SE116, SC435X101, HC435SE116

7.5 MFD capacitor—*not supplied.*

MOT10229	3340	3/4 HP, 115 volts, diameter 5.6", amps 12.1, RPM 1075/4, Wt. 18 lbs.	
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Condenser Fan
Replaces: Fasco D842, HC37VE230
4.0 MFD capacitor—not supplied.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOT10230	3350	1/8 HP, 208-230 volts, diameter 5.6", amps 1.7, RPM 1075, Wt. 12 lbs.	

Room A/C
Replaces: K55HXNT-J-4882, Hc33ZN-042-05
5.0 MFD capacitor supplied and mounted.

MOT10231	3300	1/10 HP, 220 volts, diameter 5.6", amps 0.85, RPM1550/3, Wt. 11 lbs	
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Room A/C
Replaces: D848, HC37MB-730, 51PH124275
3.0 MFD capacitor—not supplied.

MOT10232	3360	1/8 HP, 265-277 volts, diameter 5.6", amps 1.3, RPM 1040/3, Wt. 12 lbs.	
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Copeland
Condenser Fan
Replaces: 050-0242-00, 050-0103-00, F48NY741

MOT06284	1527	1/8 HP, 230 volts, diameter 5.0", amps 2.8, RPM 1550, Wt. 13 lbs.	
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Condenser Fan—Head Cooling
Replaces: 050-0167-002F48BGP1092, 5KSP29BG5012S, 5KSP21DG2162

MOT06285	1989	1/20 HP, 230 volts, diameter 5.0", amps 1.3, RPM 1550/1300, Wt. 10 lbs.	
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Condenser Fan
Replaces: 050-0238-00, K55BZY1439, 5KCCP39GG-3537S, 050-0107-01
5.0 MFD capacitor included.

MOT06286	6124	1/4 HP, 230 volts, diameter 5.6", amps 2.1, RPM 1550, Wt. 13 lbs.	
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Condenser Fan
Replaces: 050-0108-00, K55ECE2645, 050-0018-00
4.0 MFD capacitor included and mounted.

MOT06287	6127	1/8 HP, 230 volts, diameter 5.6", amps 2.4, RPM 1625, Wt. 17 lbs.	
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Condenser Fan
Replaces: 050-0251-00
3.0 MFD capacitor included.

MOT10233	6128	1/8 HP, 208-230 volts, diameter 5.6", amps 1.1, RPM 1550, Wt. 17 lbs.	
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Condenser Fan
Replaces: 050-0250-00
5.0 MFD capacitor included and mounted.

MOT10234	6129	1/4 HP, 208-230 volts, diameter 5.6", amps 1.5, RPM 1625, Wt. 17 lbs.	
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Condenser Fan
Replaces: 050-0250-02
5.0 MFD capacitor included and mounted.

MOT10235	6130	1/4 HP, 575 volts, diameter 5.6", amps 0.7, RPM 1625, Wt. 17 lbs.	
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Cornelius
Food Service-Slurpie Machines
**Replaces: S60JXEKF-5026,M S60JXGEJ-6007, SA55JXJS-5286,
SA55JXCJC-4000**

MOT06288	5401	1/8 HP, 208-230 volts, diameter 5.6", amps 2.2, RPM 1140, Wt. 16 lbs.	
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Fedders
Room A/C
Replaces: S196-58-2, 5KCP39DGA931T

MOT06292	5107	1/4 HP, 208-230 volts, diameter 5.6", amps 1.9, RPM 1075/3, Wt. 13 lbs.	
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Room A/C

Replaces: S199-00011-001, S119-00011-002, K63TXMR1109, 5KCP45PG-133T

10.0 MFD capacitor— not supplied.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOT06291	2328	1/8 HP, 208-230 volts, diameter 6.3", amps 4.0, RPM 1075, Wt. 34 lbs.	

Room A/C

Replaces: K55HXPPF-7385

7.5 MFD, 440V capacitor— not supplied.

MOT10236	7385	1/8 HP, 208-230 volts, diameter 5.6", amps 1.9, RPM 1100/4, Wt. 16 lbs.	
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Hill Refrigeration**Condenser Fan**

Replaces: K55HCN4370, KCP39KG1369S, 3001, 82001, M-Z-008, F112,D801

6.0 MFD capacitor included and mounted.

MOT10237	7232	1/8 HP, 208-230 volts, diameter 5.6", amps 2.9, RPM 1625, Wt. 16 lbs.	
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Hussman**Condenser Fan**

Replaces: 259983, K55HXCTP9963, D890

5.0 MFD capacitor supplied and mounted.

MOT06299	644	1/2 HP, 208-230 volts, diameter 5.6", amps 2.7, RPM 1725, Wt. 15 lbs.	
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Condenser Fan

Replaces: P011-96202, K55NXKWB8574, K55HWR4884, D807

3.0 MFD capacitor supplied and mounted.

MOT06297	1645	1/8 HP, 208-230 volts, diameter 5.6", amps 2.0, RPM 1725, Wt. 13 lbs.	
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Condenser Fan

Replaces: P011-96203, K55HXKWA8573, K55CLN1782

4.0 MFD capacitor supplied and mounted.

MOT06298	1648	1/8 HP, 208-230 volts, diameter 5.6", amps 2.0, RPM 1075, Wt. 13 lbs.	
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ICP**Direct Drive Blower**

Replaces: K55BLW6108, ICP#1008619

10.0 MFD capacitor— not included.

MOT10238	1125	3/4 HP, 115 volts, diameter 5.6", amps 11.9, RPM 900/4, Wt. 20 lbs.	
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Direct Drive Blower

Replaces: 1008415, K55BAR5894

7.5 MFD capacitor— not supplied.

MOT10239	1126	1/8 HP, 115 volts, diameter 5.6", amps 7.2, RPM 1075/3, Wt. 15 lbs.	
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Lennox**Condenser Fan**

Replaces: P-8-8041, K55FCM3264

5.0 MFD capacitor— not supplied.

MOT06300	7994	1/8 HP, 208-230 volts, diameter 5.6", amps 2.2, RPM 1075, Wt. 16 lbs.	
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Condenser Fan

Replaces: P-8-2702, K55BWE1351, KCP39GGA124S

4.0 MFD capacitor— not supplied.

MOT06302	8054	1/4 HP, 230 volts, diameter 5.6", amps 1.9, RPM 1075, Wt. 12 lbs.	
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Direct Drive Blower

Replaces: Lennox 65G5901, KA55HXJAK2549, 5KCP39NGM981AS

15.0 MFD capacitor— not supplied.

MOT10240	8052	1/8 HP, 230 volts, diameter 5.6", amps 1.9, RPM 825/3, Wt. 14 lbs.	
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Condenser Fan
Replaces: P-8-3140, K55BZW1438

5.0 MFD capacitor— not supplied.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOT06303	9993	1/8 HP, 208-230 volts, diameter 5.6", amps 3.0, RPM 1075, Wt. 14 lbs.	

Miller
Direct Drive Blower
Replaces: D156, Universal #326

MOT06302	2166	1/8 HP, 115 volts, diameter 5.6", amps 5.2, RPM 1050, Wt. 10 lbs.
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Rheem
Direct Drive Blower
Replaces: 19572-01, K55GZD4276

7.5 MFD capacitor— not supplied.

MOT06307	591	1/8 HP, 115 volts, diameter 5.6", amps 7.0, RPM 1075/3, Wt. 10 lbs
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Condenser Fan
Replaces: 51-20682, K55MPZ6560

3.0 MFD capacitor— not supplied.

MOT06305	136	1/8 HP, 208-230 volts, diameter 5.6", amps 1.3, RPM 1075, Wt. 10 lbs.
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Condenser Fan
Replaces: 51-20671-01, F55HXCWT1579

5.0 MFD capacitor— not supplied.

MOT06311	3484	1/8 HP, 230 volts, diameter 5.6", amps 1.0, RPM 1075, Wt. 9 lbs.
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Condenser Fan
Replaces: 51-20671-01, 51-20673-01, 51-20674-01, 51-20675-01, 51-20679-01, 51-20680-01, 51-20681-01, 51-20682-01, 51-21826-01, 51-21827-01, 51-21828-01, 51-21829-01, 51-21830-01, 51-21831-01

3.0 MFD capacitor— not supplied (5.0 MFD capacitor acceptable alternate).

MOT06312	5454	1/8 HP, 208-230 volts, diameter 5.6", amps 1.7, RPM 1075, Wt. 11 lbs.
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Condenser Fan
Replaces: 51-20687-01, 51-20688-01, 51-20689-01, 51-20690-01, 51-21836-01, 51-21837-01, 51-21838-01, 51-21839-01, 51-21845-03, 51-23053-11, 51-41315-01, 51-41316-01, 51-41317-01

Reversible 5.0 MFD capacitor— not supplied.

MOT06313	5455	1/8 HP, 208-230 volts, diameter 5.6", amps 2.0, RPM 1075, Wt. 13 lbs.
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Condenser Fan
Replaces: 51-20761-91

5.0 MFD capacitor— not supplied.

MOT06314	5456	1/8 HP, 208-230 volts, diameter 5.6", amps 1.2, RPM 825, Wt. 11 lbs.
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Condenser Fan
Replaces: 51-20760-91, K55MAB4123

7.5 MFD capacitor— not supplied.

MOT06315	5457	1/8 HP, 208-230 volts, diameter 5.6", amps 1.2, RPM825, Wt. 13 lbs.
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Condenser Fan
Replaces: P-8-2702, K55BWE1351, KCP39GGA124S, 541-21854-06

3.0 MFD capacitor— not supplied.

MOT10241	5459	1/15 HP, 208-230 volts, diameter 5.6", amps 0.5, RPM 1050, Wt. 9 lbs.
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Direct Drive Blower
Replaces:K55NMF4760, Rheem 51-22686-01

7.5 MFD capacitor— not supplied.

MOT10242	5451	1/2 HP, 115 volts, diameter 5.6", amps 6.8, RPM 1075/3, Wt. 14 lbs.
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Direct Drive Blower

Replaces: K55PAD4962, Rheem 51-22700-01-51-23017-42, K55BWDRJ7033, ICP HQ1010263EM, 5452, K55HXDRJ0011

15.0 MFD capacitor—not supplied.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOT10243	5463	¾ HP, 115 volts, diameter 5.6", amps 10.6, RPM 1075/4, Wt. 20 lbs.	

Condenser Fan

Replaces: K55JGH2667, Rheem 51-21854-01

3.0 MFD capacitor—not supplied.

MOT10244	5453	¼ HP, 208-230 volts, diameter 5.6", amps 0.7, RPM 1075, Wt. 7 lbs.	
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Condenser Fan

Replaces: 51-21276-01, 51-21276-02, 51-20763-01, 51-2076091, K55MFG6350, K55PAK7253, K55CNW9833

5.0 MFD capacitor—not supplied.

MOT06316	9735	¼ HP, 208-230 volts, diameter 5.6", amps 1.1, RPM, 825, Wt. 11 lbs.	
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Condenser Fan

Replaces: 51-21854-02

3.0 MFD capacitor - not supplied

MOT10245	5450	¼ HP, 208-230 volts, diameter 5.6", amps 7.3, RPM 1075/4, Wt. 17 lbs.	
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Direct Drive Blower

Replaces: 51-23012-41, K055MDA4122

Uses 5.0, 7.5 or 10.0 MFD capacitor—not supplied, eight holes in shell for brackets.

MOT09985	5460	½ to ¼ HP, 115 volts	
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Direct Drive Blower

Replaces: 51-23022-41, K055MNW4335

Uses 5.0, 7.5 or 10.0 MFD capacitor—not supplied, eight holes in shell for brackets.

MOT09986	5461	½ to ¼ HP, 208-230 volts, diameter 5.6", amps 3.6, RPM 1075/4, Wt. 16 lbs.	
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Condenser Fan

Replaces: 51-23053-21, K055PRE5669

Uses 5.0 MFD or 7.5 MFD 370 V capacitor—not supplied, four holes in shell for mounting.

MOT09987	5462	⅓ to ¼ HP, 208-230 volts, diameter 5.6", amps 2.6, RPM 1075, Wt. 15 lbs.	
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Singer**Commercial Fan Coil**

Replaces: EWDQ-5790, K7HY605

5.0 MFD capacitor—not supplied.

MOT06318	1012	¼ HP, 277 volts, diameter 5.0", amps 0.8, RPM 1075/3, Wt. 10 lbs.	
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Whirlpool**Room A/C**

Replaces: 997346, K55HDJ4396, K55RGW7901, K55RHM7916, K55RHP7917, K55KFK8314, K55KFL8315

5.0 MFD capacitor—not supplied.

MOT06324	8558	⅓ HP, 230 volts, diameter 5.6", amps 1.9, RPM 1075/3, Wt. 16 lbs.	
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Whirlpool/Sears**Room A/C**

Replaces: Various

5.0 MFD capacitor—not supplied.

MOT06322	5108	⅓ HP, 230 volts, diameter 5.6", amps 2.3, RPM 1075/3, Wt. 16 lbs.	
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Room A/C

Replaces: RE120, D859, Deco Inside-Out

5.0 MFD capacitor—not supplied.

MOT06319	855	⅓ HP, 230 volts, diameter 5.6", amps 2.0, RPM 1075/3, Wt. 14 lbs.	
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Room A/C
Replaces: RE124, D857, Delco Inside-Out

5.0 MFD capacitor— not supplied.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MOT06320	1142	1/8 HP, 115 volts, diameter 5.6", amps 2.1, RPM 1075/3, Wt. 10 lbs.	

York/Berg Warner
Room A/C
Replaces: 024-20797, K55RKD7948

7.5 MFD capacitor— not supplied.

MOT06326	2554	1/2 HP, 208-230 volts, diameter 5.6", amps 2.4, RPM 1075, Wt. 18 lbs.	
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Condenser Fan
Replaces: F47BGM927, D1041, S2091

5.0 MFD capacitor— not supplied.

MOT06325	1124	1/8 HP, 208-230 volts, diameter 5.0", amps 1.3, RPM 1075, Wt. 12 lbs.	
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**AMC Wizard, Chrysler, Coldspot, Emerson Quietkool, Gibson,
Hotpoint, Kelvinator, Penncrest, Philco**
Room A/C

5.0 MFD capacitor— not supplied.

MOT06328	7024	1/8 HP, 230 volts, diameter 5.6", amps 2.7, RPM 1365/3, Wt. 8 lbs.	
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Arvin, Bohn, Coleman
Direct Drive Blower
Replaces: 391, D151, A6262, 5002-M 3400A312

7.5 MFD capacitor— not supplied.

MOT10032	1391	1/4 HP, 208-230 volts, diameter 5.0", amps 1.5, RPM 1050/3, Wt. 12 lbs.	
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Carrier, Coleman, Freidrich, Gaffers and Sattler, Rheem, York
Condenser Fan

5.0 MFD capacitor— not supplied.

MOT06331	8008	1/8 HP, 230 volts, diameter 5.6", amps 2.2, RPM 1075/2, Wt. 13 lbs.	
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Condenser Fan

5.0 MFD capacitor— not supplied.

MOT06332	8009	1/4 HP, 230 volts, diameter 5.6", amps 2.0, RPM 1075/2, Wt. 13 lbs.	
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Day and Night, Rheem, Weatherking, Addison
Condenser Fan
**Replaces: 8101-193, 8101-279, 19906-01-01, 18471-01-05, 05-1198,
F55BWM1119, K55EBC2608, F54CKY1397, 55CDR1259, F55CSH1352,
K55ERC3004**

5.0 MFD capacitor— not supplied.

MOT06333	8537	1/8 to 1/8 HP, 230 volts, diameter 5.6", amps 1.4/0.8, RPM 1075/2, Wt. 13 lbs.	
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Gibson, Kelvinator
Room A/C
Replaces: RE167, D854, OBL1034

5.0 MFD capacitor— not supplied.

MOT06293	3228	1/8 HP, 208-230 volts, diameter 5.6", amps 2.4, RPM 1365/3, Wt. 14 lbs.	
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Gibson-Belding, Kelvinator
Room A/C
Replaces: RE133, 80431

5.0 MFD capacitor included and mounted.

MOT06334	1152	1/8 HP, 230 volts, diameter 5.6", amps 1.4, RPM 1075/3, Wt. 13 lbs.	
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ACCESSORIES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT02400	1	Shaft conversion set. Each set includes 1 shaft adapter and 1 key (converts 1/2" shaft to 5/8" key)	
KIT02401	9	Hub ring set—2 1/4" diameter (2 per set).	
KIT02402	10	Hub ring set—2 1/2" diameter (2 per set).	
KIT02403	52	Base clamp mounting hardware—2 1/2" diameter. Each set includes all hardware for one motor.	
KIT02405	13	Belly band mount adjustable ear mount for 4.8" and 5.6" diameter motor (expanding ring type).	
KIT02406	25	Belly band mount adjustable ear mount for 5.6" diameter motor (double wire type).	
KIT02408	55	8 1/2" long 8 x 32 thread stator studs and nuts.	
KIT02410	56	NEMA 56C flange.	
KIT02411	16	Direct drive blower mounting ring set—double wire type. Each set includes motor support ring, 3 rubber mounting bushings with sleeves and mounting screws. For 4.8" diameter motor—99/32" blower mount dia.	
KIT02412	17	For 5.6" diameter motor—10" blower mount dia.	
KIT02413	43	Direct drive belly band blower mounting ring set - E band - torsion type. Each set includes motor support ring with welded ears. Mounting ears have dual mounting holes to fit either blower mount diameter. For 4.8" diameter—9" or 10" blower mount diameter.	
KIT02414	44	For 5.6" diameter motor—9" or 10" blower mount dia.	
KIT02415	27	Hub length adapter set. Each set includes two 2 1/4" resilient mounting rings and four metal outer rings to convert to 2 1/2" rings. Fits 5.0" and 5 5/8" diameter motors. Also includes 10-32 studs for adaption to 21 frame and 8-32 screws for extended studs for 5.0" and 5.6" frame.	
KIT02416	26	Drip shield for condenser fan motors—6 3/8" dia. With 1.2" meter shaft hole for NEMA 42, 48 or 56 Z frame motors.	

RESILIENT BASE CRADLE KITS FOR PSC AND SHADED POLE MOTORS

Each kit includes one cradle base, two base clamp assemblies, and two hub rings unless otherwise noted.

SERVICEFIRST ITEM NO.	MFG. NO.	SHAFT HEIGHT	HUB TO HUB LENGTH	HUB RING DIAMETER	PRICE
KIT02417	45	2 5/8	4	2 1/4	
KIT02418	46	2 5/8	4 1/4	2 1/4	
KIT02419	35	2 5/8	4 1/4	2 1/2	
KIT02420	36	2 5/8	5	2 1/2	
KIT02421	3	3	4 1/8	2 1/2	
KIT02422	30	3	4 3/8	2 1/2	
KIT02423	7	3	4 5/8	2 1/2	
KIT02424	4	3	4 7/8	2 1/2	
KIT02425	19*	3	5 1/8	2 1/2	
KIT02426	32	3	5 3/8	2 1/2	
KIT02427	38	3	6 1/2	2 1/2	
KIT02428	11	3	7	2 1/2	
KIT02429	5	3 1/2	4 1/8	2 1/2	
KIT02430	31	3 1/2	4 3/8	2 1/2	
KIT02431	8	3 1/2	4 5/8	2 1/2	
KIT02432	6	3 1/2	4 7/8	2 1/2	
KIT02433	20*	3 1/2	5 1/8	2 1/2	
KIT02434	34	3 1/2	5 3/8	2 1/2	
KIT02435	37	3 1/2	6 1/2	2 1/2	
KIT02436	12	3 1/2	7	2 1/2	
KIT02437	51**	3 1/2	7 1/2	2 1/2	

*Includes base and clamps but not hub rings.

**Includes six bases but no hub rings or clamps.

OEM Replacement Motors

48 FRAME PSC VERTICAL SHAFT UP AND HORIZONTAL CONDENSER FAN MOTORS

Six-inch shaft double flats. Continuous duty air over. Automatic overload protection. Reversible rotation. Extended 1½ inch 8-32 stud. Class B insulation. Water slinger included. Drive end enclosed. Designed for 370V capacitors. Sleeve bearings have all angles. All-angle thrust system. 30-inch leads. Capacitor mounting holes in from band.

4 Pole

SERVICEFIRST ITEM NO.	DESCRIPTION	RPM/SPDS	PRICE
MOT02360	½ HP, 208-230 volts	1625	
MOT02366	½ HP, 460 volts	1625	
MOT02606	½ HP, 575 volts	1625	

6 Pole

MOT02362	¼ HP, 208-230 volts	1100	
MOT02370	¼ HP, 460 volts	1100	
MOT02364	⅓ HP, 208-230 volts	1100	
MOT02371	⅓ HP, 460 volts	1100	
MOT02604	⅓ HP, 575 volts	1100	
MOT02368	½ HP, 208-230 volts	1100	
MOT02367	½ HP, 460 volts	1100	
MOT02605	½ HP, 575 volts	1100	
MOT02361	¾ HP, 208-230 volts	1100	
MOT02369	¾ HP, 460 volts	1100	
MOT02607	¾ HP, 575 volts	1100	

8 Pole

MOT02363	¼ HP, 208-230 volts	825	
MOT02365	⅓ HP, 208-230 volts	825	
MOT02359	⅓ HP, 460 volts	825	

48 FRAME PSC TOTALLY ENCLOSED TWO-SPEED CONDENSER FAN MOTORS

Two speed design. Six-inch shaft with double flats. Reversible rotation. Class B insulation. 26-inch leads. Mounts up, down or horizontal. High efficiency. Automatic overload protection. Extended through bolts on both sides of motor. Designed for 370 V capacitors.

6 Pole

SERVICEFIRST ITEM NO.	DESCRIPTION	RPM/SPDS	PRICE
MOT03431	¼ HP, 208-230 volts	1100	
MOT03432	⅓ HP, 208-230 volts	1100	
MOT03433	½ HP, 208-230 volts	1100	

42 FRAME PSC TOTALLY ENCLOSED CONDENSER FAN MOTORS VERTICAL SHAFT UP AND HORIZONTAL

High efficiency. Automatic overload protection. 36-inch leads. Water slinger included. Totally enclosed. Class A insulation. Designed for 370V capacitors. Counter-clockwise rotation.

4 Pole

SERVICEFIRST ITEM NO.	DESCRIPTION	RPM/SPDS	PRICE
MOT03438	⅛ HP, 208-230 volts	1100	
MOT03328	⅛ HP, 230 volts	1100	

56 FRAME PSC CONDENSER FAN MOTORS

200-230/460V. Easy-change voltage device. Continuous-duty air over. Reversible rotation. Water slinger included. Double-sealed ball bearings. Five-inch shaft with full length flat and keyway. Automatic overload protector. 60/50 HZ. Class B insulation. Drive end enclosed.

6 Pole

SERVICEFIRST ITEM NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT02461	1.0 HP, 200-230/460 volts ¾ HP, 190/380 volts	1100	
MOT02462	1.5 HP, 200-230/460 volts 1.0 HP, 190/380 volts	1100	

56 FRAME THREE-PHASE CONDENSER FAN MOTORS

200-230/460V. Easy-change voltage device. Continuous duty air over. Reversible rotation. Water slinger included. Double sealed ball bearings. Automatic overload protector. Class B insulation. Drive end enclosed.

6 Pole

SERVICEFIRST ITEM NO.	HP/VOLTS	RPM/SPDS	PRICE
MOT02463	1.0 HP, 200-230/460 volts ¾ HP, 190/380 volts	1100	
MOT01826*	1.0 HP, 200-230 volts	1100	
MOT01827*	1.0 HP, 460 volts	1100	
MOT01174*	1.0 HP, 575 volts	1100	
MOT02464	1.0 HP, 200-230/460 volts ¾ HP, 190/380 volts	1100	

*No voltage change device

BLOWER MOTORS

3 Phase



SERVICEFIRST ITEM NO.	HP/VOLTS	VOLTS/HZ/PHASE	RPM/SPDS	PRICE
MOT03893	5 HP	575/60/3	3450	
MOT02914	1 HP	575/60/1	1725	
MOT06633	0.6 HP	575/60/1	825	
MOT04760	¾ HP	575/60/1	1040	
MOT03080	2 HP	200-230/460/60/3	3450	
MOT03082	5 HP	200-230/460/50-60/3	3450	
MOT01252	3 HP	575/60/3	3450	
MOT09800	3 HP	575/60/3	1740	

PSC Motors

MOT08425	1/37 HP	115/60/1	1060/3	
MOT08426	1/31 HP	115/60/1	1060/3	
MOT08420	1/37 HP	115/60/1	1060/3	
MOT08428	1/6 HP	115/60/1	1550/3	

Motor Accessories

Rain Shields By Emerson

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
SLG00031	48" frame, 1/2" orange	
SLG00053	48" frame, 1/2" black	
SLG00056	56" frame, 1/2" black	

Accessory Kits

KIT02405	Kit, belly bend, for 4.8" or 5.6" motor
KIT02401	Kit, hub ring, 2 1/4" diameter
KIT01038	Hub ring set - two 2 1/2" diameter hub rings
KIT01015	Capacitor mounting kit - fits 1 5/16" wide capacitors (not included) includes mounting strap, terminal boot and two screws
KIT01051	Direct drive blower mounting rings - double wire type. Motor supporting - 3 rubber mounting bushings with sleeves and mounting screws. Fits 5 1/2" dia. (48 Frame) motors - 10" blower mount diameter
KIT01052	Direct drive blower mounting rings - E band-torsion type. Motor support ring with welded ears and mounting screws. Fits 5 1/2" dia. 48 Frame) motors - 9" or 10" blower mount diameter. Mounting ears have dual mounting holes to fit either blower mount diameter

Motor Mounting Collar

CLR00047	Motor mounting collar w/2 screws fits NEMA 56 frame (6.5 inch) motor
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Hub Rings (GE Style)

SERVICEFIRST ITEM NO.	O.D.	WIDTH	MAX ID	MIN ID	PRICE
RNG00957	2.5"	.47	1.95	1.74	
RNG01013	2.5"	.56	1.85	1.79	
RNG01014	2.5"	.47	1.60	1.55	

GE Wholesale Motors

CONDENSER FAN MOTORS

PSC, totally enclosed, 48 frame

SERVICEFIRST ITEM NO.	MFG. NO.	HP	VOLTS	RPM	BEARING	CAPACITOR	ITEM NO.	PRICE
MOT10130	3203	1/6	208-230	825	Ball	5/370	CPT01110	
MOT10141	3727	1/6	208-230	1075	Sleeve	5/370	CPT01110	
MOT10131	3204	1/4	208-230	825	Ball	7.5/370	CPT01112	
MOT07961	3728	1/4	208-230	1075	Sleeve	5/370	CPT01110	
MOT10133	3732	1/4	208-230	1075	Ball	5/370	CPT01110	
MOT10137	3736	1/4	460	1075	Ball	7.5/370	CPT01112	
MOT10132	3205	1/3	208-230	825	Ball	10/370	CPT01113	
MOT07962	3729	1/3	208-230	1075	Sleeve	7.5/370	CPT01112	
MOT10134	3733	1/3	208-230	1075	Ball	7.5/370	CPT01112	
MOT10138	3737	1/3	460	1075	Ball	7.5/370	CPT01112	
MOT07963	3730	1/2	208-230	1075	Sleeve	10/370	CPT01113	
MOT10135	3734	1/2	208-230	1075	Ball	10/370	CPT01113	
MOT10139	3738	1/2	460	1075	Ball	10/370	CPT01113	
MOT07964	3731	3/4	208-230	1075	Sleeve	15/370	CPT01115	
MOT10136	3735	3/4	208-230	1075	Ball	10/370	CPT01113	

DIRECT DRIVE MOTORS

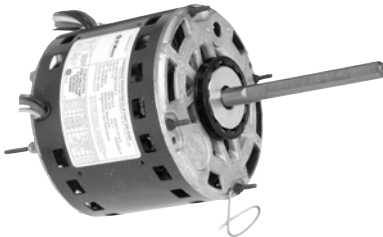
PSC, three speed blower motors, 48 frame

SERVICEFIRST ITEM NO.	MFG. NO.	HP	VOLTS	RPM	BEARING	CAPACITOR	ITEM NO.	PRICE
MOT07965	3583	1/4	115	1075	Sleeve	5/370	CPT01110	
MOT07966	3584	1/4	208-230	1075	Sleeve	5/370	CPT01110	
MOT07967	3585	1/3	115	1075	Sleeve	5/370	CPT01110	
MOT07968	3586	1/3	208-230	1075	Sleeve	5/370	CPT01110	
MOT07969	3587	1/2	115	1075	Sleeve	5/370	CPT01110	
MOT07970	3588	1/2	208-230	1075	Sleeve	5/370	CPT01110	
MOT07971	3589	3/4	115	1075	Sleeve	15/370	CPT01115	
MOT07972	3590	3/4	208-230	1075	Sleeve	10/370	CPT01113	

CHAMELEON MOTORS

Multi-HP Direct Drive Blower Motors – 5.6" Diameter

1/2 HP Direct Drive Motors



SERVICEFIRST ITEM NO.	MFG. NO.	HP (MAX)	RPM	SPEED	VOLTS	ROT	SINGLE SHIFT	CAP	PRICE
MOT11725	3463*	1/2	1075	4-speed	115	Rev.	.50" dia., 5.00" length w/4.0" flat	Multi	
MOT11726	3464**	1/2	1075	4-speed	208-230	Rev.	.50" dia., 5.00" length w/4.0" flat	Multi	

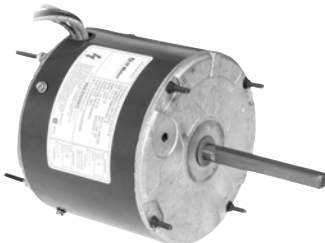
*GE 3463 replaces Emerson 5460, Global E5460, AO Smith FDL6001

**GE 3464 replaces Emerson 5461, Global E5461, AO Smith FDL6000

Capacitor selection table for MOT11725 and MOT11726

HP	MFD/VOLT	SPEEDS TO USE	MOT11725	MOT11726	PRICE
1/2	10/370	All speeds	FLA	FLA	
1/3	5/370 or 7.5/370*	All speeds	6.2	3.6	
1/4	5/370 or 7.5/370*	Med-Hi, Med-Lo:Lo	6.1	3.5	
1/5	5/370 or 7.5/370*	Med-Lo:Lo	4.4	2.8	
1/6	5/370 or 7.5/370*	Lo	3.2	1.9	
			2.4	1.3	

3/4 HP Direct Drive Motors



SERVICEFIRST ITEM NO.	MFG. NO.	HP (MAX)	RPM	SPEED	VOLTS	ROT	SINGLE SHIFT	CAP	PRICE
MOT11728	3466*	3/4	1075	4-speed	115	Rev.	.50" dia., 5.00" length w/4.0" flat	Multi	
MOT11729	3467**	3/4	1075	4-speed	208-230	Rev.	.50" dia., 5.00" length w/4.0" flat	Multi	

*GE 3466 replaces Emerson 5470

**GE 3467 replaces Emerson 5471

Capacitor selection table for MOT11728 and MOT11729

HP	MFD/VOLT	SPEEDS TO USE	MOT11728	MOT11729	PRICE
3/4	20/370	All speeds	FLA	FLA	
1/2	10/370	All speeds	8.1	3.5	
1/3	10/370	Med-Hi, Med-Lo:Lo	6.6	2.7	
1/4	10/370	Med-Lo:Lo	4.6	1.4	
1/5	10/370	Lo	3.8	1.1	
			3.1	1	

Integral Horsepower Motors by US Motors



GENERAL PURPOSE, THREE PHASE

Open Drip-proof EPACT Energy Efficient, 1800 rpm

SERVICEFIRST ITEM NO. F1*	SERVICEFIRST ITEM NO. F2**	HP	VOLTAGE	FRAME	EFFICIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	50HZ CAPA- BLE	PRICE
MOT10573	MOT10621	1	200	143T	82.5	75.8	35		
MOT10589	MOT10637	1	208-230/460	143T	82.5	75.9	35	Yes	
MOT10605	MOT10653	1	575	143T	82.5	75.7	35		
MOT10574	MOT10622	1½	200	145T	84	77	40		
MOT10590	MOT10638	1½	208-230/460	145T	84	76.6	40	Yes	
MOT10606	MOT10654	1½	575	145T	84	75.4	40		
MOT10575	MOT10623	2	200	145T	84	74.4	45		
MOT10591	MOT10639	2	208-230/460	145T	84	75.4	45	Yes	
MOT10607	MOT10655	2	575	145T	84	75.5	45		
MOT10576	MOT10624	3	200	182T	86.5	78	50		
MOT10592	MOT10640	3	208-230/460	182T	86.5	78	50	Yes	
MOT10608	MOT10656	3	575	182T	86.5	77.3	50		
MOT10577	MOT10625	5	200	184T	87.5	83	60		
MOT10593	MOT10641	5	208-230/460	184T	87.5	82.9	60	Yes	
MOT10609	MOT10657	5	575	184T	87.5	82.9	60		
MOT10578	MOT10626	7½	200	213T	88.5	83.2	90		
MOT10594	MOT10642	7½	208-230/460	213T	88.5	82.7	90	Yes	
MOT10610	MOT10658	7½	575	213T	88.5	83.1	90		
MOT10579	MOT10627	10	200	215T	89.5	84.7	100		
MOT10595	MOT10643	10	208-230/460	215T	89.5	84.9	100	Yes	
MOT10611	MOT10659	10	575	215T	89.5	84.8	100		
MOT10580	MOT10628	15	200	254T	91	81.1	150		
MOT10596	MOT10644	15	208-230/460	254T	91	81.3	150	Yes	
MOT10612	MOT10660	15	575	254T	91	82	150		
MOT10581	MOT10629	20	200	256T	91	82.1	160		
MOT10597	MOT10645	20	208-230/460	256T	91	82.6	160	Yes	
MOT10613	MOT10661	20	575	256T	91	81.9	160		
MOT10582	MOT10630	25	200	284T	91.7	83.7	300		
MOT10598	MOT10646	25	208-230/460	284T	91.7	83.7	300	Yes	
MOT10614	MOT10662	25	575	284T	91.7	83.8	300		
MOT10583	MOT10631	30	200	286T	92.4	85.6	325		
MOT10599	MOT10647	30	208-230/460	286T	92.4	85.7	325	Yes	
MOT10615	MOT10663	30	575	286T	92.4	85.7	325		
MOT10584	MOT10632	40	200	324T	93	87.6	385		
MOT10600	MOT10648	40	230/460	324T	93	87.5	385	Yes	
MOT10616	MOT10664	40	575	324T	93	87.7	385		
MOT10585	MOT10633	50	200	326T	93	87.6	415		
MOT10601	MOT10649	50	230/460	326T	93	87.5	415	Yes	
MOT10617	MOT10665	50	575	326T	93	87.5	415		
MOT10586	MOT10634	60	200	364T	93.6	86.4	580		
MOT10602	MOT10650	60	230/460	364T	86.2	86.4	580	Yes	
MOT10618	MOT10666	60	575	364T	93.6	86.4	580		
MOT10587	MOT10635	75	200	365T	94.1	85.7	600		
MOT10603	MOT10651	75	230/460	365T	94.1	86.4	600	Yes	
MOT10619	MOT10667	75	575	365T	94.1	85	600		
MOT10588	MOT10636	100	200	404T	94.1	87.4	750		
MOT10604	MOT10652	100	230/460	404T	94.1	87.5	750	Yes	
MOT10620	MOT10668	100	575	404T	94.1	87.8	750		

*F1 construction: Conduit Box on left hand side of motor when facing motor shaft.

**F2 construction: Conduit Box on right hand side of motor when facing motor shaft.

Open Drip-proof EPACT Premium Efficient, 1800 rpm

SERVICEFIRST ITEM NO. F1*	SERVICEFIRST ITEM NO. F2**	HP	VOLTAGE	FRAME	EFFICIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT10669	MOT10717	1	200	143T	85.5	72	35	
MOT10685	MOT10733	1	230/460	143T	85.5	73	35	
MOT10701	MOT10749	1	575	143T	84	69	35	
MOT10670	MOT10718	1½	200	145T	86.5	73.5	40	
MOT10686	MOT10734	1½	230/460	145T	86.5	70.6	40	
MOT10702	MOT10750	1½	575	145T	86.5	70.6	40	
MOT10671	MOT10719	2	200	145T	86.5	77	45	
MOT10687	MOT10735	2	230/460	145T	86.5	74.7	45	
MOT10703	MOT10751	2	575	145T	86.5	74.7	45	
MOT10672	MOT10720	3	200	182T	89.5	80	50	

SERVICEFIRST ITEM NO. F1*	SERVICEFIRST ITEM NO. F2**	HP	VOLTAGE	FRAME	EFFICIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT10688	MOT10736	3	230/460	182T	90.2	78.9	50	
MOT10704	MOT10752	3	575	182T	90.2	79.6	50	
MOT10673	MOT10721	5	200	184T	89.5	81	60	
MOT10689	MOT10737	5	230/460	184T	89.5	81	60	
MOT10705	MOT10753	5	575	184T	89.5	81.2	60	
MOT10674	MOT10722	7½	200	213T	91.7	84.2	90	
MOT10690	MOT10738	7½	230/460	213T	91.7	82.3	90	
MOT10706	MOT10754	7½	575	213T	91	85.6	90	
MOT10675	MOT10723	10	200	215T	91.7	83.5	100	
MOT10691	MOT10739	10	230/460	215T	91	82.8	100	
MOT10707	MOT10755	10	575	215T	91	84.3	100	
MOT10676	MOT10724	15	200	254T	93	81.6	150	
MOT10692	MOT10740	15	230/460	254T	93	81.6	150	
MOT10708	MOT10756	15	575	254T	92.4	82.2	150	
MOT10677	MOT10725	20	200	256T	93.6	83	160	
MOT10693	MOT10741	20	230/460	256T	93.6	82.7	160	
MOT10709	MOT10757	20	575	256T	93	84	160	
MOT10678	MOT10726	25	200	284T	94.1	86	300	
MOT10694	MOT10742	25	230/460	284T	85.3	85.2	300	
MOT10710	MOT10758	25	575	284T	94.1	86.1	300	
MOT10679	MOT10727	30	200	286T	94.1	94.1	85.3	
MOT10695	MOT10743	30	230/460	286T	94.1	94.1	86.2	
MOT10711	MOT10759	30	575	286T	86.2	94.1	85.3	
MOT10680	MOT10728	40	200	324T	94.5	86.2	385	
MOT10696	MOT10744	40	230/460	324T	94.5	86.2	385	
MOT10712	MOT10760	40	575	324T	94.5	85.7	385	
MOT10681	MOT10729	50	200	326T	94.5	87.2	415	
MOT10697	MOT10745	50	230/460	326T	94.5	87.2	415	
MOT10713	MOT10761	50	575	326T	94.5	86.2	415	
MOT10682	MOT10730	60	200	364T	95	85.6	580	
MOT10698	MOT10746	60	230/460	364T	94.5	85.8	580	
MOT10714	MOT10762	60	575	364T	95	85.9	580	
MOT10683	MOT10731	75	200	365T	95	85.7	600	
MOT10699	MOT10747	75	230/460	365T	95	86	600	
MOT10715	MOT10763	75	575	365T	95	85.7	600	
MOT10684	MOT10636	100	200	404T	94.1	85.6	750	
MOT10700	MOT10748	100	230/460	404T	95.4	87.4	750	
MOT10716	MOT10764	100	575	404T	95.4	87.4	750	

*F1 construction: Conduit Box on left hand side of motor when facing motor shaft.

**F2 construction: Conduit Box on right hand side of motor when facing motor shaft.

Totally Enclosed Fan Cooled EPACT Energy Efficient, 1800 rpm

SERVICEFIRST ITEM NO. F1*	SERVICEFIRST ITEM NO. F2**	HP	VOLTAGE	FRAME	EFFICIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	50HZ CAPA- BLE	PRICE
MOT10765	MOT10813	1	200	143T	82.5	76.2	65		
MOT10781	MOT10829	1	208-230/460	143T	82.5	76.2	65	Yes	
MOT10797	MOT10845	1	575	143T	82.5	76.1	65		
MOT10766	MOT10814	1½	200	145T	84	77.4	70		
MOT10782	MOT10830	1½	208-230/460	145T	84	77	70	Yes	
MOT10798	MOT10846	1½	575	145T	84	75.7	70		
MOT10767	MOT10815	2	200	145T	84	74.9	70		
MOT10783	MOT10831	2	208-230/460	145T	84	75.8	70	Yes	
MOT10799	MOT10847	2	575	145T	84	75.9	70		
MOT10768	MOT10816	3	200	182T	87.5	79.4	100		
MOT10784	MOT10832	3	208-230/460	182T	87.5	79.3	100	Yes	
MOT10800	MOT10848	3	575	182T	87.5	78.7	100		
MOT10769	MOT10817	5	200	184T	87.5	83.6	110		
MOT10785	MOT10833	5	208-230/460	184T	87.5	83.6	110	Yes	
MOT10801	MOT10849	5	575	184T	87.5	83.5	110		
MOT10770	MOT10818	7½	200	213T	89.5	82.8	160		
MOT10786	MOT10834	7½	208-230/460	213T	89.5	82.9	160	Yes	
MOT10802	MOT10850	7½	575	213T	89.5	83.4	160		
MOT10771	MOT10819	10	200	215T	89.5	83.9	175		
MOT10787	MOT10835	10	208-230/460	215T	89.5	83.7	175	Yes	
MOT10803	MOT10851	10	575	215T	89.5	83.7	175		
MOT10772	MOT10820	15	200	254T	91	83.3	300		
MOT10788	MOT10836	15	208-230/460	254T	91	83.5	300	Yes	
MOT10804	MOT10852	15	575	254T	91	83.9	300		
MOT10773	MOT10821	20	200	256T	91	84.2	360		
MOT10789	MOT10837	20	208-230/460	256T	91	83.8	360	Yes	

SERVICEFIRST ITEM NO. F1*	SERVICEFIRST ITEM NO. F2**	HP	VOLTAGE	FRAME	EFFICIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	50HZ CAPA- BLE	PRICE
MOT10805	MOT10853	20	575	256T	91	83.7	360		
MOT10774	MOT10822	25	200	284T	92.4	85	390		
MOT10790	MOT10838	25	208-230/460	284T	92.4	84.8	390	Yes	
MOT10806	MOT10854	25	575	284T	92.4	85.8	390		
MOT10775	MOT10823	30	200	286T	92.4	85.4	440		
MOT10791	MOT10839	30	230/460	286T	92.4	85.2	440	Yes	
MOT10807	MOT10855	30	575	286T	92.4	84.8	440		
MOT10776	MOT10824	40	200	324T	93	87.7	600		
MOT10792	MOT10840	40	230/460	324T	93	87.6	600	Yes	
MOT10808	MOT10856	40	575	324T	93	87.6	600		
MOT10777	MOT10825	50	200	326T	93	88.2	610		
MOT10793	MOT10841	50	230/460	326T	93	88.2	610	Yes	
MOT10809	MOT10857	50	575	326T	93	88.2	610		
MOT10778	MOT10826	60	200	364T	93.6	85.8	825		
MOT10794	MOT10842	60	230/460	364T	93.6	85.7	825	Yes	
MOT10810	MOT10858	60	575	364T	93.6	86.2	825		
MOT10779	MOT10827	75	200	365T	94.1	85.4	910		
MOT10795	MOT10843	75	230/460	365T	94.1	87.2	910	Yes	
MOT10811	MOT11859	75	575	365T	94.1	86.3	910		
MOT10780	MOT10828	100	200	405T	94.5	85.5	1250		
MOT10796	MOT10844	100	230/460	405T	94.5	87.4	1250	Yes	
MOT10812	MOT10860	100	575	405T	94.5	85.3	1250		

*F1 construction: Conduit Box on left hand side of motor when facing motor shaft.

**F2 construction: Conduit Box on right hand side of motor when facing motor shaft.

Totally Enclosed Fan Cooled EPACT Premium Efficient, 1800 rpm

SERVICEFIRST ITEM NO. F1*	SERVICEFIRST ITEM NO. F2**	HP	VOLTAGE	FRAME	EFFICIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT10861	MOT10909	1	200	143T	86.5	78	45	
MOT10877	MOT10925	1	230/460	143T	86.5	78	45	
MOT10893	MOT10941	1	575	143T	86.5	78.7	45	
MOT10862	MOT10910	1½	200	145T	86.5	77.3	47	
MOT10878	MOT10926	1½	230/460	145T	86.5	77.3	47	
MOT10894	MOT10942	1½	575	145T	86.5	77.6	47	
MOT10863	MOT10911	2	200	145T	86.5	78.6	50	
MOT10879	MOT10927	2	230/460	145T	86.5	79	50	
MOT10895	MOT10943	2	575	145T	86.5	78.6	50	
MOT10864	MOT10912	3	200	182T	89.5	79	85	
MOT10880	MOT10928	3	230/460	182T	89.5	79	85	
MOT10896	MOT10944	3	575	182T	88.5	80	85	
MOT10865	MOT10913	5	200	184T	90.2	83.4	100	
MOT10881	MOT10929	5	230/460	184T	90.2	83.4	100	
MOT10897	MOT10945	5	575	184T	90.2	83	100	
MOT10866	MOT10914	7½	200	213T	91.7	84.5	150	
MOT10882	MOT10930	7½	230/460	213T	91.7	84.5	150	
MOT10898	MOT10946	7½	575	213T	91	85	150	
MOT10867	MOT10915	10	200	215T	91.7	86.5	190	
MOT10883	MOT10931	10	230/460	215T	91.7	86.5	190	
MOT10899	MOT10947	10	575	215T	91.7	86.5	190	
MOT10868	MOT10916	15	200	254T	93	82.5	300	
MOT10884	MOT10932	15	230/460	254T	93	82.5	300	
MOT10900	MOT10948	15	575	254T	93	83	300	
MOT10869	MOT10917	20	200	256T	93.6	85	310	
MOT10885	MOT10933	20	230/460	256T	93.6	85	310	
MOT10901	MOT10949	20	575	256T	93.6	85	310	
MOT10870	MOT10918	25	200	284T	93.6	85	355	
MOT10886	MOT10934	25	230/460	284T	93.6	85.5	355	
MOT10902	MOT10950	25	575	284T	93.6	86	355	
MOT10871	MOT10919	30	200	286T	94.1	86.5	400	
MOT10887	MOT10935	30	230/460	286T	94.1	86.5	400	
MOT10903	MOT10951	30	575	286T	94.1	87	400	
MOT10872	MOT10920	40	200	324T	94.1	86.5	550	
MOT10888	MOT10936	40	230/460	324T	94.1	86.5	550	
MOT10904	MOT10952	40	575	324T	94.1	86.5	550	
MOT10873	MOT10921	50	200	326T	94.5	88.3	625	
MOT10889	MOT10937	50	230/460	326T	94.1	88.3	625	
MOT10905	MOT10953	50	575	326T	94.1	88.3	625	
MOT10874	MOT10922	60	200	364T	95	84	825	
MOT10890	MOT10938	60	230/460	364T	95	84	825	
MOT10906	MOT10954	60	575	364T	95	85.5	825	

SERVICEFIRST ITEM NO. F1*	SERVICEFIRST ITEM NO. F2**	HP	VOLTAGE	FRAME	EFFICIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT10875	MOT10923	75	200	365T	95.4	85.7	890	
MOT10891	MOT10939	75	230/460	365T	95.4	87.5	890	
MOT10907	MOT10955	75	575	365T	95.4	87.5	890	
MOT10876	MOT10924	100	200	405T	95.4	84	1200	
MOT10892	MOT10940	100	230/460	405T	95.4	85.4	1200	
MOT10908	MOT10956	100	575	405T	95.4	85.4	1200	

SPECIAL APPLICATION, THREE PHASE

TEFC, Cooling Tower Duty Energy Efficient

2-speed, 1- and 2-winding

SERVICEFIRST ITEM NO.	HP (HIGH)	HP (LOW)	VOLTS	RPM	NUMBER OF WINDINGS	FRAME	EFFI- CIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT11274	2	0.5	200	1800/900	1	145T	82.5	76.4	70	
MOT11275	3	0.75	200	1800/900	1	182T	83.5	78.3	100	
MOT11276	3	0.75	460	1800/900	1	182T	82.5	78.9	100	
MOT11277	5	1.25	200	1800/900	1	184T	84	82.9	110	
MOT11278	5	1.25	200	1800/900	2	215T	88.5	79.7	175	
MOT11279	5	1.25	460	1800/900	1	184T	84	84	110	
MOT11280	5	1.25	460	1800/900	2	215T	88.5	79.7	175	
MOT11281	5	1.25	575	1800/900	1	184T	84	83.8	110	
MOT11282	5	1.25	460	1200/600	1	254T	85.5	64.6	300	
MOT11283	7.5	1.875	200	1800/900	1	213T	85.5	83.7	160	
MOT11284	7.5	1.875	200	1800/900	2	254T	88.5	77.8	300	
MOT11285	7.5	1.875	460	1800/900	2	254T	88.5	77.8	300	
MOT11286	7.5	1.875	460	1800/900	1	213T	85.5	83.7	160	
MOT11287	7.5	1.875	575	1800/900	1	213T	85.5	83.7	160	
MOT11288	7.5	1.875	460	1200/600	1	256T	85.5	75.6	340	
MOT11289	10	2.5	200	1800/900	2	256T	89.5	82.4	360	
MOT11290	10	2.5	200	1800/900	1	215T	86.5	83.6	175	
MOT11291	10	2.5	460	1800/900	2	256T	91	81.6	360	
MOT11292	10	2.5	460	1800/900	1	215T	86.5	82.7	175	
MOT11293	10	2.5	575	1800/900	2	256T	89.5	76.4	360	
MOT11294	10	2.5	575	1800/900	1	215T	86.5	82.9	175	
MOT11295	10	2.5	460	1200/600	1	284T	87.5	74.3	380	
MOT11296	15	3.75	200	1800/900	2	284T	90.2	83.8	390	
MOT11297	15	3.75	200	1800/900	1	254T	89.5	81.1	300	
MOT11298	15	3.75	460	1800/900	2	284T	90.2	83.8	390	
MOT11205	15	3.75	460	1800/900	1	254T	89.5	81.1	300	
MOT11299	15	3.75	575	1800/900	1	254T	89.5	81.1	300	
MOT11300	15	3.75	575	1800/900	2	284T	90.2	83.8	390	
MOT11301	15	3.75	460	1200/600	1	286T	88.5	75.4	410	
MOT11302	20	5	200	1800/900	2	286T	91	79.9	440	
MOT11303	20	5	200	1800/900	1	256T	90.2	79.4	360	
MOT11304	20	5	460	1800/900	2	286T	91	79.9	440	
MOT11305	20	5	460	1800/900	1	256T	90.2	79.4	360	
MOT11306	20	5	575	1800/900	1	256T	90.2	79.4	360	
MOT11307	20	5	575	1800/900	2	286T	91	79.9	440	
MOT11309	20	5	460	1200/600	1	324T	88.5	77.8	600	
MOT11310	25	6.25	200	1800/900	1	286T	91	83.9	440	
MOT11311	25	6.25	200	1800/900	2	324T	91.7	82.4	600	
MOT11215	25	6.25	460	1800/900	1	286T	91	83.9	440	
MOT11312	25	6.25	460	1800/900	2	324T	91.7	82.4	600	
MOT11313	25	6.25	575	1800/900	1	286T	91	83.9	440	
MOT11314	25	6.25	575	1800/900	2	324T	91.7	82.4	600	
MOT11315	25	6.25	460	1200/600	1	326T	89.5	70.8	675	
MOT11316	30	7.5	200	1800/900	1	324T	91.7	87.3	600	
MOT11317	30	7.5	200	1800/900	2	326T	92.4	83.3	610	
MOT11318	30	7.5	460	1800/900	2	326T	92.4	83.3	610	
MOT11319	30	7.5	460	1800/900	1	324T	91.7	87.3	600	
MOT11320	30	7.5	575	1800/900	1	324T	91.7	87.3	600	
MOT11321	30	7.5	460	1200/600	1	364T	90.2	74.6	875	
MOT11322	40	10	200	1800/900	1	326T	91.7	87.3	610	
MOT11323	40	10	460	1800/900	1	326T	91.7	87.4	610	
MOT11324	40	10	460	1800/900	2	364T	92.4	79	810	
MOT11325	40	10	575	1800/900	2	364T	92.4	79	810	
MOT11326	40	10	575	1800/900	1	326T	91.7	87.4	610	
MOT11327	40	10	460	1200/600	1	365T	91	76.5	900	
MOT11328	50	12.5	200	1800/900	2	365T	92.4	85.1	925	

SERVICEFIRST ITEM NO.	HP (HIGH)	HP (LOW)	VOLTS	RPM	NUMBER OF WINDINGS	FRAME	EFFI- CIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT11329	50	12.5	200	1800/900	1	364T	91.7	85.8	825	
MOT11330	50	12.5	460	1800/900	1	364T	92.4	80.8	810	
MOT11331	50	12.5	460	1800/900	2	365T	92.8	80	925	
MOT11332	50	12.5	575	1800/900	1	364T	91.7	85.9	825	
MOT11333	60	15	200	1800/900	1	365T	93	85.1	910	
MOT11334	60	15	460	1800/900	1	365T	93	84.8	925	
MOT11335	60	15	575	1800/900	1	365T	93	84.8	910	
MOT11336	75	18.75	200	1800/900	1	405T	93	83.3	1250	
MOT11337	75	18.75	460	1800/900	1	405T	93	83.3	1260	

TEAO, Cooling Tower Duty Energy Efficient

2-speed, 1- and 2-winding

SERVICEFIRST ITEM NO.	HP (HIGH)	HP (LOW)	VOLTS	RPM	NUMBER OF WINDINGS	FRAME	EFFI- CIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT11338	2	0.5	460	1800/900	1	145T	82.5	76.4	70	
MOT11339	2	0.5	575	1800/900	1	145T	82.5	76.4	70	
MOT11340	2	0.5	460	1200/600	2	215T	82.8	77.9	175	
MOT11341	3	0.75	200	1800/900	1	182T	82.5	79.4	100	
MOT11342	3	0.75	460	1800/900	1	182T	82.5	78.9	100	
MOT11343	3	0.75	575	1800/900	1	182T	82.5	79.9	100	
MOT11344	3	0.75	460	1200/600	1	215T	82.5	78.2	175	
MOT11345	5	1.25	200	1800/900	2	215T	88.5	79.7	175	
MOT11346	5	1.25	200	1800/900	1	184T	84	82.9	110	
MOT11347	5	1.25	460	1800/900	2	215T	88.5	79.7	175	
MOT11348	5	1.25	460	1800/900	1	184T	84	84	110	
MOT11349	5	1.25	200	1200/600	1	254T	86.5	76.7	300	
MOT11350	5	1.25	460	1200/600	1	254T	85.5	64.6	300	
MOT11351	7.5	1.875	200	1800/900	2	254T	88.5	77.8	300	
MOT11352	7.5	1.875	200	1800/900	1	213T	85.5	83	160	
MOT11353	7.5	1.875	460	1800/900	2	254T	88.5	77.8	300	
MOT11354	7.5	1.875	460	1800/900	1	213T	85.5	83.7	160	
MOT11355	7.5	1.875	575	1800/900	1	213T	85.5	83.1	160	
MOT11356	7.5	1.875	460	1200/600	1	256T	85.5	63	340	
MOT11357	7.5	1.875	460	1200/600	2	284T	84	76.5	390	
MOT11358	10	2.5	200	1800/900	2	256T	89.5	82.4	360	
MOT11359	10	2.5	200	1800/900	1	215T	86.5	83.6	175	
MOT11360	10	2.5	460	1800/900	2	256T	89.5	82.4	360	
MOT11361	10	2.5	460	1800/900	1	215T	86.5	82.7	175	
MOT11362	10	2.5	575	1800/900	1	215T	87.5	84.1	175	
MOT11363	10	2.5	200	1200/600	1	284T	87.5	76.8	380	
MOT11364	10	2.5	460	1200/600	2	286T	84	78.5	440	
MOT11365	10	2.5	460	1200/600	1	284T	87.5	76.8	380	
MOT11366	15	3.75	200	1800/900	2	284T	90.2	83.8	390	
MOT11372	15	3.75	200	1800/900	1	254T	89.5	81.1	300	
MOT11373	15	3.75	460	1800/900	2	284T	90.2	83.8	390	
MOT11374	15	3.75	460	1800/900	1	254T	89.5	81.1	300	
MOT11375	15	3.75	575	1800/900	2	284T	90.2	83.8	390	
MOT11376	15	3.75	575	1800/900	1	254T	89.5	81.1	300	
MOT11377	15	3.75	200	1200/600	1	286T	88.5	80.1	410	
MOT11378	15	3.75	460	1200/600	1	286T	88.5	80.1	410	
MOT11379	15	3.75	460	1200/600	2	324T	86.5	77.4	600	
MOT11231	20	5	200	1800/900	1	256T	90.2	79.4	360	
MOT11380	20	5	200	1800/900	2	286T	91	79.9	440	
MOT11381	20	5	460	1800/900	2	286T	91	79.9	440	
MOT11382	20	5	460	1800/900	1	256T	90.2	79.4	360	
MOT11383	20	5	575	1800/900	2	286T	91	79.9	440	
MOT11384	20	5	575	1800/900	1	256T	90.2	79.4	360	
MOT11385	20	5	200	1200/600	1	324T	88.5	82.3	600	
MOT11386	20	5	460	1200/600	2	326T	87.5	78.7	610	
MOT11387	20	5	460	1200/600	1	324T	88.5	82.3	600	
MOT11388	25	6.25	200	1800/900	2	324T	91.7	82.4	600	
MOT11389	25	6.25	200	1800/900	1	286T	91	83.9	440	
MOT11390	25	6.25	460	1800/900	2	324T	91.7	82.4	600	
MOT11391	25	6.25	460	1800/900	1	286T	91	83.9	440	
MOT11392	25	6.25	575	1800/900	1	286T	91	84	440	
MOT11393	25	6.25	575	1800/900	2	324T	91.7	82.4	600	
MOT11394	25	6.25	200	1200/600	1	326T	89.5	70.8	675	
MOT11395	25	6.25	460	1200/600	2	364T	88.5	76.4	810	

SERVICEFIRST ITEM NO.	HP (HIGH)	HP (LOW)	VOLTS	RPM	NUMBER OF WINDINGS	FRAME	EFFI- CIENCY FULL LOAD	POWER FACTOR FULL LOAD	SHIPPING WEIGHT	PRICE
MOT11396	25	6.25	460	1200/600	1	326T	89.5	70.8	675	
MOT11397	30	7.5	200	1800/900	1	324T	91.7	87.4	600	
MOT11398	30	7.5	200	1800/900	2	326T	92.4	83.3	610	
MOT11399	30	7.5	460	1800/900	2	326T	92.4	83.3	610	
MOT11400	30	7.5	460	1800/900	1	324T	91.7	87.4	600	
MOT11401	30	7.5	575	1800/900	1	324T	91.7	87.4	600	
MOT11402	30	7.5	200	1200/600	1	364T	90.2	75.6	875	
MOT11403	30	7.5	460	1200/600	1	364T	90.2	75.6	875	
MOT11411	40	10	200	1800/900	1	326T	91.7	87.3	610	
MOT11404	40	10	200	1800/900	2	364T	92.4	79	810	
MOT11405	40	10	460	1800/900	2	364T	92.4	79	810	
MOT11406	40	10	460	1800/900	1	326T	91.7	87.3	610	
MOT11415	40	10	575	1800/900	1	326T	91.7	87.3	610	
MOT11407	40	10	575	1800/900	2	326T	92.4	79	610	
MOT11408	40	10	200	1200/600	1	365T	91	73.4	900	
MOT11409	40	10	460	1200/600	2	404T	90.2	73.7	1050	
MOT11410	40	10	460	1200/600	1	365T	91	73.4	900	
MOT11412	50	12.5	200	1800/900	2	365T	92.4	85.1	910	
MOT11414	50	12.5	200	1800/900	1	364T	92.4	85.8	825	
MOT11416	50	12.5	460	1800/900	1	364T	92.4	80.8	810	
MOT11413	50	12.5	460	1800/900	2	365T	92.4	85.1	925	
MOT11417	50	12.5	575	1800/900	1	364T	92.4	85.9	825	
MOT11418	50	12.5	200	1200/600	1	404T	91.7	74.8	1050	
MOT11419	50	12.5	460	1200/600	1	404T	91.7	74.8	1050	
MOT11420	60	15	200	1800/900	1	365T	93	85.2	910	
MOT11421	60	15	460	1800/900	1	365T	93	84.8	925	
MOT11422	60	15	575	1800/900	1	365T	93	84.8	910	
MOT11423	75	18.75	200	1800/900	2	405T	93	84.1	1660	
MOT11424	75	18.75	200	1800/900	1	405T	93.6	85.7	1250	
MOT11425	75	18.75	460	1800/900	1	405T	93	83.3	1260	
MOT11426	75	18.75	460	1800/900	2	405T	93	84.1	1660	
MOT11427	100	25	200	1800/900	1	444T	93	84.8	1675	
MOT11428	100	25	460	1800/900	1	444T	93	84.8	1675	

Refrigeration Components

Filter Driers and Sight Glass

EXTRA-KLEAN LIQUID-LINE COMPACTED-BEAD FILTER-DRIER BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Approved for POE Oils. Premium universal replacement liquid-line filter-drier for CFC, HCFC AND HFC refrigerants including R-410A (R-410A through 16 CI only).



SERVICEFIRST ITEM NO.	MFG. NO.	CI SIZE	CONNECTION SIZE	CONNECTIONS IN / OUT		PRICE
DHY00131	EK032	3	1/4"	SAE Male		
DHY00816	EK032MF	3	1/4"	SAE Male	SAE Female	
DHY00133	EK032FM	3	1/4"	SAE Female	SAE Male	
DHY00132	EK032S	3	1/4"	ODF		
DHY00135	EK033	3	3/8"	SAE Male		
DHY00136	EK033S	3	3/8"	ODF		
DHY00137	EK052	5	1/4"	SAE Male		
DHY00138	EK052S	5	1/4"	ODF		
DHY00817	EK052MF	5	1/4"	SAE Male	SAE Female	
DHY00139	EK053	5	3/8"	SAE Male		
DHY00140	EK053S	5	3/8"	ODF		
DHY00141	EK082	8	1/4"	SAE Male		
DHY00142	EK082S	8	1/4"	ODF		
DHY00324	EK0825S	8	5/16"	ODF		
DHY00143	EK083	8	3/8"	SAE Male		
DHY00144	EK083S	8	3/8"	ODF		
DHY00145	EK084	8	1/2"	SAE Male		
DHY00146	EK084S	8	1/2"	ODF		
DHY00147	EK162	16	1/4"	SAE Male		
DHY00148	EK162S	16	1/4"	ODF		
DHY00818	EK1625S	16	5/16"	ODF		
DHY00149	EK163	16	3/8"	SAE Male		
DHY00150	EK163S	16	3/8"	ODF		
DHY00151	EK164	16	1/2"	SAE Male		
DHY00152	EK164S	16	1/2"	ODF		
DHY00153	EK165	16	5/8"	SAE Male		
DHY00154	EK165S	16	5/8"	ODF		
DHY00155	EK167S	16	7/8"	ODF		
DHY00156	EK303	30	3/8"	SAE Male		
DHY00157	EK303S	30	3/8"	ODF		
DHY00158	EK304	30	1/2"	SAE Male		
DHY00159	EK304S	30	1/2"	ODF		
DHY00160	EK305	30	5/8"	SAE Male		
DHY00161	EK305S	30	5/8"	ODF		
DHY00819	EK306S	30	3/4"	ODF		
DHY00820	EK307S	30	7/8"	ODF		
DHY00821	EK309S	30	1 1/8"	ODF		
DHY00165	EK413	40	3/8"	SAE Male		
DHY00166	EK414	40	1/2"	SAE Male		
DHY00167	EK414S	40	1/2"	ODF		
DHY00168	EK415	40	5/8"	SAE Male		
DHY00169	EK415S	40	5/8"	ODF		
DHY00170	EK417S	40	7/8"	ODF		
DHY00171	EK419S	40	1 1/8"	ODF		
DHY00172	EK757S	70	7/8"	ODF		
DHY00173	EK759S	70	1 1/8"	ODF		

ADK BLOCK-STYLE LIQUID-LINE FILTER-DRIER BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Use with CFC and HCFC refrigerants (R-410A through 16 CI only). ADK series. Emerson Climate Technologies Flow Controls block filter-driers are specifically designed to protect the refrigerant system from liquid and solid contaminants. They incorporate a desiccant specially formulated and blended for maximum moisture, and include advanced materials to remove acid and prevent wax buildup.

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTIONS IN / OUT	PRICE
DHY00387	ADK032	3	1/4	SAE	
DHY00388	ADK032S	3	1/4	ODF	
DHY00389	ADK033	3	3/8	SAE	
DHY00390	ADK033S	3	3/8	ODF	
DHY00391	ADK052	5	1/4	SAE	
DHY00392	ADK052S	5	1/4	ODF	
DHY00393	ADK053	5	3/8	SAE	
DHY00097	ADK053S	5	3/8	ODF	
DHY00395	ADK082	8	1/4	SAE	
DHY00396	ADK082S	8	1/4	ODF	
DHY00825	ADK083	8	3/8	SAE	
DHY00826	ADK083S	8	3/8	ODF	
DHY00398	ADK084	8	1/2	SAE	
DHY00827	ADK084S	8	1/2	ODF	
DHY00828	ADK162	16	1/4	SAE	
DHY00829	ADK163	16	3/8	SAE	
DHY00830	ADK163S	16	3/8	ODF	
DHY01025	ADK164	16	3/8	SAE	
DHY00831	ADK164S	16	1/2	ODF	
DHY00402	ADK165	16	5/8	SAE	
DHY00832	ADK165S	16	5/8	ODF	
DHY00834	ADK303	30	3/8	SAE	
DHY00854	ADK303S	30	3/8	ODF	
DHY00404	ADK304	30	1/2	SAE	
DHY00835	ADK304S	30	1/2	ODF	
DHY01026	ADK305	30	5/8	SAE	
DHY00836	ADK305S	30	5/8	ODF	
DHY00837	ADK307S	30	7/8	ODF	
DHY00838	ADK309S	30	1 1/8	ODF	
DHY00407	ADK413	41	3/8	SAE	
DHY01022	ADK414	41	1/2	SAE	
DHY00839	ADK414S	41	1/2	ODF	
DHY01023	ADK415	41	5/8	SAE	
DHY00840	ADK415S	41	5/8	ODF	
DHY00841	ADK417S	41	7/8	ODF	
DHY00842	ADK419S	41	1 1/8	ODF	
DHY01024	ADK757S	75	7/8	ODF	
DHY00843	ADK759S	75	1 1/8	ODF	

BOK LIQUID-LINE BURNOUT FILTER-DRIER BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

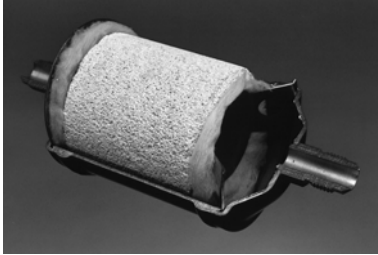
HH blended solid core for burnout cleanup. Charcoal blend for contaminant and wax removal.

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTIONS IN / OUT	PRICE
DHY00887	BOK-082-HH	8	1/4"	SAE Male	
DHY00888	BOK-083-HH	8	3/8"	SAE Male	
DHY00889	BOK-162-HH	16	1/4"	SAE Male	
DHY00890	BOK-163-HH	16	3/8"	SAE Male	
DHY00891	BOK-163S-HH	16	3/8"	ODF	
DHY00892	BOK-164-HH	16	1/2"	SAE Male	
DHY00893	BOK-164S-HH	16	1/2"	ODF	
DHY00894	BOK-165-HH	16	5/8"	SAE Male	
DHY00895	BOK-165S-HH	16	5/8"	ODF	
DHY00201	BOK-303-HH	30	3/8"	SAE Male	
DHY00326	BOK-303S-HH	30	3/8"	ODF	
DHY00898	BOK-304-HH	30	1/2"	SAE Male	
DHY00810	BOK-304S-HH	30	1/2"	ODF	
DHY00896	BOK-305-HH	30	5/8"	SAE Male	
DHY00328	BOK-305S-HH	30	5/8"	ODF	
DHY00897	BOK-414-HH	40	1/2"	SAE Male	
DHY00207	BOK-415-HH	40	5/8"	SAE Male	
DHY00208	BOK-417S-HH	40	7/8"	ODF	

ALF LIQUID-LINE FILTER BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Liquid-line filter ideal for protecting solenoid and expansion valves from debris.

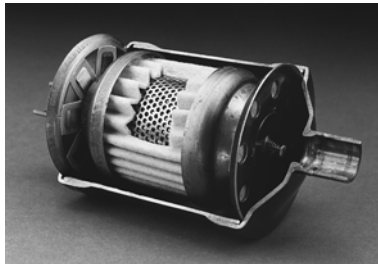
SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTIONS IN / OUT		PRICE
FLR03842	ALF 032 MF	3	1/4"	SAE Male	SAE Female	
FLR03841	ALF 032 FM	3	1/4"	SAE Female	SAE Male	
FLR03843	ALF 032 S	3	1/4"	ODF		
FLR03844	ALF 032 3	3	1/4"	SAE Male		
FLR03845	ALF 033 S	3	3/8"	ODF		
FLR03846	ALF 034 S	3	1/2"	ODF		



UDK LIQUID-LINE FILTER-DRIER SOLID CORE BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Emerson Climate Technologies Flow Controls UDK solid-core filter-drier, blended for use with all refrigerants (CFC, HCFC, HFC) including R-410A. Specifically designed to protect the refrigerant system from liquid and solid contaminants. They incorporate a desiccant specially formulated and blended for maximum moisture, and include advanced materials to remove acid and prevent wax buildup.

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTION TYPE	PRICE
DHY00882	UDK-083S	8	3/8"	ODF	
DHY00883	UDK-084S	8	1/2"	ODF	
DHY00884	UDK-163S	16	3/8"	ODF	
DHY00885	UDK-164S	16	1/2"	ODF	



BFK LIQUID-LINE BI-DIRECTIONAL HEAT PUMP FILTER-DRIER BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

For use with CFC, HCFC, HFC refrigerants.

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTIONS IN / OUT	PRICE
DHY00325	BFK0825S	8	5/16"	ODF	
DHY00098	BFK083	8	3/8"	SAE Male	
DHY00099	BFK083S	8	3/8"	ODF	
DHY00809	BFK084	8	1/2"	SAE Male	
DHY00101	BFK084S	8	1/2"	ODF	
DHY00103	BFK085S	8	5/8"	ODF	
DHY00104	BFK163	16	3/8"	SAE Male	
DHY00105	BFK163S	16	3/8"	ODF	
DHY00106	BFK164	16	1/2"	SAE Male	
DHY00107	BFK164S	16	1/2"	ODF	
DHY00108	BFK165	16	5/8"	SAE Male	
DHY00109	BFK165S	16	5/8"	ODF	
DHY00970	BFK307S	30	7/8"	ODF	

SPUN-COPPER SOLID-CORE LIQUID-LINE FILTER-DRIER BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Use with CFC, HCFC and HFC refrigerants. Superior corrosion resistance in ocean-going vessels and coastal applications.

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	CONNECTION SIZE	CONNECTIONS IN / OUT	PRICE
DHY00880	CU034/25S	3		1/2" ODF 5/16" ODF	
DHY00881	CU054/25S	5		1/2" ODF 5/16" ODF	
DHY00939	CU083S STD	8	3/8"	ODF	
DHY00957	CU084S STD	8	1/2"	ODF	
DHY00940	CU163S STD	16	3/8"	ODF	
DHY00958	CU164S STD	16	1/2"	ODF	

ASD SUCTION-LINE FILTER-DRIER BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

ASD series. Emerson Climate Technologies Flow Controls ASD suction-line filter-driers incorporate the protective filter plus a desiccant specially blended for maximum moisture and acid removal. Compressor manufacturers recommend the installation of suction-line filter-driers to protect their equipment from contaminants left in the system after a burnout.

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTIONS IN / OUT	STD. PACK	PRICE
DHY00361	ASD28F3	28	3/8"	SAE Male	10	
DHY00174	ASD28S3 VV	28	3/8"	ODF	10	
DHY00175	ASD28S4 VV	28	1/2"	ODF	10	
DHY00176	ASD35F5 VV	35	5/8"	SAE Male	10	
DHY00177	ASD35S5 VV	35	5/8"	ODF	10	
DHY00178	ASD45S6 VV	45	3/4"	ODF	10	
DHY00179	ASD45S7 VV	45	7/8"	ODF	10	
DHY00180	ASD50S9 VV	50	1 1/8"	ODF	10	



SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTIONS IN / OUT	STD. PACK	PRICE
DHY00181	ASD75S11 VV	75	1 ³ / ₈ "	ODF	6	
DHY00182	ASD75S13 VV	75	1 ⁵ / ₈ "	ODF	6	

SFD SUCTION-LINE FILTER-DRIER SERIES FOR RESIDENTIAL/LIGHT COMMERCIAL BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

SFD series. Emerson Climate Technologies Flow Controls SFD suction-line filter-driers incorporate a protective filter, plus a desiccant specially blended for maximum moisture and acid removal. Compressor manufacturers recommend the installation of suction-line filter-driers to protect their equipment from contaminants left in the system after a burnout.



SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	SIZE	CONNECTIONS IN / OUT	PRICE
DHY00284	SFD-13F3-W	13	3/8"	ODF	
DHY00235	SFD-13S3-W	13	3/8"	ODF	
DHY00236	SFD-13S4-W	13	1/2"	ODF	
DHY00237	SFD-13S5-W	13	5/8"	ODF	
DHY00238	SFD-13S6-W	13	3/4"	ODF	
DHY00239	SFD-13S7-W	13	7/8"	ODF	
DHY00240	SFD-27S7-W	27	7/8"	ODF	
DHY00241	SFD-27S9-W	27	1 ¹ / ₈ "	ODF	
DHY00242	SFD-54S11-W	54	1 ³ / ₈ "	ODF	
DHY00243	SFD-54S13-W	54	1 ⁵ / ₈ "	ODF	

CSFD SUCTION-LINE FILTER DRIER, COMPACT WITH ACCESS VALVES BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

The Emerson Climate Technologies Flow Controls CSFD filter-drier should be used for motor-burnout clean-up applications. It uses a molded desiccant core block that effectively removes and holds a maximum amount of contaminants with a minimum pressure drop. Compressor manufacturers recommend the installation of suction-line filter-driers to protect their equipment from contaminants left in the system after a burnout.



SERVICEFIRST ITEM NO.	MFG. NO.	SIZE	CONNECTION TYPE	PRICE
DHY00811	CSFD-144SVV	1/2"	ODF	
DHY00812	CSFD-145SVV	5/8"	ODF	
DHY00813	CSFD-146SVV	3/4"	ODF	
DHY00814	CSFD-147SVV	7/8"	ODF	
DHY00815	CSFD-149SVV	1 ¹ / ₈ "	ODF	

ADKS LIQUID AND SUCTION LINE FILTER-DRIER

Replaceable core filter-drier for CFC, HCFC and HFC refrigerants. Full flow fittings for low-pressure drop. Corrosion-resistant epoxy powder paint finish. Sturdy steel shells for durability.

SERVICEFIRST ITEM NO.	MFG. NO.	CU. IN.	CONNECTIONS	FULL CAPACITY IN TONS @ 1 PSI			PRICE
				R-12	R-22	R-502	
DHY00127	ADKS 30013T	300	1 ⁵ / ₈ ODF	57	76	49	
DHY00128	ADKS 30017T	300	2 ¹ / ₈ ODF	69	92	59	
DHY00129	ADKS 40017T	400	2 ¹ / ₈ ODF	73	97	63	
DHY00130	ADKS 40021T	400	2 ⁵ / ₈ ODF	83	110	71	

ACID TEST KIT BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

The Emerson Climate Technologies Flow Controls Universal Acid Test Kit is a quick and easy test kit for use with all types of refrigeration oils, including polyolester (POE) oils. It contains two bottles and a four-step procedure to provide consistent test results. By changing the percentage of oil sample taken, the acid number of the oil can be accurately determined. The phase separation provides a positive color change regardless of the color or condition of oil. Each kit contains everything needed to conduct one test. When in doubt, use the ACID ALERT UNIVERSAL REFRIGERATION OIL TEST KIT.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT06815	AA KIT Universal	Universal Acid Test Kit, POE & Mineral Oil	

STEEL REPLACEABLE CORE SHELLS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Simplified internal hardware for ease of installation. Full-flow fittings for low pressure drop. Corrosion-resistant epoxy paint finish. Rugged steel shells for durability. Maximum working pressure: 500 PSIG-T (LL); 400 PSIG-Sr(SL).



SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	CONNECTIONS	FLOW CAPACITY TONS AT 1 PSI			PRICE
				R-12	R-22	R-502	
DHY00110	STAS 485T	48	5/8 ODF	15	21	13	
DHY00111	STAS 487T	48	7/8 ODF	28	38	24	
DHY00112	STAS 489T	48	1 ¹ / ₈ ODF	40	53	34	
DHY00113	STAS 4811T	48	1 ³ / ₈ ODF	46	61	39	
DHY00115	STAS 967T	96	7/8 ODF	31	41	26	

SERVICEFIRST ITEM NO.	MFG. NO.	SIZE CI	CONNECTIONS	FLOW CAPACITY TONS AT 1 PSI			PRICE
				R-12	R-22	R-502	
DHY00116	STAS 969T	96	1 $\frac{1}{8}$ ODF	47	63	40	
DHY00117	STAS 9611T	96	1 $\frac{3}{8}$ ODF	59	79	51	
DHY00118	STAS 9613T	96	1 $\frac{5}{8}$ ODF	64	85	55	
DHY00342	A-TD-9625S-V	96	3 $\frac{1}{8}$ ODF	71	95	61	
DHY00120	STAS 1449T	144	1 $\frac{1}{8}$ ODF	46	61	39	
DHY00121	STAS 14411T	144	1 $\frac{3}{8}$ ODF	66	88	57	
DHY00122	STAS 14413T	144	1 $\frac{5}{8}$ ODF	73	97	63	
DHY00123	STAS 14417T	144	2 $\frac{1}{8}$ ODF	84	112	72	
DHY00124	STAS 19211T	192	1 $\frac{3}{8}$ ODF	71	94	61	
DHY00125	STAS 19213T	192	1 $\frac{5}{8}$ ODF	77	103	66	
DHY00126	STAS 19217T	192	2 $\frac{1}{8}$ ODF	87	115	74	

FILTER-DRIER CORES BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

For ADKS and STAS shells. System protectors. Take-a-part liquid and suction cores. 12 per pack unless otherwise noted.

D-48 Standard Capacity Block—The block provides system protection from water and acids in the majority of general-purpose applications. It is used singly or in multiples in shells of 48 through 192 cubic inches.

H-48 and 100 High Capacity Block—The filter-drier block similar to the SC-48, except with much greater water capacities for critical applications or where system conditions indicate the presence of an abnormal amount of water.

W-48 and 100 Burnout Block—A filter-drier block possessing water capacities comparable to the high capacity block, and also featuring activated carbon to afford optimum contaminant cleanup following a motor burnout. This ingredient also provides wax and resin control on R-22 and R-502 low-temperature applications.



SERVICEFIRST ITEM NO.	MFG. NO.	REFRIGERANT	FUNCTION	PRICE
COR00018	D-48	CFC, HCFC	High acid removal	
COR00019	H-48	CFC, HCFC	High acid and water removal	
COR00020	W-48-HH	CFC, HCFC, HFC	Burnout cleanup	
COR00021	H-100	CFC, HCFC	High acid and water removal	
COR00022	W-100-HH	CFC, HCFC, HFC	Burnout cleanup	
COR00049	RH-48		Recycling block high water capacity	
COR00051	RD-48		Recycling block high acid capacity	
COR00052	H-42	CFC, HCFC	High acid and water removal	
COR00053	D-42	CFC, HCFC	High acid removal	
COR00057	UK-48	CFC, HCFC, HFC	Universal replacement	
COR00067	F-48R	CFC, HCFC, HFC	Filter (suction only)	
KIT07667	F-100	CFC, HCFC, HFC	Filter (suction only)	

HMI MOISTURE INDICATORS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

100% hermetic design. Premium 3% high accuracy moisture indicator of CFC, HCFC, and HFC refrigerants including R-410A. Wide angle viewing/high window for ease of monitoring, all brass corrosion-resistant body, solid copper fittings.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
GLS00878	HMI-1MM2	1/4" male flare x male flare	
GLS00879	HMI-1MM3	3/8" male flare x male flare	
GLS00880	HMI-1MM4	1/2" male flare x male flare	
GLS00881	HMI-1MM5	5/8" male flare x male flare	
GLS00882	HMI-1FM2	1/4" female flare x male flare	
GLS00883	HMI-1FM3	3/8" female flare x male flare	
GLS00884	HMI-1FM4	1/2" female flare x male flare	
GLS00885	HMI-1MU2	1/4" male flare x female flare swivel nut	
GLS00886	HMI-1MU3	3/8" male flare x female flare swivel nut	
GLS00887	HMI-1MU4	1/2" male flare x female flare swivel nut	
GLS00888	HMI-1FU4	1/2" female flare x female flare swivel nut	
GLS00889	HMI-1TT2	1/4" sweat x sweat (OD female)	
GLS00890	HMI-1TT3	3/8" sweat x sweat (OD female)	
GLS00891	HMI-1TT4	1/2" sweat x sweat (OD female)	
GLS00892	HMI-1TT5	5/8" sweat x sweat (OD female)	
GLS00893	HMI-1TT7	7/8" sweat x sweat (OD female)	
GLS00894	HMI-1TT9	1 1/8" sweat x sweat (OD female)	



AMI MOISTURE INDICATORS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

AMI Series. Single indicator for all common refrigerants. Accurate color calibration (safe, caution, unsafe). Wide-angle viewing. Straight-through flow pattern. High visibility. Exclusive fused-glass eyepiece; no leakage. Easy assembly with standard wrench. Simple O-ring seal construction. Forged solid brass body. SWP: 500 PSI. Burst pressure: 2500 PSI. For CFC, HCFC, and HFC refrigerants including R-410A.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
GLS00122	AMI-1MU5	5/8 SAE	
GLS00125	AMI-1SS2	1/4 SAE	
GLS00126	AMI-1SS3	3/8 ODF	
GLS00127	AMI-1SS4	1/2 ODF	
GLS00128	AMI-1SS5	5/8 ODF	
GLS00129	AMI-1SS7	7/8 ODF	
GLS00130	AMI-1SS9	1 1/8 ODF	
GLS00131	AMI-1SU2	1/4 ODF x 1/4 SAE	
GLS00132	AMI-1SU3	3/8 ODF x 3/8 SAE	
GLS00133	AMI-1SU4	1/2 ODF x 1/2 SAE	
GLS00841	AMI-1 TT 9 STD	1 1/8 ODF	
GLS00842	AMI-1 TT 11 STD	1 3/8 ODF	

ALM HERMETIC LIQUID MOISTURE INDICATOR BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

ALM Series. Emerson Climate Technologies Flow Controls' liquid moisture indicators are highly sensitive to moisture and will gradually change color in direct relation to an increase or decrease in the moisture content of the system. Colors change as often as the system moisture content changes Solid copper fittings. For use with CFC, HCFC and HFC refrigerants.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
GLS00181	ALM1TT2	1/4" ODF	
GLS00183	ALM1TT4	1/2" ODF	
GLS00185	ALM1TT7	7/8" ODF	

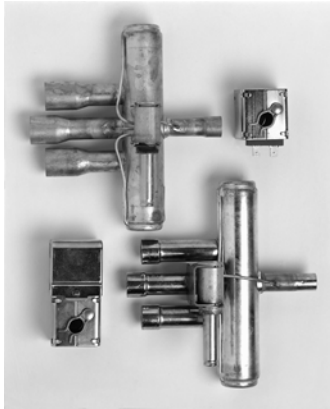
Refrigeration Valves

BALL VALVES BY HENRY

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
Without Access Fitting			
VAL06650	905203	Ball, full port, 3/8" odf	
VAL06652	905204	Ball, full port, 1/2" odf	
VAL06654	905205	Ball, full port, 5/8" odf	
VAL06656	905307	Ball, full port, 7/8" odf	
VAL06658	905409	Ball, full port, 1 1/8" odf	
VAL06640	905511	Ball, full port, 1 3/8" odf	
VAL06642	905613	Ball, full port, 1 5/8" odf	
VAL06644	905717	Ball, full port, 2 1/8" odf	
VAL06646	905721	Ball, 2 5/8" odf	
VAL06648	905725	Ball, 3 1/8" odf	
With Access Fitting			
VAL06651	935203	Ball, full port, 3/8" odf	
VAL06653	935204	Ball, full port, 1/2" odf	
VAL06655	935205	Ball, full port, 5/8" odf	
VAL06657	935307	Ball, full port, 7/8" odf	
VAL06659	935409	Ball, full port, 1 1/8" odf	
VAL06641	935511	Ball, full port, 1 3/8" odf	
VAL06643	925613	Ball, full port, 1 5/8" odf	
VAL06645	935717	Ball, full port, 2 1/8" odf	
VAL06647	935721	Ball, 2 5/8" odf	
VAL06649	935725	Ball, 3 3/8" odf	

GAS VALVES BY RUB

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
VAL06748	195D41	Valve; ball, .500 NPTI, 450 PSI, -40°F TO +350°F, brass body, 1/2" NPTF (AGA)	
VAL06749	195E41	Valve; ball, .500 NPTI, 450 PSI, -40°F TO +350°F, brass body, 3/4" NPTF (AGA)	
VAL06750	195F41	Valve; ball, .500 NPTI, 450 PSI, -40°F TO +350°F, brass body, 1" NPTF (AGA)	



REVERSING VALVES BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

SERVICEFIRST ITEM NO.	MFG. NO.	SYSTEM SIZE	CONNECTION		PRICE
			DISCHARGE	SUCTION	
VAL06011	RV2F35	2.6	3/8" ODF	5/8" ODF	
VAL06370	RV235	2.6	3/8" ODM	5/8" ODF	
VAL07118	RV345D1	3.1	1/2" ODM	5/8" ODF	
VAL06010	RV3F45D1	3.1	1/2" ODF	5/8" ODF	
VAL04972	RV457	4.2	5/8" ODM	7/8" ODF	
VAL04971	RV4F46	4.2	1/2" ODF	3/4" ODF	
VAL05052	RV456	4.2	5/8" ODF	3/4" ODF	
VAL04973	RV6F46	6.0	1/2" ODF	3/4" ODF	
VAL04974	RV6F47	6.0	1/2" ODF	7/8" ODF	
VAL04975	RV6F57	6.0	5/8" ODF	7/8" ODF	
VAL04976	RV6F67	6.0	3/4" ODF	7/8" ODF	

HOLDING COILS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

SERVICEFIRST ITEM NO.	DESCRIPTION	PRICE
COL03779	24 Volt, 50/60 Hz	
COL03780	120 Volt, 50/60 Hz	
COL03781	208/240 Volt, 50/60 Hz	
COL03782	480 Volt, 50/60 Hz	

A-SERIES THERMO EXPANSION VALVE, UNIVERSAL REPLACEMENT, BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

The HAA charge is a special high-stability charge designed for R-22 HVAC applications. The HAA wide-range charge provides greater superheat stability, allowing (in most cases) two valves to cover a wide range of capacities from 1 to 5 tons. The HAA charge is now available for "A" series expansion valves for R-22 applications.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
VAL07065	AACE 2 1/2	HAA ODF EE 30", 3/8 x 1/2 ODF S/T 6A, R-22 capacity range 1 to 3 tons	
VAL07066	AACE 5	HAA ODF EE 30", 3/8 x 1/2 ODF S/T 6A, R-22 capacity range 3 1/2 to 5 tons	
VAL07067	AACE 2 1/2	HAA cap tube EE w/nut 30" chatleff x chatleff S/T 6A	
VAL07068	AACE 5	HAA cap tube EE w/nut 30" chatleff x chatleff S/T 6A	

THERMOSTATIC EXPANSION VALVES BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Integral brass body construction. Straight-through line construction. Stainless-steel diaphragm construction. External superheat adjustment. 1/4" SAE external equalizer. Five-foot standard-length remote bulb with charge for air-conditioner and heat pump applications.



SERVICEFIRST ITEM NO.	MFG. NO.	SYSTEM SIZE	CONNECTION		PRICE
			DISCHARGE	SUCTION	
VAL02368	AAEB1HCA	1.0	3/8"	1/2"	
VAL02369	AAEB1 1/2 HCA	1.5	3/8"	1/2"	
VAL02370	AAEB2HCA	2.0	3/8"	1/2"	
VAL02371	AAEB2 1/2 HCA	2.5	3/8"	1/2"	
VAL02372	AAEB3HCA	3.0	3/8"	1/2"	
VAL02373	AAEB4HCA	4.0	3/8"	1/2"	
VAL02374	AAEB4HCA	4.0	3/8"	5/8"	
VAL02375	AAEB4HCA	4.0	1/2"	7/8"	
VAL02376	AAEB5HCA	5.0	3/8"	1/2"	
VAL02377	AAEB5HCA	5.0	1/2"	5/8"	
VAL02378	AAEB5HCA	5.0	1/2"	7/8"	
VAL06605	TRAE+10HCA	10.0	1/2"	7/8"	
VAL06606	TRAE+10HCA	10.0	5/8"	7/8"	
VAL06607	TRAE+15HCA	15.0	5/8"	7/8"	
VAL06608	TRAE+15HCA	15.0	5/8"	1 1/8"	
VAL06609	TRAE+20HCA	20.0	5/8"	1 1/8"	
VAL06610	TRAE+20HCA	20.0	7/8"	1 1/8"	
VAL06611	TRAE+20HCA	20.0	7/8"	1 3/8"	
VAL06612	TRAE+30HCA	30.0	7/8"	1 1/8"	
VAL06613	TRAE+30HCA	30.0	7/8"	1 3/8"	
VAL06614	TRAE+40HCA	40.0	7/8"	1 1/8"	
VAL06615	TRAE+40HCA	40.0	1 1/8"	1 3/8"	
VAL02391	TRAE50HW	50.0	1 1/8"	1 3/8"	
VAL02392	TRAE60HW	60.0	1 1/8"	1 3/8"	
VAL02393	TRAE70HW	70.0	1 1/8"	1 3/8"	

THERMOSTATIC EXPANSION VALVES TAKE-A-PART SERIES BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Take-a-part series, integral brass construction, Take-a-part straight-through and angle style, interchangeable power head and cages with universal bulb charge. Valve assemblies, less flange. Includes power assembly, cage, and cap screws. External superheat adjustment in both straight-through and angle connections.

SERVICEFIRST ITEM NO.	MFG. NO.	SYSTEM SIZE	CAPACITY TUBE	PRICE
VAL03013	TCLE2HW	2.0	5'	
VAL03014	TCLE3HW	3.0	5'	
VAL03015	TCLE5HW	5.0	5'	
VAL03016	TCLE7½HW	7.5	5'	
VAL03017	TCLE10HW	10.0	5'	
VAL03018	TCLE12HW	12.0	5'	
VAL03019	TJRE14HW	14.0	5'	
VAL03020	TJRE18HW	18.0	5'	
VAL03021	TER22HW	22.0	10'	
VAL03022	TER26HW	26.0	10'	
VAL03023	TER35HW	35.0	10'	
VAL03024	TER45HW	45.0	10'	
VAL03025	TIR55HW	55.0	10'	
VAL03026	THR75HW	75.0	10'	
VAL03027	THR100HW	100.0	10'	

THERMOSTATIC EXPANSION VALVES/FLANGE BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

Angle-style flanges for Emerson Climate Technologies Flow Controls Take-A-Part Expansion Valves.



SERVICEFIRST ITEM NO.	EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS BODY	VALVE TYPE	SIZE AND STYLE INLET	CONNECTIONS OUTLET	CAP SCREWS	PRICE
FLG00240	C-500-4	TL(E) & TCL(E)	3/8" SAE	1/2" SAE	SCR01025	
FLG00241	C-500-5	TL(E) & TCL(E)	3/8" SAE	5/8" SAE	SCR01025	
FLG00242	C-500-6	TL(E) & TCL(E)	1/2" SAE	5/8" SAE	SCR01025	
FLG00243	C-501-1	TL(E) & TCL(E)	1/4" ODF	3/8" ODF	SCR01025	
FLG00244	C-501-4	TL(E) & TCL(E)	3/8" ODF	1/2" ODF	SCR01025	
FLG00245	C-501-5	TL(E) & TCL(E)	3/8" ODF	5/8" ODF	SCR01025	
FLG00246	C-501-7	TL(E) & TCL(E)	1/2" ODF-5/8" ODF	5/8" ODF-7/8" ODF	SCR01025	
FLG00572	C-500-7	TL(E) & TCL(E)	1/4" SAE-5/8" ODF	1/2" SAE-7/8" ODF	SCR01025	
FLG00573	C-500-8	TL(E) & TCL(E)	1/4" SAE	3/8" SAE	SCR01025	
FLG00574	C-501-2	TL(E) & TCL(E)	1/4" ODF	1/2" ODF	SCR01025	
FLG00575	C-501-3	TL(E) & TCL(E)	3/8" ODF	3/8" ODF	SCR01025	
FLG00263	9153	TER	7/8" ODF-1 1/8" ODM	7/8" ODF-1 1/8" ODM	SCR01027	
FLG00267	9149	THR	1 1/8" ODM	1 1/8" ODM	SCR01028	
FLG00265	9151	TIR	7/8" ODF-1 1/8" ODM	7/8" ODF-1 1/8" ODM	SCR01028	
FLG00571	B-504	TJLE	5/8" ODF-7/8" ODM	7/8" ODF-1 1/8" ODM		
FLG00261	10331	TJRE	7/8" ODF-1 1/8" ODM	7/8" ODF-1 1/8" ODM	SCR01027	

Straight-thru Style

FLG00248	X6669-4	TL(E) & TCL(E)	3/8" SAE	1/2" SAE	SCR01025	
FLG00249	X6669-1	TL(E) & TCL(E)	3/8" SAE	5/8" SAE	SCR01025	
FLG00250	X6669-5	TL(E) & TCL(E)	1/2" SAE	1/2" SAE	SCR01025	
FLG00251	X6669-2	TL(E) & TCL(E)	1/2" SAE	5/8" SAE	SCR01025	
FLG00252	9761-5	TL(E) & TCL(E)	3/8" ODF	1/2" ODF	SCR01025	
FLG00253	9761-3	TL(E) & TCL(E)	3/8" ODF	5/8" ODF	SCR01025	
FLG00254	9761-69	TL(E) & TCL(E)	1/2" ODF	1/2" ODF	SCR01025	
FLG00255	9761-4	TL(E) & TCL(E)	1/2" ODF	5/8" ODF	SCR01025	
FLG00256	9761-2	TL(E) & TCL(E)	1/2" ODF	7/8" ODF	SCR01025	
FLG00257	X-6346-16	TL(E) & TCL(E)	5/8" ODF	5/8" ODF	SCR01025	
FLG00258	X-6346-17	TL(E) & TCL(E)	5/8" ODF	7/8" ODF	SCR01025	
FLG00259	X-6346-18	TL(E) & TCL(E)	5/8" ODF	1 1/8" ODF	SCR01025	
FLG00260	X-6346-34	TL(E) & TCL(E)	7/8" ODF	1 1/8" ODF	SCR01025	
FLG00264	9152	TER	7/8" ODF-1 1/8" ODM	7/8" ODF-1 1/8" ODM	SCR01027	
FLG00268	9148	THR	1 1/8" ODF	1 1/8" ODM	SCR01028	
FLG00266	9150	TIR	7/8" ODF-1 1/8" ODM	7/8" ODF-1 1/8" ODM	SCR01028	
FLG00582	X-6347-2	TJLE	5/8" ODF	1 1/8" ODF		
FLG00583	X-6347-6	TJLE	7/8" ODF	1 1/8" ODF		
FLG00584	X-6347-7	TJLE	7/8" ODF	1 3/8" ODF		
FLG00262	10332	TJRE	7/8" ODF-1 1/8" ODM	7/8" ODF-1 1/8" ODM	SCR01027	

REPLACEMENT POWER HEADS BY EMERSON CLIMATE TECHNOLOGIES FLOW CONTROLS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HED00013	XB1019HW-1B	½ through 18 ton R-22, 5' capacity tube	
HED00014	XB1019HW-2B	½ through 18 ton R-22, 10' capacity tube	
HED00015	XC726HW-2B	22 through 100 ton R-22, 10' capacity tube	

HFK BALANCED PORT THERMO EXPANSION VALVE

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HFK Pre-Packaged Kits			
KIT07521	KT-20300-1	HFK SAE Service, KT-20300-1	
KIT07522	KT-20300-2	HFK ODF Service, KT-20300-2	
KIT07523	KT-20300-3	HFK ODF/SAE Service, KT-20300-3	
KIT07524	KT-20301-1	HFK Cage KT-20301-1	

Body Selection

BOD00819	KT-20298-1	HFK, ¼ x ½ SAE Ang Inlet,
BOD00820	KT-20298-2	HFK, ⅜ x ½ SAE Ang Inlet,
BOD00821	KT-20298-3	HFKE, ¼ x ½ SAE Ang Inlet
BOD00822	KT-20298-4	HFKE, ⅜ X ½ SAE Ang Inlet
BOD00823	KT-20298-5	HFKSC, ⅜ x ½ ODF Ang Inlet W/Strainer
BOD00824	KT-20298-6	HFKESC, ⅜ x ½ ODF Ang Inlet W/Strainer
BOD00825	KT-20298-7	HFKS, ⅜ x ½ ODF S/T
BOD00826	KT-20298-8	HFKS, ⅜ x ⅝ ODF S/T
BOD00827	KT-20298-9	HFKS, ½ x ⅝ ODF S/T
BOD00828	KT-20298-10	HFKS, ½ x ⅞ ODF S/T
BOD00829	KT-20298-11	HFKES, ⅜ x ½ ODF S/T
BOD00830	KT-20298-12	HFKES, ⅜ x ⅝ ODF S/T
BOD00831	KT-20298-13	HFKES, ½ x ⅝ ODF S/T
BOD00832	KT-20298-14	HFKES, ½ x ⅞ ODF S/T

Cage Selection

CAG00127	KT-20299-0	Cage, Assembly, HFK Expansion Valve Series, Cage Code 0
CAG00128	KT-20299-1	Cage, Assembly, HFK Expansion Valve Series, Cage Code 1
CAG00129	KT-20299-2	Cage, Assembly, HFK Expansion Valve Series, Cage Code 2
CAG00130	KT-20299-3	Cage, Assembly, HFK Expansion Valve Series, Cage Code 3
CAG00131	KT-20299-4	Cage, Assembly, HFK Expansion Valve Series, Cage Code 4
CAG00132	KT-20299-5	Cage, Assembly, HFK Expansion Valve Series, Cage Code 5
CAG00133	KT-20299-6	Cage, Assembly, HFK Expansion Valve Series, Cage Code 6
CAG00134	KT-20299-7	Cage, Assembly, HFK Expansion Valve Series, Cage Code 7

Power Element Selection

HED00346	X-26300-FW 35-1	Head, Power Element HF Series, FW 35-1, R-12
HED00631	X-26300-HW 100-1	Head, Power Element HF Series, R-22, HW 100
HED00214	X-26300-HCA-1	Head, Power Element HF Series, R-22
HED00635	X-26300-SW 45-1	Head, Power Element HF Series, SW 45-1, R404A
HED00344	X-26300-FC-1	Head, Power Element HF Series, FC-1, R-12
HED00348	X-26300-HC-1	Head, Power Element HF Series, HC-1, R-22
HED00634	X-26300-SC-1	Head, Power Element HF Series, SC-1, R404A
HED00347	X-26300-FZ-1	Head, Power Element HF Series, FZ-1, R-12
HED00351	X-26300-HZ-1	Head, Power Element HF Series, HZ-1, R-22
HED00633	X-26300-SZ-1	Head, Power Element HF Series, SZ-1, R404A

HFK Kit Accessories

TOL01494	KT-20304	Tool, HFK Insertion
BOT00009	OIL BOTTLE	Bottle, HFK Oil
BOX01428	KT-20302-1	Box, HFK Service (Empty)
BOX01429	KT-20303	Box, Replacement (Empty), For HFK Cage

Evaporators and Condensers



ACME SHELL AND TUBE EVAPORATORS AND CONDENSERS FROM SERVICEFIRST

High-performance tubes for more economical cooling. Serviceable through tube design, removable heads. Controlled refrigerant velocities for positive oil return and low refrigerant-pressure drop. Rolled-in tubes and removable heads. Shell side baffling provided for high operating efficiency and reasonable fluid-pressure drops. Majority of evaporators are in stock. ServiceFirst also carries a complete line of fresh-water and marine condensers.

ACME MODEL	SERVICEFIRST ITEM NO.				RATED TONS	NO. REFRIGERATION CIRCUITS	GPM	WATER PRESSURE DROP	PRICE
	RH WITH INS	RH WITH INS HT TAPE	LH WITH INS	LH WITH INS HT TAPE					
DXC									
302-Q-4P-1C	EVP01061		EVP01063		0.6	1	1.3	0.1	
302-Q-4P-1C		EVP01062		EVP01064	0.6	1	1.3	0.1	
303-Q-4P-1C	EVP01065		EVP01067		2	1	4.8	1.5	
303-Q-4P-1C		EVP01066		EVP01068	2	1	4.8	1.5	
304-Q-4P-1C	EVP01069		EVP01071		3.8	1	9.1	7	
304-Q-4P-1C		EVP01070		EVP01072	3.8	1	9.1	7	
404-Q-4P-1C	EVP01073		EVP01075		5.1	1	12.2	3.1	
404-Q-4P-1C		EVP01074		EVP01076	5.1	1	12.2	3.1	
603-R-4P-1C	EVP01077		EVP01079		5	1	11.9	0.2	
603-R-4P-1C		EVP01078		EVP01080	5	1	11.9	0.2	
405-R-4P-1C	EVP01081		EVP01083		7.5	1	17.9	2.6	
405-R-4P-1C		EVP01082		EVP01084	7.5	1	17.9	2.6	
604-R-4P-1C	EVP01085		EVP01087		11.5	1	27.4	1.4	
604-R-4P-1C		EVP01086		EVP01088	11.5	1	27.4	1.4	
605-R-2P-2C	EVP01089		EVP01091		11.5	2	27.4	1.8	
605-R-2P-2C		EVP01090		EVP01092	11.5	2	27.4	1.8	
605-RS-4P-1	EVP01093		EVP01095		15.5	1	37	2.6	
605-RS-4P-1		EVP01094		EVP01096	15.5	1	37	2.6	
605-Q-2P-2C	EVP01097		EVP01099		15	2	35.8	6.5	
605-Q-2P-2C		EVP01098		EVP01100	15	2	35.8	6.5	
606-RS-4P-1	EVP01101		EVP01103		21.5	1	51.3	6.2	
606-RS-4P-1		EVP01102		EVP01104	21.5	1	51.3	6.2	
606-R-2P-2	EVP01105		EVP01141		19.1	2	45.3	5.9	
606-R-2P-2		EVP01106		EVP01142	19.1	2	45.3	5.9	
803-RS-4P-1C	EVP01143		EVP01107		22.5	1	53.7	1.6	
803-RS-4P-1C		EVP01144		EVP01108	22.5	1	53.7	1.6	
804-RS-2P-2C	EVP01109		EVP01111		21	2	50.1	1.6	
804-RS-2P-2C		EVP01110		EVP01112	21	2	50.1	1.6	
606-R-4P-1C	EVP01113		EVP01115		24.1	1	57.2	9.4	
606-R-4P-1C		EVP01114		EVP01116	24.1	1	57.2	9.4	
804-S-4P-2C	EVP01117		EVP01119		36	1	85.9	2.7	
804-S-4P-2C		EVP01118		EVP01120	36	1	85.9	2.7	
805-S-2P-2C	EVP01121		EVP01123		37.5	2	89.5	3.5	
805-S-2P-2C		EVP01122		EVP01124	37.5	2	89.5	3.5	
804-RS-4P-1	EVP01125		EVP01127		40.4	1	96.6	5.7	
804-RS-4P-1		EVP01126		EVP01128	40.4	1	96.6	5.7	
805-RS-2P-2	EVP01129		EVP01131		42.1	2	100.2	8.8	
805-RS-2P-2		EVP01130		EVP01132	42.1	2	100.2	8.8	
806-S-2P-1C	EVP01133		EVP01135		57.3	1	136	9.1	
806-S-2P-1C		EVP01134		EVP01136	57.3	1	136	9.1	
806-S-2P-2C	EVP01137		EVP01139		57.3	2	136	9.1	
806-S-2P-2C		EVP01138		EVP01140	57.3	2	136	9.1	
DXT									
503-Q4-1C	EVP00916		EVP00918		2.9	1	6.9	0.7	
503-Q4-1C		EVP00917		EVP00919	2.9	1	6.9	0.7	
504-Q4-1C	EVP00920		EVP00922		6.6	1	15.8	2.1	
504-Q4-1C		EVP00921		EVP00923	6.6	1	15.8	2.1	
505-Q4-1C	EVP00924		EVP00926		9.6	1	22.9	5.5	
505-Q4-1C		EVP00925		EVP00927	9.6	1	22.9	5.5	
605-Q4-1C	EVP00928		EVP00930		14	1	33.4	5	
605-Q4-1C		EVP00929		EVP00931	14	1	33.4	5	
804-Q4-1C	EVP00932		EVP00934		19	1	44.9	2.4	
804-Q4-1C		EVP00933		EVP00935	19	1	44.9	2.4	
804-Q4-2C	EVP00936		EVP00938		19	2	44.9	2.4	
804-Q4-2C		EVP00937		EVP00939	19	2	44.9	2.4	

ACME MODEL	SERVICEFIRST ITEM NO.				RATED TONS	NO. REFRIG- ERATION CIRCUITS	GPM	WATER PRESSURE DROP	PRICE
	RH WITH INS	RH WITH INS HT TAPE	LH WITH INS	LH WITH INS HT TAPE					
805-Q4-1C	EVP00940		EVP00942		26	1	62.9	5.8	
805-Q4-1C		EVP00941		EVP00943	26	1	62.9	5.8	
805-Q4-2C	EVP00944		EVP00946		26	2	62.9	5.8	
805-Q4-2C		EVP00945		EVP00947	26	2	62.9	5.8	
806-R2-1C	EVP00948		EVP00950		28	1	66	4	
806-R2-1C		EVP00949		EVP00951	28	1	66	4	
806-R2-2C	EVP00952		EVP00954		28	2	66	4	
806-R2-2C		EVP00953		EVP00955	28	2	66	4	
807-R2-1C	EVP00956		EVP00958		38	1	89.9	8.4	
807-R2-1C		EVP00957		EVP00959	38	1	89.9	8.4	
807-R2-2C	EVP00960		EVP00962		38	2	89.9	8.4	
807-R2-2C		EVP00961		EVP00963	38	2	89.9	8.4	
1007-S2-2C	EVP00964		EVP00966		48	2	114.4	2.6	
1007-S2-2C		EVP00965		EVP00967	48	2	114.4	2.6	
1008-S2-2C	EVP00968		EVP00970		64	2	153.4	5.3	
1008-S2-2C		EVP00969		EVP00971	64	2	153.4	5.3	
1009-S2-2C	EVP00972		EVP00974		76	2	181.6	8.8	
1009-S2-2C		EVP00973		EVP00975	76	2	181.6	8.8	
1208-S2-2C	EVP00976		EVP00978		98	2	234.6	7.3	
1208-S2-2C		EVP00977		EVP00979	98	2	234.6	7.3	
1410-S2-2C	EVP00980		EVP00982		127	2	301.8	6.7	
1410-S2-2C		EVP00981		EVP00983	127	2	301.8	6.7	
1610-S2-2C	EVP00984		EVP00986		156	2	370.4	6	
1610-S2-2C		EVP00985		EVP00987	156	2	370.4	6	
1810-RS2-2C	EVP00988		EVP00990		210	2	502.7	8.9	
1810-RS2-2C		EVP00989		EVP00991	210	2	502.7	8.9	
2010-RS2-2C	EVP00992		EVP00994		266	2	636.5	8.3	
2010-RS2-2C		EVP00993		EVP00995	266	2	636.5	8.3	

Tools and Test Equipment



RAYTEK

SERVICEFIRST MFG. NO. ITEM NO.		DESCRIPTION	PRICE
TOL00302	MX2	Raytek MX, -25 to 1600°F, 8" at 150', 60:1, with lighted temp reading circle, includes case	
TOL01412	ST20XX	Non-contact thermometer, 12:1 view, -25°F to 75°F, laser sight, includes case	
TOL01414	ST30XX	Raytek handheld, battery powered, noncontact thermometer, C/F button, maximum and current temperature includes case and laser sight; 12:1 viewing ratio.	
TOL01026	RAYMT4U	Raytek Minitemp, C/F degrees, current temp, 2% accuracy plus laser pointing	
KIT06566	RAYMTAPK	Raytek Minitemp assembly kit with wrist strap and pouch	

GOODWAY REAM-A-MATIC TUBE CLEANERS



SERVICEFIRST MFG. NO. ITEM NO.		DESCRIPTION	PRICE
TOL01659	RAM-4-60	Ream-A-Matic Tube Cleaner, 1/2 HP, 115V, 60 Hz, includes mobile dolly, tool storage box and foot switch	
TOL01746	RAM-4-60-R	Ream-A-Matic Tube Cleaner, 1/2 HP, (0.4KW), 115V, 60 Hz, includes mobile dolly, tool storage box and two-directional foot switch	
TOL01747	RAM-4-60-C	Ream-A-Matic Tube Cleaner, 1/2 HP, 115V, 60 Hz, includes tool storage box, single direction foot switch and heavy-duty contractor dolly	
TOL01787	RAM-4-60-R-C	Ream-A-Matic Tube Cleaner, 1/2 HP, 115V, 60 Hz, includes tool storage box, two-directional foot switch and contractor dolly	
TOL01741	RAM-4A-50	Ream-A-Matic Tube Cleaner, 1/2 HP, 220V, 50 Hz, includes mobile dolly, tool storage box and foot switch	
TOL01860	RAM-4-BASE-60	Ream-A-Matic Tube Cleaner, w/o dolly, 1/2 HP, 115V, 60 Hz, includes tool storage box, and single directional foot switch	
TOL01861	RAM-4-BASE-60-R	Ream-A-Matic Tube Cleaner, w/o dolly, 1/2 HP, 115V, 60 Hz, includes tool storage box and double directional foot switch	
TOL01734	RAM-4X-60-2	Ream-A-Matic Heavy-Duty Tube Cleaner, 1 HP, 115V, 60 Hz, includes mobile dolly, tool storage box, foot switch and 2:1 drier ratio	
TOL01660	RAM-5SF-60-3	Ream-A-Matic Tube Cleaner, 3/4 HP, 115V, 60 Hz, includes speed-feed gun, 15 ft (4.6mm) guide hose, one set of shaft feeder gears, for GTC703 series flexible shaft, mobile dolly, tool storage box and foot switch	
TOL01661	RAM-6-60	Ream-A-Matic Tube Cleaner, 1 1/2 HP, 115V, 60 Hz, includes contractor dolly, storage box, and foot switch	
TOL01745	RAM-PTC-60	Port-A-Ram Tube Cleaner, 1/2 HP, 115V, 60 Hz, single direction, direct drive, 1725 RPM	
TOL01748	RAM-5SF-60-3-C	Ream-A-Matic Tube Cleaner, 3/4 HP, 115V, 60 Hz, included speed-feed gun, 15 ft guide hose, one set of shaft feeder gears for GTC703 series flexible shafts, tool storage box, foot switch and heavy-duty contractor dolly	

GOODWAY PRESSURE WASHERS



SERVICEFIRST MFG. NO. ITEM NO.		DESCRIPTION	PRICE
TOL01726	GPW-1000-60	Hi-Pressure Washer, 115V, 60 Hz, includes 3' wand, 25' high pressure hose, 5 quick disconnect nozzles, soap container and dolly (1,000 psi at 2.2 gpm)	
TOL01679	GPW-1200-60	Portable Hi-Pressure Washer, 1.7 HP, 115V, 60 Hz, includes 3" wand, 25' high pressure hose, variable pressure nozzle and soap container (1,250 psi at 1.8 gpm)	

GOODWAY VACUUMS



SERVICEFIRST MFG. NO. ITEM NO.		DESCRIPTION	PRICE
TOL01896	EV-30	Includes filter, 8.4 gal stainless steel tank, 8 1/2' vinyl crush-proof hose, three-piece wand, 16" floor brush, 16" squeegee, 3" dusting brush and 9 1/2" crevice tool	
TOL01898	EV-30-H	Includes 99.97% H.E.P.A. filter assembly, 10.6 gal stainless steel tank, 8 1/2' vinyl crush-proof hose, three-piece wand, 16" floor brush, 16" squeegee, 3" dusting brush and 9 1/2" crevice tool; dry use only	
TOL01897	EV-60-P	Includes 20.6 gal stainless steel tank with internal pump, 8 1/2' vinyl crush-proof hose, three-piece wand and 16" squeegee tool; wet use only	
TOL02078	CTV-1500-60	Cooling tower vacuum, 1 HP, 115V, 60 Hz, includes sediment filter, two 15' hoses, single-bend 24" wand, two 36" extension tubes, 12" floor tool and 5" utility nozzle	
TOL02079	CTV-1500A-60	Cooling tower vacuum, 1 HP, 230V, 60 Hz, includes sediment filter, two 15' hoses, single-bend 24" wand, two 36" extension tubes, 12" floor tool and 5" utility nozzle	

FLEXIBLE SHAFTS BY GOODWAY

Nylon casing

For tubes 1/4" - 3/8" (6.4-9.5mm) I.D.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SHF02763	GTC-701-12	12' flexible shaft for 1/4"-3/8" ID tubes	
SHF02764	GTC-701-25	25' flexible shaft for 1/4"-3/8" ID tubes	

For tubes 7/16" - 1/2" (11.1-12.7mm) I.D.

SHF02765	GTC-702-12	12' flexible shaft for 7/16"-1/2" ID tubes	
SHF02766	GTC-702-17	17' flexible shaft for 7/16"-1/2" ID tubes	
SHF02760	GTC-702-25	25' flexible shaft for tubes 7/16"-1/2" (11.1-12.7mm) I.D.	
SHF02761	GTC-702-35	35' flexible shaft (nylon casing) (10.7m) for tubes 7/16"-1/2" (11.0-12.7mm) I.D.	
SHF02767	GTC-702-45	45' flexible shaft for 7/16"-1/2" ID tubes	

For tubes 7/16" - 1/2" (11.1-12.7mm) I.D. with quick connect fitting

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SHF02768	GTC-702Q-12	12' flexible shaft for 7/16"-1/2" ID tubes w/quick connect	
SHF02769	GTC-702Q-17	17' flexible shaft for 7/16"-1/2" ID tubes w/quick connect	
SHF02770	GTC-702Q-25	25' flexible shaft for 7/16"-1/2" ID tubes w/quick connect	
SHF02771	GTC-702Q-35	35' flexible shaft for 7/16"-1/2" ID tubes w/quick connect	
SHF02772	GTC-702Q-45	45' flexible shaft for 7/16"-1/2" ID tubes w/quick connect	

For tubes 9/16"-1" (14.3-25.4mm) I.D.

SHF02773	GTC-703-12	12' flexible shaft	
SHF02762	GTC-703-17	17' flexible shaft	
SHF02734	GTC-703-25	25' flexible shaft	
SHF02735	GTC-703-35	35' flexible shaft	
SHF02736	GTC-703-35-R5	35' flexible shaft for RAM-5	
SHF02737	GTC-703-45	45' flexible shaft	
SHF02738	GTC-703-45-R5	45' flexible shaft for RAM-5	
SHF02774	GTC-703-60	60' flexible shaft	
SHF02739	GTC-703-60-R5	60' flexible shaft for RAM-5	
SHF02775	GTC-703-75	75' flexible shaft	
SHF02776	GTC-703-75-R5	75' flexible shaft for RAM-5	

For tubes 9/16"-1" (14.3-25.4mm) I.D. with quick connect fitting

SHF02777	GTC-703Q-12	12' flexible shaft with quick connect	
SHF02778	GTC-703Q-17	17' flexible shaft with quick connect	
SHF02745	GTC-703Q-25	25' flexible shaft	
SHF02746	GTC-703Q-35	35' flexible shaft	
SHF02747	GTC-703Q-35-R5	35' flexible shaft for RAM-5	
SHF02779	GTC-703Q-45	45' flexible shaft with quick connect	
SHF02748	GTC-703Q-45-R5	45' flexible shaft for RAM-5	
SHF02780	GTC-703Q-60	60' flexible shaft with quick connect	
SHF02749	GTC-703Q-60-R5	60' flexible shaft for RAM-5	

For tubes 1 1/16"-1" (17.5-25.4mm) I.D.

SHF02781	GTC-704-12	12' flexible shaft	
SHF02782	GTC-704-17	17' flexible shaft	
SHF02741	GTC-704-25	25' flexible shaft	
SHF02742	GTC-704-35	35' flexible shaft	
SHF02783	GTC-704-35-R5	35' flexible shaft for RAM-5 with quick connect	
SHF02743	GTC-704-45	45' flexible shaft	
SHF02784	GTC-704-45-R5	45' flexible shaft for RAM-5 with quick connect	
SHF02785	GTC-704-60	60' flexible shaft	
SHF02786	GTC-704-60-R5	60' flexible shaft for RAM-5 with quick connect	
SHF02787	GTC-704-75	75' flexible shaft	

For tubes 1 1/16"-1" (17.5-25.4mm) I.D. with quick connect fittings

SHF02788	GTC-704Q-12	12' flexible shaft with quick connect	
SHF02789	GTC-704Q-17	17' flexible shaft with quick connect	
SHF02751	GTC-704Q-25	25' flexible shaft	
SHF02752	GTC-704Q-35	35' flexible shaft	
SHF02790	GTC-704Q-35-R5	35' flexible shaft for RAM-5 with quick connect	
SHF02753	GTC-704Q-45	45' flexible shaft	
SHF02791	GTC-704Q-45-R5	45' flexible shaft for RAM-5 with quick connect	
SHF02792	GTC-704Q-60	60' flexible shaft with quick connect	
SHF02793	GTC-704Q-60-R5	60' flexible shaft for RAM-5 with quick connect	

15' for tubes 1" I.D. and up

SHF02909	GTC-720-15	15' flexible shaft for tubes 1" I.D. and up	
SHF02915	GTC-720-25	25' flexible shaft for tubes 1" ID and up	




BRUSHES BY GOODWAY
The Rebel Dual Diameter Brass Brush for tubes 5/8" (15.9mm) I.D.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00174	EBB-062	5/8" brass dual-diameter brush	
BRU00182	EBB-062-Q	5/8" brass dual-diameter brush	

The Patriot Dual-Diameter Nylon Brush for tubes 5/8" (15.9mm) I.D.

BRU00175	ENN-062	5/8" dual-diameter enhanced nylon brush	
BRU00183	ENN-062-Q	5/8" dual-diameter enhanced nylon brush	

GTC Brushes for smooth bore tubes

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00189	GTC-211-1	1" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00188	GTC-211-1/2	1/2" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00202	GTC-211-1/4	1/4" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00170	GTC-211-11/16	11/16" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00203	GTC-211-13/16	13/16" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00204	GTC-211-15/16	15/16" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00171	GTC-211-3/4	3/4" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00186	GTC-211-5/8	5/8" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00259	GTC-211-5/16	5/16" blue nylon brush	
BRU00169	GTC-211-5/8	5/8" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00205	GTC-211-7/16	7/16" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00206	GTC-211-7/8	7/8" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00168	GTC-211-9/16	9/16" nylon brush for small bore tubes, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60	
BRU00187	GTC-211Q-1	1" nylon brush for small bore tubes with quick connect fittings	
BRU00260	GTC-211Q-1/2	1/2" blue nylon brush with quick connect	
BRU00178	GTC-211Q-11/16	11/16" nylon brush for small bore tubes with quick connect fittings, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60 with quick connect flexible shaft	
BRU00261	GTC-211Q-13/16	13/16" blue nylon brush with quick connect	
BRU00262	GTC-211Q-15/16	15/16" blue nylon brush with quick connect	
BRU00179	GTC-211Q-3/4	3/4" nylon brush for small bore tubes with quick connect fittings, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60 with quick connect flexible shaft	
BRU00177	GTC-211Q-5/8	5/8" nylon brush for small bore tubes with quick connect fittings, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60 with quick connect flexible shaft	
BRU00263	GTC-211Q-7/16	7/16" blue nylon brush with quick connect	
BRU00264	GTC-211Q-7/8	7/8" blue nylon brush with quick connect	
BRU00176	GTC-211Q-9/16	9/16" nylon brush for small bore tubes with quick connect fittings, for use with RAM-4-60, RAM-5SF-60-3 and RAM-6-60 with quick connect flexible shaft	

SGB and ESGB Spin-Grit Brushes

BRU00193	ESGB-050	Dual-diameter Spin-Grit brush for tubes 1/2" (12.7mm) I.D.	
BRU00184	ESGB062	Dual-diameter Spin-Grit brush for tubes 5/8" I.D.	
BRU00194	ESGB-075	Dual-diameter Spin-Grit brush for tubes 3/4" (19.1mm) I.D.	
BRU00190	ESGB-100	Dual-diameter Spin-Grit brush for tubes 1" (2.4mm) I.D.	
BRU00213	ESGB-125	Spin-Grit brush enhanced for 1 1/4" ID tubes	
BRU00214	ESGB-Q-050	Spin-Grit brush enhanced for 1/2" ID tubes w/quick connect	
BRU00215	ESGB-Q-062	Spin-Grit brush enhanced for 5/8" ID tubes w/quick connect	
BRU00216	ESGB-Q-075	Spin-Grit brush enhanced for 3/4" ID tubes w/quick connect	
BRU00217	ESGB-Q-100	Spin-Grit brush enhanced for 1" ID tubes w/quick connect	
BRU00218	ESGB-Q-125	Spin-Grit brush enhanced for 1 1/4" ID tubes w/quick connect	
BRU00207	SGB-050	Spin-Grit brush for tubes 1/4"-3/8" (6.4-9.5mm) I. D.	
BRU00172	SGB-075	Spin-Grit brush for tubes 7/16"-5/8"	
BRU00173	SGB-100	Spin-Grit brush for tubes 11/16"-3/4"	



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00191	SGB-125	Spin-Grit brush for tubes 1 ³ / ₁₆ "-1" (20.6-25.4mm) I.D.	
BRU00265	SGB-Q-050	Spin-Grit brush for tubes 1/4"-3/8" with quick connect	
BRU00180	SGB-Q-075	Spin-Grit brush for tubes 7/16"-5/8"	
BRU00181	SGB-Q-100	Spin-Grit brush for tubes 11/16"-3/4"	
BRU00266	SGB-Q-125	Spin-Grit brush for tubes 13/16" with quick connect	

Brushes – Brass

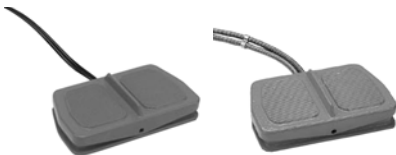
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00219	GTC-200B-1	1"	
BRU00220	GTC-200B-1/2	1/2"	
BRU00221	GTC-200B-1/4	1/4"	
BRU00197	GTC-200B-11/16	11/16"	
BRU00198	GTC-200B-13/16	13/16"	
BRU00199	GTC-200B-15/16	15/16"	
BRU00222	GTC-200B-3/4	3/4"	
BRU00223	GTC-200B-5/8	5/8"	
BRU00224	GTC-200B-7/8	7/8"	
BRU00192	GTC-200B-9/16	9/16"	
BRU00225	GTC-200B-1	1", quick connect	
BRU00200	GTC-200B-1/2	1/2", quick connect	
BRU00201	GTC-200B-1/4	1/4", quick connect	
BRU00226	GTC-200BQ-11/16	11/16", quick connect	
BRU00227	GTC-200BQ-13/16	13/16", quick connect	
BRU00228	GTC-200BQ-15/16	15/16", quick connect	
BRU00229	GTC-200BQ-3/4	3/4", quick connect	
BRU00230	GTC-200BQ-5/8	5/8", quick connect	
BRU00231	GTC-200BQ-7/8	7/8", quick connect	
BRU00232	GTC-200BQ-9/16	9/16", quick connect	
BRU00233	GTC-200BQ-1	1", quick connect	
BRU00234	GTC-200BQ-1/2	1/2", quick connect	
BRU00235	GTC-200BQ-1/4	1/4", quick connect	

Brushes – Stainless Steel

BRU00236	GTC-210-1	1"	
BRU00237	GTC-210-1/2	1/2"	
BRU00238	GTC-210-1/4	1/4"	
BRU00239	GTC-210-11/16	11/16"	
BRU00240	GTC-210-13/16	13/16"	
BRU00241	GTC-210-15/16	15/16"	
BRU00242	GTC-210-3/4	3/4"	
BRU00243	GTC-210-5/8	5/8"	
BRU00244	GTC-210-7/8	7/8"	
BRU00245	GTC-210-9/16	9/16"	
BRU00246	GTC-210-1	1" with quick connect	
BRU00247	GTC-210Q-1/2	1/2" with quick connect	
BRU00248	GTC-210Q-1/4	1/4" with quick connect	
BRU00249	GTC-210Q-11/16	11/16" with quick connect	
BRU00250	GTC-210Q-13/16	13/16" with quick connect	
BRU00251	GTC-210Q-15/16	15/16" with quick connect	
BRU00252	GTC-210Q-3/4	3/4" with quick connect	
BRU00253	GTC-210Q-5/8	5/8" with quick connect	
BRU00254	GTC-210Q-7/8	7/8" with quick connect	
BRU00255	GTC-210Q-9/16	9/16" with quick connect	
BRU00256	GTC-210Q-1	1" with quick connect	
BRU00257	GTC-210Q-1/2	1/2" with quick connect	
BRU00258	GTC-210Q-1/4	1/4" with quick connect	

REVERSING FOOT SWITCH

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SWT02435	834R	Two-directional foot switch for RAM-4-60	
SWT02455	834R-SF	Two-directional foot switch for use with RAM-5 when cleaning internally-enhanced tubes	



TOOLS AND ACCESSORIES BY GOODWAY
Adjustable Buffing Tool and Scraper Tool

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01710	GTC-203	Cutting/buffing tool for 5/16"-3/8" ID tubes	
TOL01711	GTC-203DT	Cutting/buffing tool for 5/16"-3/8" ID tubes	
TOL01680	GTC-204	Stainless steel wire buffing tool for 3/8"-1/2" ID tubes (9.5-12.7mm)	
TOL01664	GTC-204-DT	Buffing tool for 3/8"-1/2" ID tubes with drill tip	
TOL01712	GTC-204Q	Cutting/buffing tool for 3/8"-1/2" ID tubes w/quick connect	
TOL01681	GTC-205	Stainless steel wire buffing tool for 1/2"-9/16" ID tubes (12.7-14.3)	
TOL01665	GTC-205-DT	Buffing tool for 1/2"-9/16" ID tubes with drill tip	
TOL01713	GTC-205Q	Cutting/buffing tool for 1/2"-9/16" ID tubes w/quick connect	
TOL01714	GTC-205Q-DT	Cutting/buffing tool for 1/2"-9/16" ID tubes w/quick connect and drill tip	
TOL01682	GTC-206	Stainless steel wire buffing tool for ID tubes 5/8" - 1" (15.9-25.4mm)	
TOL01667	GTC-206-DT	Buffing tool for 5/8"-1" ID tubes with drill tip	
TOL01715	GTC-206Q	Cutting/buffing tool for 5/8"-1" ID tubes w/quick connect	
TOL01716	GTC-206Q-DT	Cutting/buffing tool for 5/8"-1" ID tubes w/drill tip and quick connect fittings	
BLD01014	GTC-207	Replacement blades for GTC-203 and GTC-204	
BLD01015	GTC-208A	Replacement blades for GTC-205	
BLD01016	GTC-208B	Replacement blades for GTC-206	
TOL01717	GTC-209	Adjusting jig for GTC-203(DT) and GTC-204(DT)	
TOL01666	TST-500	Triangular scraper tool 5/8"-1" I.D.	


Flex Hone Abrasive Tools

TOL01700	FHT-025	1/4"
TOL01701	FHT-031	5/16"
TOL01702	FHT-037	3/8"
TOL01703	FHT-043	7/16"
TOL01704	FHT-050	1/2"
TOL01705	FHT-056	9/16"
TOL01698	FHT-062	5/8"
TOL01706	FHT-068	11/16"
TOL01707	FHT-075	3/4"
TOL01708	FHT-087	7/8"
TOL01709	FHT-100	1"
TOL01924	FHT-043-Q	7/16" with quick connect
TOL01925	FHT-050-Q	1/2" with quick connect
TOL01926	FHT-056-Q	9/16" with quick connect
TOL01927	FHT-062-Q	5/8" with quick connect
TOL01928	FHT-068-Q	11/16" with quick connect
TOL01929	FHT-075-Q	3/4" with quick connect
TOL01930	FHT-087-Q	7/8" with quick connect
TOL01931	FHT-100-Q	1" with quick connect


Cup Brush Tools—brass or stainless steel

BRU00208	CBT-075B	Brass cup brush for 1/2"-3/4" ID tubes
BRU00209	CBT-075B-Q	Brass cup brush for 1/2"-3/4" ID tubes w/quick connect
BRU00210	CBT-075S	S.S. cup brush for 1/2"-3/4" ID tubes
BRU00211	CBT-075S-Q	S.S. cup brush for 1/2"-3/4" ID tubes w/quick connect


Carbide Drills

TOL01718	PTB-025	1/4"
TOL01719	PTB-037	3/8"
TOL01720	PTB-043	7/16"
TOL01721	PTB-050	1/2"
TOL01722	PTB-050-Q	1/2" with quick connect
TOL01697	PTB-056	9/16"
TOL01723	PTB-062	5/8"
TOL01724	PTB-062-Q	5/8" with quick connect
TOL01725	PTB-068	11/16"

Repair Couplings and tools

CPL00982	713-1	Drive-End Repair Crimp Coupling for GTC-701 shafts
CPL00983	713-2	Drive-End Repair Crimp Coupling for GTC-702 shafts
CPL00975	713-3	Crimp Coupling, drive-end for GTC-703 shafts
CPL00984	713-4	Drive-End Repair Clamp Coupling for GTC-720, GTC-721, GTC-721G and GTC-821 shafts
CPL00976	713-5	Crimp Coupling, drive-end for GTC-704 shafts
WAS01026	715-1	Thrust Washer for GTC-701, 702 & 703 shafts
WAS01027	715-6	Thrust Washer for GTC-704 shafts
CPL00985	717-1	Tool End Repair Crimp Coupling for GTC-701 shafts

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CPL00986	717-2	Tool End Repair Crimp Coupling for GTC-702 shafts	
CPL00990	717-2Q	Crimp Coupling for GTC-702 quick-connect shafts	
CPL00977	717-3	Crimp Coupling, tool-end for GTC-703 shafts	
CPL00978	717-3Q	Crimp Coupling for GTC-703 quick-connect shafts	
CPL00987	717-4	Tool-end Repair Crimp Coupling for GTC-720, GTC-721, GTC-721G and GTC-821 shafts	
CPL00979	717-6	Crimp Coupling, tool-end for GTC-704 shafts	
CPL00980	717-6Q	Crimp Coupling for GTC-704 quick-connect shafts	
TOL01684	GTC-CT5	Crimping Tool with punch for flexible shaft repair	
TOL01696	GTC-CTP	Replacement Punch for GTC-CT5	

Shaft Maintenance

TOL01699	GSL-705	Flexible Shaft Lubricator	
LUB00039	GSL-LU1	16 oz bottle of Flexible Shaft Lubricator Fluid	
PLU00923	GTC-705-8	Sight Glass Plug for GSL-705 lubricator	

Carrying Strap and Bag

SRP00880	CS-18	Flexible Shaft Carry Strap	
CAS01275	SB-26	Carrying Bag for flexible shafts	

Pressure Washer Accessories

SOV00029	APC100-1	Cleaner/Degreaser for pressure washers, 1 gal bottle	
NOZ00821	PWN-002	Multi-jet Nozzle	
FTG00952	USF-001	Universal Swivel Fitting	
HSE01366	WSH-R50	Red Rubber Water Supply Hose 5/8" ID X 50' for -25°F – 180°F water	

Vacuum Accessories

FLR04835	8050	HEPA Filter for model EV-30H	
FLR04836	8051-12	Paper Filter Collection Bag with plastic tank liner (12-pack)	
FLR04837	8052	Filter Protector	
FLR04908	EV-10-FILTER	Replacement Polyester Filter for EV-20	
FLR04838	EV-30-FILTER	Replacement Polyester Filter for EV-30	

Cleaning Tools for tubes over 1" I.D.

TOL01900	GTC-223	Buffing Tool for 1"-3" ID tubes	
BLD01020	GTC-224	Replacement Blades for GTC-223 buffing tool	
BRU00311	TCB-012S	1 1/4" OD Stainless Steel Brush	
BRU00312	TCB-015S	1 1/2" OD Stainless Steel Brush	
BRU00305	TCB-020B	2" OD Brass Brush	
BRU00304	TCB-020N	2" OD Nylon Brush	

Boiler Tube Brushes

BRU00195	GTC-151-1 3/8	1 3/8" Steel Brush for a boiler tube	
BRU00306	GTC-151-1 5/8	Steel Brush for a 1 5/8" OD boiler tube	
BRU00303	GTC-151-2	Steel Brush for a 2" OD boiler tube	
BRU00196	GTC-151-2 1/2	2 1/2" Steel Brush for a boiler tube	
BRU00316	GTC-151-3	3" Steel Brush for a boiler tube	
BRU00317	GTC-151-3 1/2	3 1/2" Steel Brush for a boiler tube	
BRU00318	GTC-151-4	4" Steel Brush for a boiler tube	

Dolly

TOL01733	RAM-4-DOL	Ream-A-Matic Dolly Assembly	
TOL01749	RAM-DOLLY-C	Heavy-Duty Contractor Dolly for RAM-4, RAM-5SF and RAM-6	

FLEXIBLE SHAFTS MAINTENANCE AND REPAIR

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
Repair Kits			
KIT07643	REP-701-KIT	Repair Kit for GTC701 shafts	
KIT07644	REP-702-KIT	Repair Kit for GTC702 shafts	
KIT07646	REP-702Q-KIT	Repair Kit for GTC702 shafts with quick connect	
SHF02740	REP-703-KIT	Repair Kit	
SHF02750	REP-703Q-KIT	Repair Kit	
SHF02744	REP-704-KIT	Repair Kit	
SHF02754	REP-704Q-KIT	Repair Kit	

Test Instruments



VACUUM PUMPS BY ROBINAIR

Dimensions: 5³/₈" W x 9³/₄" H x 15" L. Two stages. 20 microns on factory rating. 1/4" and 1/2" MFL intake fitting. 15 oz (445 ml) oil capacity. 115V/60Hz., 27 lbs.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PMP00662	15400	1/3 HP, 4 CFM	
PMP00661	15600	1/2 HP, 6 CFM	
PMP00663	14388	Compressor oil pump with cap and seal assembly and siphon	



VACUUM PUMP OIL BY ROBINAIR

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
OIL00038	13203	Quart container; shipped 12 qts. per case	
OIL00039	13204	gal container; shipped 4 gals. per case	
OIL00046	13201	16 oz cans/12 cans per case	



SIDE WHEEL MANIFOLD BY ROBINAIR

Easy to use, durable, and designed for accuracy. Includes Lexan hand-wheel, vibration-free coded cases (2 1/2" in diameter for easy reading), brass manifold bar, hose holder and hanging hook with three color-coded hoses.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MFD00778	40153	Standard side wheel manifold set with three 36" standard hoses and standard fittings, R134A	
MFD00779	41630	Standard side wheel manifold set with three 72" standard hoses and standard fittings, R22 and R134A	
MFD00780	41640	Standard size wheel manifold set with three 72" EnviroGuard hoses and quick seal fittings, R22 and R134A	
MFD00800	41670	High pressure manifold with three 60" Envirogard hoses with ball valves, 1/4" fittings. R410A	
MFD00896	41800	Manifold with temperature probe and carrying case electronic refrigerant	

REPLACEMENT GAUGES BY ROBINAIR

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
GAG00148	11794	Compound gauge: 2 1/2" dial, blue case	
GAG00149	11795	Pressure gauge: 2 1/2" dial, red case	

HOSES BY ROBINAIR

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HSE01100	67072	Hose, packaged set of three, 72" ENVIROGUARD, standard fittings, one each red, blue, and yellow	
HSE00361	69036A	Hose, ENVIROGUARD 36" set	
HSE00362	69072A	Hose, ENVIROGUARD 72" set	
KIT05121	69060A	Kit, set of 3 hoses, red, blue, yellow, ENVIROGUARD with 45° QS fittings	
HSE00355	39072A	Hose, quick seal 72" set	
HSE00347	30036	Hose, set, 36"	
HSE00351	30072	Hose, set, 72"	

QUICK SEAL FITTING ADAPTERS BY ROBINAIR

When disconnected, Quick Seal fittings automatically shut off charging hose to reduce loss of refrigerant, helping prevent "finger burn" and adding an extra measure of user safety. Adapter is solid brass with a large knurled nut (sizes for 1/4" hoses).

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
ADP00362	10248	1/4" MFL to 1/4" FFL 90° adapter	
ADP00363	10234	1/4" MFL to 1/4" FFL straight adapter	

THERMISTOR VACUUM GAUGE BY ROBINAIR

An essential part of all A/C-R service equipment. Works with the vacuum pump to measure the last, most critical inch of mercury during evacuation. Solid-state instrument constantly monitors and visually indicates the vacuum level to ensure the system is free of air and moisture before recharging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
GAG00151	14830A	Thermistor vacuum gauge	

TIF INSTRUMENTS

Refrigerant Leak Detectors

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SEN01162	TIF XP-1	Sensor, TIF XP-1 Refrigerant Leak Detector, detects all halogenated refrigerants	
SEN01163	TIF ZX-1	Sensor, TIF ZX-1 Heated Pentode Refrigerant Leak Detector, detects all halogenated refrigerants	
KIT08170	TIFXP-2	Kit, Maintenance Kit for TIF XI, RX and XP leak detectors, includes 3 tips and 3 protectors	
SEN01164	TIFZX-2	Sensor, Replacement Heated Pentode Sensor for TIF ZX-1 leak detector	
ELM03209	TIFZX-8	Element, Filter Element for TIF Zx-1 leak detector, 10 pack	
TOL01960	TIF 4000A	Tool, TIF 4000a Electronic Sight Glass	
TOL01957	TIF 5201	Tool, Leaksorce for TIF H10A leak detector	
KIT08224	TIF 555	Kit, Maintenance Kit for TIF refrigerant leak detectors, includes 3 tips and 3 protectors	
TOL01961	TIF 5750A	Tool, TIF 5750A Super Scanner Refrigerant Leak Detector, includes case and spare sensing tip	
TOL01956	TIF H10A	Tool, TIF H10A Pump Style Refrigerant Leak Detector, works on all CFC, HCFC and HFC leaks	
TOL01962	TIF RX-1	Tool, TIF RX-1 Leak Detector, includes molded carrying case	
TOL01963	TIF XL-1	Tool, TIF XI-1 Leak Detector, includes molded carrying case	
CAS01305	TIF XP-3	Case, Carrying Holster for TIF XI-1, RX-1 and XP-1 leak detectors	

Carbon Monoxide and Combustible Gas Detectors

SEN01167	TIF8500A	Sensor, TIF8500A Carbon Monoxide Analyzer	
SEN01169	TIF8501	Sensor, Replacement Filter for TIF8500A	
SEN01168	TIF8505	Sensor, Replacement Sensor for TIF8500A	
SEN01165	TIF8800	Sensor, TIF-8800 Combustible Gas Detector	
SEN01166	TIF8800A	Sensor, TIF-8800A Combustible Gas Detector	
TIP00130	TIF8801	Tip, Sensing Tip for TIF8800 combustible gas detector	

Refrigerant Scales and Meters

TOL01952	TIF 9010A	Tool, TIF 9010A Slimline Refrigerant Scale	
TOL01958	TIF 9020	Tool, Promax ADS-100 Slimline Refrigerant Scale, 200-lb capacity	

Micron Gauge

TOL01965	TIF 9450D	Tool, TIF 9450D Digital Micron Gauge, reads 500,000 – 200 microns	
SEN01174	TIF 9453	Sensor, Sensing Probe Assembly for TIF 9450D micron gauge	
HSE01393	TIF 9454	Hose, Connector Hose with filter for TIF 9450D micron gauge	

Capacitor Tester

TOL01964	TIF 660	Tool, TIF 660 Capacitor Tester, range 1-2000 MFD	
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Recovery Machine

TOL01966	RG5410HP	Tool, Promax RG5410HP Refrigerant Recovery Machine, high pressure, oil-less compressor	
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HVAC Analyzer

TOL01959	TIF VA500R	Tool, TIF VA500A Digital HVAC Analyzer, measures temp, RH, dew point, velocity and volume, Btu/hr	
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AMPROBE

Ultrasonic Leak Detector

Detects any pressurized gas leak due to an on-gas specific design. Ultrasonic sensor is unaffected by contaminant for reliable testing. Windy rooftop conditions do not affect sensor ability to detect leak. The PB-1 Parabola improves directionality and sensitivity for longer range testing. High sensitivity allows detection of arcing electrical switchgear from a safe distance.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01948	TMULD-300	Tool, Amprobe TMULD-300 Ultrasonic Leak Detector Kit	

Intelligent Digital Multimeter

Auto selection of voltage or resistance prevents meters' misuse. Autoranging, audible continuity check, auto power off, data hold, diode check. Safety CAT III 600V.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MTR00886	AM-33	Tool, Amprobe AM-33 Intelligent Digital Meter, 600V AD/DC, 400 Ohms	




Phase Sequencer and Motor Rotation Tester

Low cost tester identifies 3-phase line sequence and motor rotation. Wide operating voltage and frequency ensures compatibility with most 3-phase circuits. Built-in phase loss indicator prevents incorrect reading.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01953	PRM-1	Tool, Amprobe PRM-1 Phase Sequencer and Motor Rotation Tester	

HVAC & R SERVICE TOOLS BY RITCHIE
Cylinder Adapters

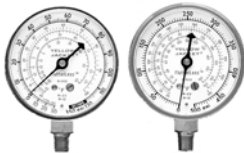
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
ADP00917	19105	3/4" NPS finger tight cylinder adapter with 1/4" male flare, for 125 and 145 lb cylinders	
ADP00919	25002	1/4" Yellow FlexFlow Adapter	

SealRight Quick Couplers

CPL00924	19109	Coupler, 1/4" SealRight Str. x 1/4" male fl.	
CPL00925	19209	Coupler, 1/4" SealRight 90° x 1/4" male fl.	
CPL00928	19208	SealRight Quick Coupler, 1/4" SealRight 45° x 1/4" male flare	
CPL00932	19102	Coupling; 1/4" female quick x 3/8" male flare	
CPL00939	19110	Coupler, quick coupler, 1/4" FE QC x 1/8" male NPT	
CPL00940	19111	Coupler, straight quick coupler, 1/4" FE QC STR x 1/8" male NPT	
CPL00946	19120	Coupling, Yellow Jacket quick coupler, 3/16" FE QC x 1/4" M FL (GM)	
CPL00947	19125	Coupling, Yellow Jacket quick coupler, 1/8" FE QC x 1/4" M FL (FORD)	


Replacement Manifold Gauges

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
GAG00878	49001	Gauge, Red Press., 0-500 PSI, R-12,22,502	
GAG00879	49002	Gauge, Blue Compound, 30"-0-120 PSI, R-12,22,502	
GAG00880	49051	Gauge, Red Press., 0-500 PSI, R-134a,404A,507	
GAG00881	49052	Gauge, Blue Compound, 30"-0-120 PSI, R-34a,404A,507	
GAG00882	49035	Gauge, Red Press., 0-800 PSI, R-410A	
GAG00883	49036	Gauge, Blue Compound, 30"-0-300 PSI, R-410A	
GAG00886	49081	Gauge, Red Liquid-Filled, 0-500 PSI, R-12,22,502	
GAG00887	49082	Gauge, Blue Compound, 30"-0-120 PSI, R12,22,502	
GAG00895	69085	Economy Vacuum Gauge, 5,000 to 50 microns, 10 LED Lights, Instant Warm-up, w/Vinyl Case	
GAG00905	49071	Gauge, red pressure gauge, liquid filled, 0-500 PSI, R134A, 507, 404A	
GAG00906	49072	Gauge, blue pressure gauge, liquid filled, 30"-0-120 PSI, R134A, 507, 404A	
GKT03859	18973	Gasket for 18975 (5-pak)	
HDL00879	61173	Handle, replacement handle for 61171 fin straightener	


Charging Hoses

HSE01160	11036	1/4", yellow, 36", HA36Y	
HSE01161	11236	1/4", blue, 36", HA36B	
HSE01162	11636	1/4", red, 36", HA36R	
HSE01163	11060	1/4", yellow, 60", HA60Y	
HSE01164	11260	1/4", blue, 60", HA60B	
HSE01165	11660	1/4", red, 60", HA60R	
HSE01166	11072	1/4", yellow, 72", HA72Y	
HSE01167	11272	1/4", blue, 72", HA72B	
HSE01168	11672	1/4", red, 72", HA72R	
HSE01169	11983	1/4", 3-pack, 36", HA36RYB	
HSE01170	11985	1/4", 3-pack, 60", HA60RYB	
HSE01171	11986	1/4", 3-pack, 72", HA72RYB	
HSE01172	21036	1/4", yellow, 36", HAV36Y	
HSE01173	21236	1/4", blue, 36", HAV36B	
HSE01174	21636	1/4", red, 36", HAV36R	
HSE01175	21060	1/4", yellow, 60", HAV60Y	
HSE01176	21260	1/4", blue, 60", HAV60B	
HSE01177	21660	1/4", red, 60", HAV60R	
HSE01178	21072	1/4", yellow, 72", HAV72Y	
HSE01179	21272	1/4", blue, 72", HAV72B	
HSE01180	21672	1/4", red, 72", HAV72R	
HSE01181	21983	1/4", 3-pack, 36", HAV36RYB	
HSE01182	21985	1/4", 3-pack, 60", HAV60RYB	
HSE01183	21986	1/4", 3-pack, 72", HAV72RYB	
HSE01184	22036	1/4", yellow, 36", HAVS36Y	
HSE01185	22236	1/4", blue, 36", HAVS36B	



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HSE01186	22636	1/4", red, 36", HAVS36R	
HSE01187	22060	1/4", yellow, 60", HAVS60Y	
HSE01188	22260	1/4", blue, 60", HAVS60B	
HSE01189	22660	1/4", red, 60", HAVS60R	
HSE01190	22072	1/4", yellow, 72", HAVS72Y	
HSE01191	22272	1/4", blue, 72", HAVS72B	
HSE01192	22672	1/4", red, 72", HAVS72R	
HSE01193	22983	1/4", 3-pack, 36", HAVS36RYB	
HSE01194	22985	1/4", 3-pack, 60", HAVS60RYB	
HSE01195	22986	1/4", 3-pack, 72", HAVS72RYB	
HSE01196	29036	1/4", yellow, 36", HBVV36Y	
HSE01197	29236	1/4", blue, 36", HBVV36B	
HSE01198	29636	1/4", red, 36", HBVV36R	
HSE01199	29060	1/4", yellow, 60", HBVV60Y	
HSE01200	29260	1/4", blue, 60", HBVV60B	
HSE01201	29660	1/4", red, 60", HBVV60R	
HSE01202	29072	1/4", yellow, 72", HBVV72Y	
HSE01203	29272	1/4", blue, 72", HBVV72B	
HSE01204	29672	1/4", red, 72", HBVV72R	
HSE01205	29983	1/4", 3-pack, 36", HBVV36RYB	
HSE01206	29985	1/4", 3-pack, 60", HBVV60RYB	
HSE01207	29986	1/4", 3-pack, 72", HBVV72RYB	

Heavy Duty Charging/Vacuum Hoses



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HSE01212	15660	Hose, Heavy Duty Plus II 3/8" Charging/Hi-Vacuum, 60", BC-60	
HSE01213	15872	Hose, Heavy Duty Plus II 1/2" Charging/Hi-Vacuum, 72", C-72	
HSE01214	15910	Hose, Heavy Duty Plus II 1/2" Charging/Hi-Vacuum, 120", C-120	
HSE01226	25802	1/4" Heavy Duty Flexflow Adapter Hose	
HSE01228	25980	6" FlexFlow Adapter Hoses, 3-Pak consisting of 25002, 25202, 25602 Hoses	
HSE01232	15672	3/8" Heavy Duty Plus II charging/vacuum hose, 72", BC-72	
HSE01249	25986	1/4" Plus II Charging Hose w/ FlexFlow Fitting, 60", 3-Pak	
HSE01251	25985	1/4" Plus II Charging Hose w/FlexFlow Valve, 3-Pak, 60"	
HSE01280	15860	Heavy Duty Plus II charging/hi-vacuum hose, 1/2" fl. x 1/2" fl.	
HSE01315	15636	Hose, 3/8" heavy duty plus II charging/hi-vacuum hose, 36"	
HSE01329	15836	Hose, 1/2" heavy duty plus II charging/hi-vacuum hose, 36"	

Repair Kits

KIT07454	19020	Kit, CH-20 Bulk Gasket, 1/4" hose	
KIT07456	77931	Kit, Seal Kit for 77930 oil pump	
KIT07517	19040	SealRight Quick Coupler Rebuild Kit	
RNG01691	19037	O-ring; for 1/4" hoses and quick couplers 10 pack	
LUB00034	90301	Polystar RB2 Grease, 14.5 oz	

Manifolds with Gauges



MFD00912	41212	Manifold, w/gauges, R-12,22,502, No Hoses	
MFD00913	41213	Manifold, w/gauges, R-12,22,502, w/36" HA Hoses	
MFD00914	41215	Manifold, w/gauges, R-12,22,502, w/60" HA Hoses	
MFD00915	41312	Manifold, w/gauges, R-134a,404A,507, No Hoses	
MFD00916	41313	Manifold, w/gauges, R-134a,404A,507, w/36" HA Hoses	
MFD00917	41315	Manifold, w/gauges, R-134a,404A,507, w/60" HA Hoses	
MFD00918	41712	Manifold, w/gauges, R410A, No Hoses	
MFD00920	42715	R410A Manifold, HBVV-60 RYB Hoses	
MFD00924	42000	Manifold, 2-Valve w/red and blue gauges, hook and anchor in clamshell packaging	
MFD00930	41702	R-410A Manifold w/three Plus II hoses w/FlexFlow Fitting	
MFD00931	41710	R-410A Manifold w/three Plus II hoses w/SealRight Fitting	
MFD00941	41219	Manifold; 2-valve, with standard 72" RYB hoses, R12,22,502	
MFD00942	43315	Manifold; 2-valve, with 60" Plus II RYB hoses, R134a,404A,507	
MFD00959	43215	Manifold, yellow jacket series 41-45 manifold W/60" plus II RYB hoses with standard fitting, R12, 22, 502	
MFD00965	42010	Manifold, series 41-45 manifold in clamshell pack, R134A, 404A, 507	
MFD00972	43219	Manifold, series 41-45 manifold, R12,22,502, W/72" RYB plus II hoses with standard fitting	



Super E-VAC Vacuum Pumps

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
PMP01517	93440	Pump, Vacuum, 115V, 4 CFM, 2-stage	
PMP01518	93460	Pump, Vacuum, 115V, 6 CFM, 2-stage	
PMP01519	93480	Pump, Vacuum, 115V, 8 CFM, 2-stage	

Vacuum Pump Oil

OIL00067	93091	Oil, Vacuum, pints, 24/cs	
OIL00068	93092	Oil, Vacuum, quarts, 12/cs	
OIL00069	93094	Oil, Vacuum, gallons, 4/cs	

Vacuum Sealant

SEL00872	93090	Vacuum Fitting Sealant, 4 oz can with brush applicator	
SEL00874	93089	Vacuum Fitting Sealant, 12 per case	

Refrigerant Recovery

TOL01390	69070	Tool, LCD Vacuum Gauge with case	
TOL01393	94950	Ref. recovery, 1/3 HP oil-less compressor, R50 series	
TOL01394	94960	Ref. recovery, oil-less compressor, R60 series	
TOL01395	94970	Ref. recovery, 1/2 HP oil-less compressor R70 series	

Tools

TOL01400	60121	Tool, Mini Tube Cutter, 1/8" to 7/8"	
TOL01401	60142	Tool, Big Mini Tube Cutter, 1/4" to 1 1/8"	
TOL01402	60101	Tool, Prem. Tube Cutter, 1/8" to 1 1/8"	
TOL01403	60160	Tool, Small Mini Tube Cutter, 1/8" to 5/8"	
TOL01408	60613	Tool, Strt. Ref. Ratchet, 1/4", 3/16", 3/8", 5/16"	
TOL01409	60616	Tool, Off-Set Ref. Ratchet, 1/4", 3/16", 3/8", 5/16"	
TOL01410	60609	Tool, Hex Key Adapter	
TOL01418	60015	Tool, Display Pak of 60102 Large Tube Cutter, 6 per pack	
TOL01420	61150	Tool, Adjustable Fin Straightener and Cleaner	
TOL01421	61170	Tool, Adjustable Fin Straightener and Cleaner w/Large Handle	
TOL01424	77930	Tool, Max-Flow Deluxe Oil Pump	
TOL01432	60103	Tube Constrictor/Cutter, 1/4" - 1 1/8" O.D.	
TOL01435	60612	Heavy Duty Refrigeration Ratchet Wrench, 7" Long	
TOL01438	90376	Acid Tester	
TOL01440	60460	Multi Swage Punch, 6 sizes-3/16 thru 5/8"	
TOL01442	78075	Plastic Tube Manometer, -2" -0- 15" Scale	
TOL01444	60102	Large Tube Cutter, 1/4" thru 1 5/8" O.D.	
TOL01445	60476	5 Piece Swaging Kit in pouch, 1/4, 5/16, 3/8, 1/2 and 5/8"	
TOL01446	61158	Nylon Fin Combs, Assortment of 6, 8 to 20 fpi	
TOL01453	90360	Heavy Duty Grease Gun for 14.5 oz cartridge	
TOL01480	60455	Large Swage/Flaring Tool, 3/4" to 1 1/8" OD	
TOL01484	60615	Large Ref. Ratchet, 3/8" Square x 1/2" Square	
TOL01516	60475	Tool, 4-piece swaging set, 1/4, 3/8, 1/2, and 5/8"	
TOL01523	60618	Tool, heavy duty service wrench, square opening, 3/16, 1/4, 3/8 and 5/16"	
TOL01524	60617	Tool, Sprolan valve wrench	
TOL01525	61171	Tool, 6-in-1 fin straightener	
TOL01526	61172	Tool, replacement head for 61171 fin straightener	
TOL01541	78070	Tool, plastic tube manometer -2" - 0 - 7 1/2" scale	
TOL01548	68802	Tool, refrigerant charging scale, Ritchie # 68802	

Vacuum/Charging Ball Valve

VAL07199	93844	Full Control Ball Valve for Vacuum/Charging, 1/4" SAE, M.fl. x Fe. Fl.	
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DIGITAL MULTIMETERS BY FIELDPIECE

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
ADP00825	ACO2AD	Adapter: regulator to ACO2	
ADP00826	ADBF2	Adapters: f to f banana (ASMM2 to acc. head)	
ADP00827	AQA2	Adapters: quick connects to alligator clips	
ADP00828	AQC2	Adapters: male bananas to quick connects	
ADP00829	AQP1	Adapters: quick connects to miniplug	
CAL00004	ACOG34	CO gas: 34 liter, 500PPM	
CAP00815	ALP2	Long probe tips	
CAP00816	ASP2	Short probe tips	
CAS00809	ANC1	Case: 6 pocket, Cordura	
CAS00810	ANC3	Case: Cordura briefcase style	
CAS00812	ANC5	Pouch style case with handles	
CAS00813	ARB1HB	Rubber holster for HB series meter	
CAS00814	ARB1LT	Rubber holster for LT series meter	
CAS00833	ANC6	"Big Mouth" tool bag	
CAS01301	ANC7	Casing, clamp meter case	

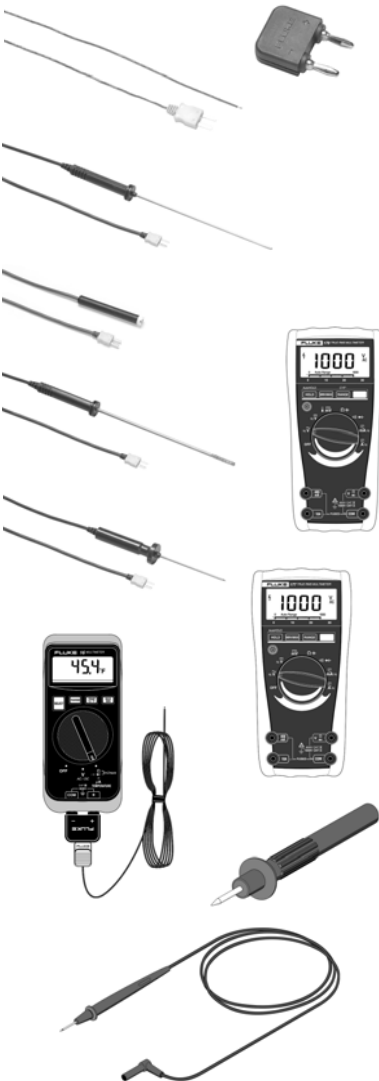


SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CAS01302	ANC8	Casing, holds 4 heads plus two meters	
CLP00809	APA2	Piercing alligator clips (f ban)	
CLP00810	APLA2	"Plunger" alligator clips (f ban)	
CLP00811	ASA2	Small alligator clips (m ban)	
CLP00876	ASD2	Spade lug on "F" ban jack	
CMP00820	ACDC6	DC and AC current clamp (600A)	
CMP00821	ACH	Head: AC amps clamp (300A)	
CMP00876	ACA1000	Clamp; current 1000A AC	
HDL00886	EHDL1	Electronic Handle, converts every Fieldpiece accessory head stand alone meter	
HED00696	AAV3	Head: anemometer	
HED00487	AC01	DC and AC current clamp (600A)	
HED00488	ACO2	Head: low cost carbon monoxide	
HED00490	ARH2	Head: relative humidity head with temperature	
HED00493	AUA1	Micro-amp to DCmV converter	
HED00495	ATRMS3	True RMS Head	
HED00528	ACD1	Head; carbon dioxide	
HED00529	AMR1	Head; Milliohm resolution to .0001	
HED00530	AVG1	Head; digital vacuum gauge	
HED00648	AMN2	Manometer head, measures LP or natural gas pressure, static pressure, and positive and negative pressures	
HED00678	AVH1	Head; AVH1 voltage accessory head	
HED00681	ATIR3	Head, Fieldpiece ATIR3 infrared temp with laser	
HED00689	ATH4	Head, Fieldpiece ATH4 dual temp accessory	
KIT06111	ACO2CAL	ACOG34 + ACOR5 + ACO2AD	
KIT06112	ACOK2	Kit: ACO1 + ACOP1	
KIT06113	ACOK3	Kit: ACO2 + ACOP2	
KIT06114	ADA2	Shorting cables (pair): alligator clips on a 3' wire	
KIT06115	ADK7	Kit: deluxe test leads, short probe tips, long probe tips, alligator clip	
KIT06116	ADSK9	Kit: silicone deluxe test lead kit (similar to ADK7)	
KIT06117	AEK11	Kit: alligators, probes, silicone cables	
KIT06412	HB74K16	Loaded fieldpack: meter/holster, current clamp, temp head, RH% head, deluxe lead kit, adapter handle and briefcase style bag	
MTR00819	SMG5	Meter, Megohm, insulation resistance up to 2000 Mohm, 1000V pulse to test insulation	
MTR00830	SC67	NCV clamp, meter same features as SC66 except: 200 VDC 1000°F capabilities	
MTR00860	SC76	Expandable clamp meter, auto-ranging, NCV	
PMP01609	ACMP3	Pump, for ACM3 accessory head	
SEN00853	AHV28	28KVAC Probe	
SEN00854	ATB1	K-thermocouple, beady type (400xF insulation)	
SEN00855	ATBF1	K-thermocouple, beady type (900xF insulation)	
SEN00856	ATC1	K-thermocouple, pipe clamp (up to 1 1/8" dia.)	
SEN00857	ATE1	K-thermocouple, spring junction (1500xF tip)	
SEN00858	ATEXT10	K-thermocouple extension cable, 10' long	
SEN00859	ATF1	K-thermocouple, for fluids (1500xF tip)	
SEN00862	ATS1	K-thermocouple, flat surface (1 1/4"/1500xF disk, 400xF insulation)	
SEN00863	ATV1	K-thermocouple, shovel head (900xF insulation)	
SEN00950	ATC2	K-thermocouple, pipe clamp (up to 2" dia.)	
TCP00106	ATA1	Thermocouple	
TCP00107	ATAF1	Thermocouple, bead type K with alligator clips, high temp	
TCP00108	ATWB1	Thermocouple, wet bulb with alligator clips, K-type	
TIP00125	APH2	Tip, stainless probe handles	
TIP00126	APHS2	Tip, spring-loaded probe handles	
TOL00305	HB74	Meter, leads (3), rubber holster	
TOL00307	HB74K13	Meter/holster, clamp, deluxe lead kit, 6-pocket case	
TOL00308	HB74K14	Loaded fieldpack: meter/holster, current clamp, temp head, RH% head, deluxe lead kit, briefcase-style bag	
TOL00316	LS33	Meter, current clamp, deluxe lead set, case	
TOL00317	LS33PL	Meter with probe and lead only	
TOL00318	LT16	Meter, current clamp, deluxe lead set, case	
TOL00319	LT83	Meter, leads, rubber holster	
TOL00913	LT17	Meter; HVAC/R includes pair of deluxe leads (ADL2), 300 Amp AC current clamp (ACH), K-type thermocouple (ATB1), nylon carrying case (ANC5)	
TOL01120	ST3	Meter, temperature only, T1-T2, delta, max. hold, holster	
TOL01765	DL2	Tool, Fieldpiece DL2 expandable data logger, use with any Fieldpiece accessory head	
TOL01910	HS32	Tool; stick meter complete with current clamp, silicone leads, 4 pocket case and small alligator clips	

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01911	HS33	Tool; stick meter, complete with current clamp, silicone leads, 4 pocket case, thermocouple and small alligator clips	
TOL01912	HS35	Tool; Fieldpiece HS35 stick complete with current clamp, silicone leads, 4 pocket case, thermocouple and small alligator clips	
TOL01913	HS33K14	Tool; Fieldpiece HS33K14 tool pack	
TOL01914	HS33K14G	Tool; Fieldpiece HS33K14G tool pack	
TOL01915	HS35K19	Tool; Fieldpiece HS35K19 tool pack	
TOL01916	HS35K19G	Tool; Fieldpiece HS35K19G tool pack	
TOL01917	HS35K31	Tool; Fieldpiece HS35K31 tool pack	
TOL01918	HS35K31G	Tool; Fieldpiece HS35K31G tool pack	
TOL01921	HB74K27	Tool; Fieldpiece HB74K27 tool pack	
TOL01922	HB74K27G	Tool; Fieldpiece HB74K27G tool pack	
WIR02622	ADL2	Leads: deluxe (includes short probe tips)	
WIR02623	ASMM2	Silicone leads (m ban/m ban)	
WIR03224	ASLS2	Wire, silicone leads for SC series (pair)	
WIR03694	ADLS2	Wire, Fieldpiece ADLS2 lead set	

METERS BY FLUKE

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01671	1AC	119V VoltAlert	
TOL01693	1LAC	Low Voltage VoltAlert	
ADP00977	80AK	Thermocouple Adaptor	
TCP00096	80PK-1	Bead Probe	
TOL01687	80PK-2A	Thermocouple Immersion Probe	
TOL01686	80PK-3A	Surface Temperature Probe	
TCP00099	80PK-4A	Air Temperature Probe	
TOL01688	80PK-5A	Piercing Probe	
TCP00097	80PK-8	Pipe Clamp Thermocouple Probe	
CLP00954	AC20	Alligator Clips	
CLP00953	AC70A	Alligator Clips	
CLP00955	AC80	Hook Style Test Clips	
CLP00964	AC85A	Large Jaw Alligator Clips	
CAS01263	C12A	Soft Carrying Case	
CAS01261	C25	Soft Case	
CAS01266	C550	Premium Tool Bag	
MTR00837	CO-220	Carbon Monoxide Detector	
MTR00838	FLUKE-112	Digital Multimeter	
MTR00831	FLUKE-16	Digital Multimeter with Temperature	
KIT08169	FLUKE-16/322 KIT	HVAC Multimeter and Clamp Meter Combo Kit	
MTR00850	FLUKE-177	True-RMS Digital Multimeter	
MTR00834	FLUKE-179	True-RMS Digital Multimeter w/ Temperature	
KIT08168	FLUKE-179/EDA KIT	Electronics Multimeter and Deluxe Accessory Combo Kit	
MTR00840	FLUKE-189	Logging Multimeter w/ temperature	
MTR00832	FLUKE-322	ClampMeter	
MTR00846	FLUKE-335	ClampMeter, True-RMS	
MTR00843	FLUKE-337	1000A AC/DC Clamp Meter	
MTR00833	FLUKE-52-2	Digital Thermometer	
MTR00852	FLUKE-54-2	Recording Digital Thermometer	
TOL01806	FLUKE-61	Digital Thermometer	
MTR00848	FLUKE-65	Infrared Thermometer	
CAS01265	H5	Holster for T3/T5	
CMP00956	i200	200A Current Clamp Accessory	
TOL01689	T3US	Electrical Tester	
TOL01669	T5-600	Electrical Tester	
LED00358	TL23F	Electrical Test Lead Set	
KIT07901	TL75	Test Lead Set	
TOL01685	TP1	Slim Reach Test Probes	
TOL01670	TP20	Test Probes	
KIT07904	TPAK	Meter Hanging Kit	



Sheet Metal Tools



CAULK GUNS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00322	14006	1/10 gal Standard Duty Caulking Gun	
TOL00323	14007	1 qt Standard Duty Caulking Gun	

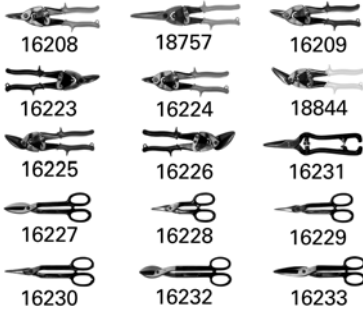
TENSIONING TOOL

Very durable, yet lightweight. Operates with one hand. Fits all standard and heavy duty ties. Provides proper tightness and excess material is trimmed flush.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01274	8958	Tensioning Tool For nylon ties	

MIDWEST SHEET METAL SNIPS

Made in the U.S.A.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00349	16208	Straight Cut Aviation Snip	
TOL00350	16209	Left Cut Aviation Snip	
TOL01318	18757	Long-Cut Aviation Snip	
TOL00351	16223	Right Cut Aviation Snip	
TOL00352	16224	Bulldog/Notching Cut Aviation Snip	
TOL01321	18844	Straight Offset Aviation Snip	
TOL00353	16225	Left Cut Offset Aviation Snip	
TOL00354	16226	Right Cut Offset Aviation Snip	
TOL00355	16231	6 1/2" Light Metal Wire Cutting Snip	
TOL00356	16227	12 1/2" Straight Cut Tinner, enamel handle	
TOL00357	16228	7" Circular Duckbill Tinner, enamel handle	
TOL00358	16229	10" Circular Duckbill Tinner, enamel handle	
TOL00359	16230	12 1/2" Circular Duckbill Tinner, enamel handle	
TOL00360	16232	16 1/2" Moly Bulldog Tinner, enamel handle	
TOL00361	16233	14" Moly Combo Pattern Tinner, enamel handle	

PRO-SNIP AVIATION SNIPS

Uses standard utility blades. From the makers of Vise-Grip Tools. Precision-ground blades for stay-sharp edges. Serrated blade for positive bite. Designed for rapid outside trim and clean cuts. Snap-open latch won't close while you work. Latch unlocks automatically when you press handles together.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00366	13021	Red Grip Cut Left and Straight	
TOL00367	13022	Green Grip Cut Right and Straight	
TOL00368	13023	Yellow Grip Cut Straight and Wide Curves	

PRO-SNIP OFFSET SNIPS

Handle virtually every cutting job in sheet metal, linoleum, carpet, tile, and other materials. Easier to use than other conventional metal snips and cut in three directions. Unique curved handle fits comfortably and keeps hands safe above the work. Blades are forged steel and have an exclusive pinch-point wire cutter.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00362	9015	Red Grip Left-Cutting Snips	
TOL00363	9016	Green Grip Right-Cutting Snips	

SNAPPY® MULTI-CUT SHEET METAL HOLE CUTTER



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00364	15151	Sheet Metal Hole Cutter	
TOL00365	15152	Replacement Bit For 15151	

BRAMEC SHEET METAL TOOLS

Made in the U.S.A.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00369	14041	5" Blade Crimper	
TOL00370	14043	3" Hand Seamer	
TOL01319	18797	6" Hand Seamer	
TOL00371	14044	3" Offset Hand Seamer	
TOL00372	14045	Hand Notcher	

Pliers



LOCKING PLIERS CURVED JAWS WITH WIRE CUTTER

Curved jaws, knurled tips and wire cutters. Properly adjusted and locked, Vise-Grip tools won't slip. Lock on instantly, release quickly, and adjust to plier action. Progressive bites will cut 1/4" bolt.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00373	9000	[4WR] 4"; 15/16" Adjustment	
TOL00374	9001	[7WR] 7"; 1 5/8" Adjustment	
TOL00375	9002	[10WR] 10"; 1 7/8" Adjustment	



LONG NOSE PLIERS WITH WIRE CUTTER

Designed to reach places your fingers can't and lock on tight.

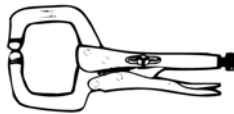
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00380	9003	[4LN] 4" Long Nose	
TOL00381	9004	[6LN] 6" Long Nose	
TOL00382	9005	[9LN] 9" Long Nose	



BENT NOSE PLIERS WITH WIRE CUTTER

Designed to reach places your fingers can't and lock on tight.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00383	16083	[6BN] 6" Bent Nose	



LOCKING "C" CLAMPS

Simply adjust to correct the opening, squeeze to lock and press the easy-release trigger to unlock. Small jaw areas at contact points are ideal for working in close quarters.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00376	9006	[6R] 6" C Clamp	
TOL00377	9007	[11R] 11" C Clamp	



SHEET METAL TOOL

Locks to work with powerful grip. Makes all kinds of bending, forming, crimping jobs easier and faster. You get a smoother, more accurate bending and seaming job. Micro-adjusting screw and easy release trigger.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00384	9010	[8R] 8" Sheet Metal Tool	



PINCH-OFF TOOL

Leaves both hands free. Specially designed for the refrigeration industry. Easy release trigger. Pinches off and locks on copper tubing instantly. Ideal for emergencies—no shut off valves needed.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00378	9013	[RR] 7" Pinch-Off Tool	



CHAIN CLAMP

Holds and locks around any size or shape; anything the chain can be wrapped around. Adjusts to ratchet action in any direction. Won't slip and won't crush thin-walled pipe.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00385	9012	[20R] Chain Clamp 19" Chain	



ALL-PURPOSE ELECTRICIAN'S TOOL

Crimps insulated sizes 22-10 and 7-8 MM auto ignition terminals. Six wire stripping stations for stripping 22-10 gauge wire. Features a wire cutter and a bolt cutter for five popular sizes, with perfect rethread. Crimps insulated terminals sizes 12-10 (yellow) and 22-14 (red and blue).

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00379	9315	All-Purpose Tool (Carded)	



WIRE STRIPPER-CUTTER

Features "Plier" nose for pulling and looping wire. Power spring to speed work. Strips and cuts 10-22 gauge wire. Vinyl cushion handles.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00386	9307	Wire Stripper-Cutter (Carded)	

GB ELECTRICAL PLIERS AND CUTTERS

High-carbon, micro-alloyed steel for durability and strength. Combination polished/black-oxide head resists corrosion. Color-coded, slip-resistant, comfort-grip handles for quick selection from tool pouch. Dual cutting edges and high-leverage handle design for optimum gripping and cutting performance. Extra heat treating on the cutting knives gives #18208 and #18213 increased hardness and longer life when cutting ACSR and most hardened wire.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01277	18198	5 5/8" Long Nose Pliers With Cutter	
TOL01278	18199	6 5/8" Long Nose Pliers With Cutter	
TOL01279	18200	8 1/2" Long Nose Pliers With Cutter	
TOL01280	18201	7" Curved Nose Pliers	
TOL01281	18202	8 1/2" Linemen's Pliers	
TOL01282	18203	9 1/2" Linemen's Pliers	
TOL01283	18204	7 3/4" Linemen's Pliers With Pipe Grip	
TOL01284	18205	8 3/4" Linemen's Pliers With Pipe Grip	
TOL01285	18206	9" Linemen's Pliers With Pipe Grip	
TOL01286	18207	9 1/4" Linemen's Pliers With Fish Tape Puller	
TOL01287	18208	9 1/2" Linemen's Pliers w/ Extra Hard Cutting Knives	
TOL01288	18209	6" Box Joint Cutting Pliers	
TOL01290	18211	8 1/8" Lap Joint Stripping / Cutting Pliers	
TOL01291	18212	8" Curved Diagonal Cutting Pliers	
TOL01292	18213	8" Cutting Pliers w/ Extra Hard Cutting Knives	

CHANNELLOCK® TOOL

Pliers

Heat treated cutters and high polished finish. CHANNELLOCK BLUE comfort grips.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00387	15178	[317] 7 1/2" Long Nose With Side Cutters	
TOL00388	15179	[326] 6" Long Nose With Side Cutters	
TOL00389	15180	[386] 6" Curved Long Nose	
TOL00402	15192	[738] 8" Long Reach Needle Nose	
TOL00390	15181	[348] 8 1/2" Rounded Nose Lineman Electrician	
TOL00391	15182	[3047] 7" Bevel Nose Lineman Electrician Pliers	
TOL00392	15183	[3048] 8 1/2" Bevel Nose Lineman Electrician	
TOL00393	15184	[3248] 8 1/2" Wiring With Cutter and Crimper	
TOL00394	16238	[909] 9 3/4" Crimping and Cutting	
TOL00395	15185	[337] 7" Lap Joint Cutting	
TOL00396	15186	[436] 6" Box Joint Cutting	
TOL00397	15188	[357] 7" End Cutting	
TOL00398	16239	[911] 9 1/2" Cable Cutting	
TOL00399	15189	[526] 6" Slip Joint	
TOL00400	15190	[548] 8" Slip Joint	
TOL00401	15191	[5410] 10" Slip Joint	

TONGUE AND GROOVE PLIERS

Right-angle teeth grip in all directions. Undercut Tongue and Groove, won't slip. PermaLock Fastener, eliminates nut and bolt failure. Reinforcing edge that minimizes stress breakage. CHANNELLOCK BLUE comfort grips.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00404	15169	[420] 9 1/2" Straight; 5 Adjustments; 1 1/2" Capacity	
TOL00405	15170	[422] 9 1/2" Curved; 5 Adjustments; 1 1/2" Capacity	
TOL00406	15171	[424] 4 1/2" Straight; 3 Adjustments; 1/2" Capacity	
TOL00407	15172	[426] 6 1/2" Straight; 5 Adjustments; 7/8" Capacity	
TOL00408	15173	[430] 10" Straight; 7 Adjustments; 2" Capacity	
TOL00409	15174	[440] 12" Straight; 7 Adjustments; 2 1/4" Capacity	
TOL00410	15176	[442] 12" Curved; 5 Adjustments; 1 1/2" Capacity	
TOL00411	15177	[460] 16" Straight; 8 Adjustments; 4 1/4" Capacity	

NUTBUSTER™ TONGUE AND GROOVE PLIERS

Right-angle teeth grip in all directions. Reinforcing edge that minimizes stress breakage. SAFE-T-STOP prevents finger pinch. Double Tongue and Groove, won't slip. PermaLock Fastener, eliminates nut and bolt failure. CHANNELLOCK BLUE comfort grips.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00403	16656	[414] 14" Plier; 6 Adjustments; 2" Capacity	



GRIPLOCK® TONGUE AND GROOVE PLIERS

Ergonomically-designed offset head for greater leverage. Special jaw design accommodates many shapes. PermaLock Fastener, eliminates nut and bolt failure. CHANNELLOCK BLUE comfort grips.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00412	16655	[GL10] 9½" Plier; 5 Adjustments; 1¼" Capacity	



ADJUSTABLE WRENCHES

Perfectly parallel jaw surfaces grip safely and reduce possibility of damage. Non-protruding jaw with thinner jaw profile permits easier use in more-confined spaces. Ergonomic handle is wider for more comfortable grip. Measurement scales (inches on one side mm on other) are handy for sizing nuts, pipe and tube diameters. Chrome vanadium steel construction with (2NI-1CR) coating.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00419	15201	[804] 4" Long, 0 to 9/16" Adjustment Range	
TOL00420	15202	[806] 6" Long, 0 to 13/16" Adjustment Range	
TOL00421	15203	[808] 8" Long, 0 to 15/16" Adjustment Range	
TOL00422	15204	[810] 10" Long, 0 to 13/16" Adjustment Range	
TOL00423	15205	[812] 12" Long, 0 to 13/8" Adjustment Range	
TOL00424	15206	[815] 15" Long, 0 to 13/4" Adjustment Range	

Hand Tools



SCREWDRIVERS

Chrome vanadium steel. Injection molded, butyrate handles.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00425	15193	[P14] #1 Phillips 5/32" Dia. 4" Blade (7¼" Overall)	
TOL00426	15194	[P24] #2 Phillips 7/32" Dia. 4" Blade (8" Overall)	
TOL00427	15195	[P36] #3 Phillips 5/16" Dia. 6" Blade (10" Overall)	
TOL00428	15196	[52] 5/32" Dia. 2" Blade (4" Overall)	
TOL00429	15197	[54] 5/32" Dia. 4" Blade (7¼" Overall)	
TOL00430	15198	[74] 7/32" Dia. 4" Blade (8" Overall)	
TOL00431	15199	[106] 5/16" Dia. 6" Blade (10" Overall)	
TOL00432	15200	[SA2] 7" Scratch Awl	

4-IN-1 SCREWDRIVER

Two phillips and two flat blades. No "O" rings to wear out. Bits and shank are held with ball retention. Convenient counter display carton.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00436	14878	4-In-1 Screwdriver	
TOL00437	17248	Replacement Bit: Phillips (#2 and #3)	
TOL00438	17249	Replacement Bit: Flat Blades	

6-IN-1 SCREWDRIVER

Two phillips and two flat blades; ¼" and 15/16" nutdrivers. No "O" rings to wear out. Counter display carton. Bits and shank are held with ball retention.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00439	16569	6-In-1 Screwdriver	
TOL00440	17250	Replacement Bit: Small Phillips (#1) / Flat Blade	
TOL00441	17251	Replacement Bit: Large Phillips (#2) / Flat Blade	



MECHANICAL SCREW STARTERS

Insert the screw on the prongs of the screw starter, twist and the screw is firmly held. Tool releases and resets automatically. Items 13081 and 13082 feature a strong 1" magnet and pocket clip. Item 13083 is shock-resistant and double-ended for standard slotted and phillips screws.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00433	13081	Slotted Screw, 5¾" Long (Aluminum)	
TOL00434	13082	Phillips, Torx, 5¾" Long (Aluminum)	
TOL00435	13083	Dual-Ended, 9" Long (Nylon)	

TOOL MAGNETIZER / DEMAGNETIZER

Magnetizes and demagnetizes screwdrivers and other small tools. Works in seconds - simple to use. Size: 1½" x 1½" x 1½".

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00446	18112	Tool Magnetizer / Demagnetizer	





NUTDRIVERS

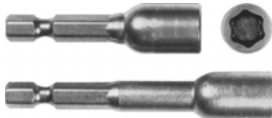
Color-coded, highest-quality cellulose acetate handles. Heat-treated, chrome-plated full hollow shafts. Made in the U.S.A.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00447	15156	Set of 5 (1/4", 5/16", 3/8", 7/16", 1/2")	
TOL00448	15157	Set of 7 (3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2")	
TOL00449	15158	3/16" Nutdriver	
TOL00450	15159	1/4" Nutdriver	
TOL00451	15160	5/16" Nutdriver	
TOL00452	15161	11/32" Nutdriver	
TOL00453	15163	3/8" Nutdriver	
TOL00454	15164	7/16" Nutdriver	
TOL00455	15165	1/2" Nutdriver	

NUTSETTERS AND SCREWDRIVER BITS

Point-of-purchase display packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00469	14047	1/4" Magnetic Nutsetter 1 7/8" Long (Display pack)	
TOL00470	14013	1/4" Magnetic Nutsetter 2 9/16" Long (1 per pack)	
TOL00471	14010	5/16" Magnetic Nutsetter 1 7/8" Long (1 per pack)	
TOL00472	14014	5/16" Magnetic Nutsetter 2 9/16" Long (1 per pack)	
TOL00473	14011	3/8" Magnetic Nutsetter 1 7/8" Long (1 per pack)	
TOL00474	14015	3/8" Magnetic Nutsetter 2 9/16" Long (1 per pack)	
TOL00475	14017	7/16" Magnetic Nutsetter 2 9/16" Long (1 per pack)	
TOL00476	14020	#1 Size Phillips Bit 1" Long (5 per pack)	
TOL00477	14023	#1 Size Phillips Bit 1 5/16" Long (5 per pack)	
TOL00478	14021	#2 Size Phillips Bit 1" Long (5 per pack)	
TOL00479	14024	#2 Size Phillips Bit 1 5/16" Long (5 per pack)	
TOL00480	14022	#3 Size Phillips Bit 1" Long (5 per pack)	
TOL00481	14026	#3 Size Phillips Bit 1 5/16" Long (5 per pack)	
TOL00482	14027	1/4" Flat Blade Bit 1" Long (5 per pack)	
TOL00483	14030	1/4" Flat Blade Bit 1 5/16" Long (5 per pack)	
TOL00484	14028	9/32" Flat Blade Bit 1" Long (5 per pack)	
TOL00485	14031	9/32" Flat Blade Bit 1 5/16" Long (5 per pack)	
TOL00486	14029	5/16" Flat Blade Bit 1" Long (5 per pack)	
TOL00487	14032	5/16" Flat Blade Bit 1 5/16" Long (5 per pack)	
TOL00488	14034	#1 Size Square Recess Bit 1 5/16" Long (5 per pack)	
TOL00489	14035	#2 Size Square Recess Bit 1 5/16" Long (5 per pack)	
TOL00490	14036	#3 Size Square Recess Bit 1 5/16" Long (5 per pack)	
TOL00491	14033	1/4" Magnetic Bit Holder 3" Long (1 per pack)	



PREMIUM LOBULAR MAGNETIC NUTSETTER

Powerful rare-earth magnet. Magnetic fastener retention for a positive hold. Point-of-purchase display packaging. Lobular socket design provides superior strength. Tangential force prevents rounding and helps protect painted finish. Exceptional performance in extended reach applications. Outperforms all others for long screw installation.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00468	14009	1/4" Magnetic Nutsetter 1 7/8" Long (1 per pack)	
TOL00456	18102	1/4" Magnetic Nutsetter 1 7/8" Length (1 per pack)	
TOL00457	18103	5/16" Magnetic Nutsetter 1 7/8" Length (1 per pack)	
TOL00458	18104	3/8" Magnetic Nutsetter 1 7/8" Length (1 per pack)	
TOL00459	18105	1/4" Magnetic Nutsetter 2 9/16" Length (1 per pack)	
TOL00460	18106	5/16" Magnetic Nutsetter 2 9/16" Length (1 per pack)	
TOL00461	18107	3/8" Magnetic Nutsetter 2 9/16" Length (1 per pack)	
TOL00462	18108	7/16" Magnetic Nutsetter 2 9/16" Length (1 per pack)	

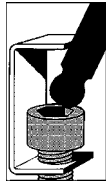
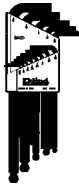
SERVICE VALVE TOOL

3/16" hex fits liquid line. 5/16" hex fits suction line. 1/4" square drive fits refrigeration ratchet.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01322	18846	Service Valve Tool (1 per pack)	

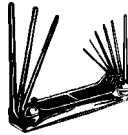
Hex-Keys



EKLIND® BALL-HEX•L™ KEY SETS

Turns 360° at up to 25° angle. Extra torque 8650 chrome-nickel alloy. Heat treated for maximum strength. Finished to resist rust.

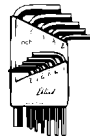
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00463	18041	[13207] 7 Piece Set (5/64" - 1/4")	
TOL00464	18042	[13211] 11 Piece Set (.050" - 1/4")	
TOL00465	18043	[13213] 13 Piece Set (.050" - 3/8")	
TOL00466	18044	[13607] 7 Piece Metric Set (1.5 - 6 mm)	
TOL00467	18045	[13609] 9 Piece Metric Set (1.5 - 10 mm)	



EKLIND® FOLD-UP HEX KEY SETS

Extra torque 8650 chrome-nickel alloy. Heat treated for maximum strength. Finished to resist rust.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00492	16603	[20911] 9 Piece 5/16" - 1/4" Fold-Up Hex Keys	
TOL00493	16604	[20811] 8 Piece .050" - 5/32" Fold-Up Hex Keys	
TOL00494	16605	[20511] 5 Piece 3/16" - 3/8" Fold-Up Hex Keys	
TOL00495	16606	[21171] 7 Piece 1.5 mm - 6 mm Fold-Up Hex Keys	



EKLIND® HEX-L KEYS

Extra torque 8650 chrome-nickel alloy. Heat treated for maximum strength. Finished to resist rust.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00496	16612	[10311] 6" 11 Piece Hex-L Key Set (Pouch)	
TOL00497	16613	[10407] 12" 7 Piece Hex-L Key Set (Pouch)	
TOL00498	16614	[10107] Short 7 Piece 5/64" - 1/4" Hex-L Key Set	
TOL00499	16615	[10111] Short 11 Piece .050" - 1/4" Hex-L Key Set	
TOL00500	16616	[10207] Long 7 Piece 5/64" - 1/4" Hex-L Key Set	
TOL00501	16617	[10211] Long 11 Piece .050" - 1/4" Hex-L Key Set	
TOL00502	16638	[15305] 6" 5/64" Hex-L Key	
TOL00503	16639	[15306] 6" 3/32" Hex-L Key	
TOL00504	16640	[15307] 6" 7/64" Hex-L Key	
TOL00505	16641	[15308] 6" 1/8" Hex-L Key	
TOL00506	16642	[15309] 6" 9/64" Hex-L Key	
TOL00507	16643	[15310] 6" 5/32" Hex-L Key	
TOL00508	16644	[15312] 6" 3/16" Hex-L Key	
TOL00509	16645	[15314] 6" 7/32" Hex-L Key	
TOL00510	16646	[15316] 6" 1/4" Hex-L Key	
TOL00511	16647	[15405] 12" 5/64" Hex-L Key	
TOL00512	16648	[15406] 12" 3/32" Hex-L Key	
TOL00513	16649	[15408] 12" 1/8" Hex-L Key	
TOL00514	16650	[15410] 12" 5/32" Hex-L Key	
TOL00515	16651	[15412] 12" 3/16" Hex-L Key	
TOL00516	16652	[15414] 12" 7/32" Hex-L Key	
TOL00517	16653	[15416] 12" 1/4" Hex-L Key	



EKLIND® HEX-T KEYS

One-piece loop handle for extra strength and leverage. 6" and 9" arm lengths available. 8650 alloy steel. Hardened and tempered.



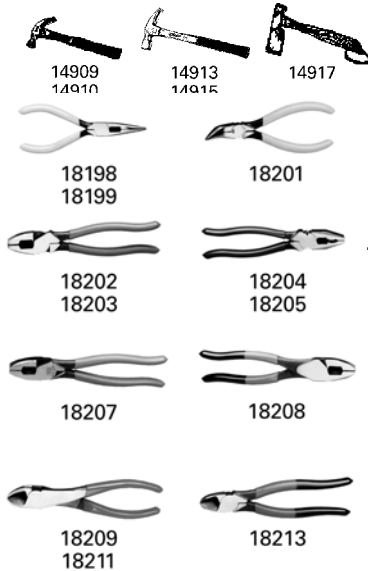
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00518	16610	[33168] 6" 8 Piece 3/32" - 1/4" Hex-T Key Set	
TOL00519	16611	[33198] 9" 8 Piece 3/32" - 1/4" Hex-T Key Set	
TOL00520	16618	[31606] 6" 3/32" Hex-T Key	
TOL00521	16619	[31607] 6" 7/64" Hex-T Key	
TOL00522	16620	[31608] 6" 1/8" Hex-T Key	
TOL00523	16621	[31609] 6" 9/64" Hex-T Key	
TOL00524	16622	[31610] 6" 5/32" Hex-T Key	
TOL00525	16623	[31612] 6" 3/16" Hex-T Key	
TOL00526	16624	[31614] 6" 7/32" Hex-T Key	
TOL00527	16625	[31616] 6" 1/4" Hex-T Key	
TOL00528	16626	[31620] 6" 5/16" Hex-T Key	
TOL00529	16627	[31624] 6" 3/8" Hex-T Key	
TOL00530	16628	[31906] 9" 3/32" Hex-T Key	
TOL00531	16629	[31907] 9" 7/64" Hex-T Key	
TOL00532	16630	[31908] 9" 1/8" Hex-T Key	
TOL00533	16631	[31909] 9" 9/64" Hex-T Key	
TOL00534	16632	[31910] 9" 5/32" Hex-T Key	



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00535	16633	[31912] 9" 3/16" Hex-T Key	
TOL00536	16634	[31914] 9" 7/32" Hex-T Key	
TOL00537	16635	[31916] 9" 1/4" Hex-T Key	
TOL00538	16636	[31920] 9" 5/16" Hex-T Key	
TOL00539	16637	[31924] 9" 3/8" Hex-T Key	

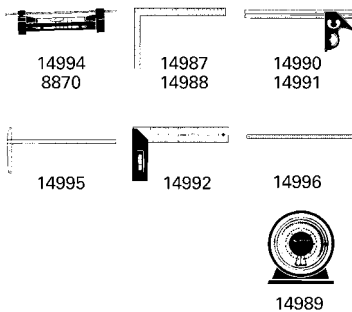
Hammers and Pry Bars

VAUGHAN HAMMERS AND PRY BARS



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00540	14909	[S16F] 16 oz Curved Claw-Fiberglass	
TOL00541	14910	[S20F] 20 oz Curved Claw-Fiberglass	
TOL00542	14911	[R16] 16 oz Curved Claw-Steel Handle	
TOL00543	14912	[R20] 20 oz Curved Claw-Steel Handle	
TOL00544	14913	[S16FR] 16 oz Straight Claw-Fiberglass	
TOL00545	14915	[R99] 16 oz Straight Claw-Steel Handle	
TOL00546	14916	[R999] 20 oz Straight Claw-Steel Handle	
TOL00547	14917	[SH] 14 oz Shingling Hatchet	
TOL00548	14918	[WBS] 12 oz Drywall Hammer	
TOL00549	14919	[S308] 8 oz Ball Pein Hammer	
TOL00550	14920	[S2012] 12 oz Ball Pein Hammer	
TOL00551	14921	[S016] 16 oz Ball Pein Hammer	
TOL00552	14922	[S120] 20 oz Ball Pein Hammer	
TOL00553	14923	[S224] 24 oz Ball Pein Hammer	
TOL00554	14924	[S432] 32 oz Ball Pein Hammer	
TOL00555	14925	[TR12] 12 oz Tinner's Riveting Hammer	
TOL00556	16924	[TR16F] 16 oz Tinner's Riveting Hammer-Fiberglass	
TOL00557	14926	[SDF40] 2 1/2 lb Engineer's Hammer	
TOL00558	14927	[B215] 15" Superbar	
TOL00559	14928	[RB18] 18" Ripping Bar	
TOL00560	14929	[DB125] 1 lb Dead Blow Hammer	
TOL00561	14930	[DB175] 3 lb Dead Blow Hammer	
TOL00562	14931	[DB200] 4 1/4 lb Dead Blow Hammer	

Levels



EMPIRE® LEVELS, SQUARES AND PROTRACTORS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00563	14994	Line Level	
TOL00564	8870	Vari-Pitch Line Level	
TOL00565	8871	6" Pocket Level	
TOL00566	14985	9" Aluminum Torpedo Level	
TOL00567	8875	9" Magnetic Aluminum Torpedo Level	
TOL00568	14986	9" Magnetic Aluminum Torpedo Level (Economy)	
TOL00569	8873	9" Magnetic Polycast Torpedo Level	
TOL00570	14981	24" Aluminum Level	
TOL00571	14984	24" Aluminum Level With Magnetic Base	
TOL00572	14982	48" Aluminum Level	
TOL00573	14992	8" Try Square	
TOL00574	14990	12" Combination Square	
TOL00575	14991	16" Combination Square	
TOL00576	14987	16" x 24" Steel Framing Square	
TOL00577	14988	16" x 24" Aluminum Framing Square	
TOL00578	14995	48" Aluminum T-Square	
TOL00579	14996	48" Aluminum Straight Edge Rule	
TOL00580	14989	Magnetic Protractor	
TOL00581	14993	5 oz Plumb Bob	

Measuring Tapes



POWER TAPE MEASURES

Durable yellow-epoxy blade coating. No-shift locking action. Sliding end hook for true zero. Vivid two-color markings. Removable belt clip. Made in the U.S.A.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TAP00050	9506	¾" x 16' Power Tape Measure	
TAP00051	9512	1" x 25' Power Tape Measure	
TAP00052	9513	1" x 30' Power Tape Measure	
TAP00053	9526	¾" x 16' Refill Tape	
TAP00055	9533	1" x 30' Refill Tape	

Hoses



FLEXOGEN® GARDEN HOSE

Patented six-layer construction. Kink and pressure twist-resistant. Heavy-duty brass couplings. Built-in washer seals tight. Lightweight and flexible. Two layers of cord reinforcing.

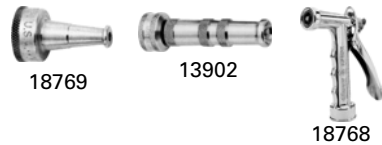
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HSE01148	13898	⅝" x 25' Flexogen Hose	
HSE01108	13899	⅝" x 50' Flexogen Hose	



ECONOMY GARDEN HOSE

Economically priced. Lightweight and flexible. Full-Flor brass couplings. Knit reinforcement.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HSE01149	13900	⅝" x 25' Economy Hose	
HSE01150	13901	⅝" x 50' Economy Hose	



GARDEN HOSE SPRAY NOZZLES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
NOZ00811	18768	[573] Pistol Grip Spray Nozzle	
NOZ00812	18769	[06BJ] Brass Water Jet Nozzle	
NOZ00810	13902	[528] Full Size Brass Twist Nozzle	



GARDEN HOSE ACCESSORIES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CON01003	13903	Brass Quick Coupler Set	
CON01004	13904	Brass Quick Coupler Male	
CON01005	13905	Brass Quick Coupler Female	
WAS00971	17384	Filter Washer (3 per pack)	

Brushes



DUCT CLEANING BRUSH

Black fiber bristles twisted in wire. 2⅛" dia. x 7" brush x 48" length.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00038	9235	Duct Cleaning Brush	



FURNACE BRUSH

Extra heavy fill. 6" long brush part with twisted wire handle and large loop end.

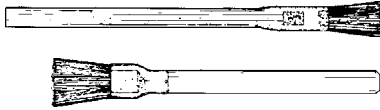
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00039	17786	42" Long 3" Diameter Furnace Brush	



RADIATOR CLEANING BRUSH

Black horse-hair twisted in wire. 2⅛" dia. x 7" brush length x 27" length. Sturdy plastic handle.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00049	9234	Radiator Cleaning Brush	



ACID BRUSHES

Available in both display packaging and bulk packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00152	13891	3/8" Tin Handle Display package (10 per pack)	
BRU00153	13892	1/2" Tin Handle Display Package (10 per pack)	
BRU00154	13893	5/8" Tin Handle Display Package (5 per pack)	
BRU00155	13894	3/4" Tin Handle Display Package (2 per pack)	
BRU00156	13895	3/4" Wood Handle Display Package (2 per pack)	
BRU00147	9100	3/8" Tin Handle Bulk Package	
BRU00148	13887	1/2" Tin Handle Bulk Package	
BRU00149	13888	5/8" Tin Handle Bulk Package	
BRU00150	13889	3/4" Tin Handle Bulk Package	
BRU00151	13890	3/4" Wood Handle Bulk Package	



BLACK NYLON CONDENSER AND HEAT EXCHANGER BRUSHES

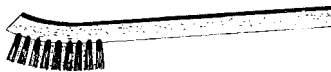
Use for all types of metals. 1/4" brush attached to 2" nipples with 8-32 female thread. 3/8" to 1" brush attached to 2" nipples with 12-24 thread.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00032		1/2 to 1" Spin Grit, w/male thread	
BRU00033		1/2 to 1" Spin Grit Xmas Tree w/male thread	
BRU00062	9195	1/4" brush diameter x 3" length	
BRU00063	9196	3/8" brush diameter x 4" length	
BRU00064	9197	7/16" brush diameter x 4" length	
BRU00065	9198	1/2" brush diameter x 4" length	
BRU00066	9199	9/16" brush diameter x 4" length	
BRU00067	9200	5/8" brush diameter x 4" length	
BRU00068	9201	11/16" brush diameter x 4" length	
BRU00069	9202	3/4" brush diameter x 4" length	
BRU00070	9203	13/16" brush diameter x 4" length	
BRU00071	9204	7/8" brush diameter x 4" length	
BRU00072	9205	15/16" brush diameter x 4" length	
BRU00073	9206	1" brush diameter x 4" length	

SPIN-GRIT™ CONDENSER BRUSH

Single-stem construction with silicone-carbide-impregnated nylon recommended for brass tubes. Provides better cleaning and longer life than conventional condenser brushes. Brush is oversized so the filament will lay over, resulting in increased contact with surface. Available with male or female threads.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00096	17776	1/2" Spin-Grit Brush with female threads	
BRU00097	17777	3/4" Spin-Grit Brush with female threads	
BRU00098	17778	1" Spin-Grit Brush with female threads	
BRU00099	17779	1 1/4" Spin-Grit Brush with female threads	
BRU00100	17780	1/2" Spin-Grit Brush with male threads	
BRU00101	17781	3/4" Spin-Grit Brush with male threads	
BRU00102	17782	1" Spin-Grit Brush with male threads	
BRU00103	17783	1 1/4" Spin-Grit Brush with male threads	



STOVE AND APPLIANCE BRUSH

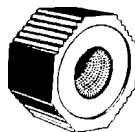
Stainless-steel bristle brush. Used for general purpose cleaning.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00104	9222	Stove and Appliance Brush	



SHOE HANDLE WIRE BRUSH

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00105	9218	Shoe Handle Wire Brush	



ECONOMY COPPER TUBE FITTING BRUSH

Stainless-steel wire. Pear-shaped wire handle.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00106	9133	1/2" I.D. Brush	
BRU00107	9135	3/4" I.D. Brush	
BRU00108	9136	1" I.D. Brush	



COPPER PIPE CLEANING BRUSHES

For cleaning the outside of pipe and tubing ends.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00109	9140	1/8" I.D. - 1/4" O.D.	
BRU00110	9141	1/4" I.D. - 3/8" O.D.	
BRU00111	9142	3/8" I.D. - 1/2" O.D.	
BRU00112	9143	1/2" I.D. - 5/8" O.D.	
BRU00113	9144	5/8" I.D. - 3/4" O.D.	
BRU00114	9145	3/4" I.D. - 7/8" O.D.	
BRU00115	9146	7/8" I.D. - 1" O.D.	
BRU00116	9147	1" I.D. - 1 1/8" O.D.	

2-IN-1 TOOL

One end cleans the fitting and the other cleans the tube. Combination tool that fits your hand comfortably and really works.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00417	17784	5/8" OD (1/2" ID) 2-In-1 Tool	
TOL00418	17785	7/8" OD (3/4" ID) 2-In-1 Tool	

COPPER TUBE FITTING BRUSH

Stainless-steel wire. Hand-fitting poly grip.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
BRU00119	9110	1/4" O.D. Brush	
BRU00120	9111	3/8" O.D. Brush	
BRU00121	9112	1/2" O.D. Brush	
BRU00122	9113	5/8" O.D. Brush	
BRU00123	9114	3/4" O.D. Brush	
BRU00124	9115	7/8" O.D. Brush	
BRU00125	9116	1" O.D. Brush	
BRU00126	9117	1 1/8" O.D. Brush	
BRU00127	9118	1 3/8" O.D. Brush	
BRU00128	9120	1/8" I.D. Brush	
BRU00129	9121	1/4" I.D. Brush	
BRU00130	9122	3/8" I.D. Brush	
BRU00131	9123	1/2" I.D. Brush	
BRU00132	9125	3/4" I.D. Brush	
BRU00133	9126	1" I.D. Brush	
BRU00134	9127	1 1/4" I.D. Brush	
BRU00135	9128	1 1/2" I.D. Brush	
BRU00136	9129	2" I.D. Brush	

Sprayers

ALL PURPOSE SPRAYERS

Has a measured ounce guide. Use for a spray mist or a full jet stream. Use for water-treatment chemicals, insecticides, gardens, laundry, hair, etc.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01273	0140	Pint Sprayer	
TOL01344	0141	Quart Sprayer	



INDUSTRIAL SPRAYERS

42" polyethylene-lined hose. Ideal for heavy-duty commercial and industrial use. Rigid thermoplastic polymer tank is more durable than metal. Pivoting external carry handle for easy pouring and carrying. Flexible 16" polymer wand for easy spraying. Chemical resistant. Hose spring to prevent kinks at the tank connection. Assorted specialty tools.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01118	18766	[100HDP] 1 Gallon Industrial Sprayer	
TOL01119	18767	[300HDP] 3 Gallon Industrial Sprayer	



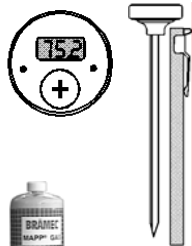
Miscellaneous Tools



BRAMEC DIAL THERMOMETER

Hex nut adjustment. Stainless-steel case. Can be used for solids, liquids, or gases. Pocket clip and protective sheath.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THR00030	8966	-40° To +160° F, 2° Increments, 1" Dial	
THR00031	8967	0° To +220° F, 2° Increments, 1" Dial	
THR00032	13913	25° To 125° F, 1° Increments, 1" Dial	
THR00033	13914	50° To 550° F, 5° Increments, 1" Dial	
THR00034	13915	-40° To 160° F, 2° Increments, 1¾" Dial	
THR00035	13916	0° To 220° F, 2° Increments, 1¾" Dial	
THR00036	13917	25° To 125° F, 1° Increments, 1¾" Dial	
THR00037	13918	-40° To 160° F, -40° To 70° C, 1¾" Dial	
THR00038	13919	0° To 220° F, -10° To 100° C, 1¾" Dial	



BRAMEC DIGITAL THERMOMETER

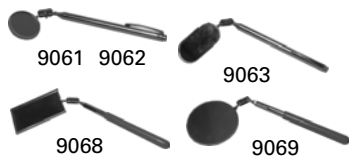
Resolution: 0.1°F. Accuracy: ±0.1°F. 1¼" plastic dial. Pocket clip case. 5" stainless-steel stem. CAUTION: Do not put inside of an oven.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
THR00029	17535	Digital Thermometer (-58° To 302°F)	
THR00028	17383	[393] Battery For Digital Thermometer	



PROPANE AND MAPP GAS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CYL00190	1201	Propane, 14.1 oz Cylinder	
CYL00191	1202	Mapp Gas, 16 oz Cylinder	



EXTEND-A-MIRROR™

Telescopic to 19" (9061, 9062, 9063) or to 15" (9068, 9069). Made of durable chrome-plated brass with a pocket clip. Features a double ball joint with a nylon-insert locking nut for 360° viewing without mirror movement due to a loose joint.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00582	9061	7/8" Round Mirror (Carded)	
TOL00583	9062	1¼" Round Mirror (Carded)	
TOL00584	9063	1" x 2" Oval Mirror (Carded)	
TOL00585	9068	2 1/8" x 3 1/2" Mirror (Carded)	
TOL00586	9069	3¼" Mirror (Carded)	



EXTEND-A-MATCH™

Packaged in attractive skin-pack. Retracts to 5" long and can be carried in shirt pocket. Made of durable chrome-plated brass. Match can be quickly inserted in the spring loaded jaws.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00590	0170	Extend-A-Match	



EXTEND-A-MAGNET™

Telescopes into 18" and retracts to 6" with pocket clip. Can reach in far tight spots. Strong magnet. Durable chrome-plated brass body.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00587	9060	Extend-A-Magnet (Carded)	



HI-POWER EXTEND-A-MAGNET™

Neodymium-iron-boron extra-high-flux magnet for greater pick up. Picks up to 3½ lbs. Super-adjustable telescoping action. Bright chrome-plated brass handle. Extends from 5 7/8" to 25 9/16".

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00591	18109	Hi-Power Extend-A-Magnet	



FLEXIBLE SPRING CLAW

Grasps hot machine utensils, dropped machine parts, tools, etc.; 23½" long. Press plunger and four spring-steel claws open wide; release plunger and claws retract.

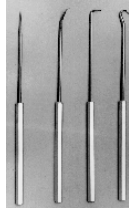
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00588	18111	Flexible Spring Claw	



FLEXIBLE ON/OFF MAGNETIC RETRIEVER

Flexible for snaking through difficult areas. Picks up to 1½ lbs. Made In U.S.A. Simply push plunger to activate magnet and release plunger to deactivate. 22" long.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00592	18113	Flexible On/Off Magnetic Retriever	



FOUR PIECE HOOK AND PICK SET

Made of high carbon polished steel. Each set includes: straight pick, complex pick, 90° pick, and a hook pick. Ideal for separating wires, removing "O" rings, retrieving washers and loose parts.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00589	14066	Four Piece Hook and Pick Set	

DOUBLE-POINTED SCRIBER

Straight and 90° angle points for marking in awkward places. 8½" long. Heat-treated, bright-polished, high-carbon needle points. Knurled aluminum handle gives sure grip.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00593	18110	Double Pointed Scriber	



AC SENSORS

UL listed. Senses voltage through insulation. No contact with conductor wire required. Tip glows bright red in presence of AC voltage. Batteries included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00595	14951	AC Sensor: 110 - 600 Volts AC	

HEAVY-DUTY TEST LEADS

Point-of-purchase display packaging. Red and black test lead in each pack. 18 gallon 90°C EPR rubber insulation. Soldered connections. Flexible down to -30°C.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00597	13807	36" Test Leads (Pair)	



GB CIRCUIT ALERT™ NON-CONTACT VOLTAGE TESTER

Tests from 50–600 volts AC. Audible (beeping) and visual (flashing) indicators signal presence of AC voltage. Quickly locates hot and neutral terminal in any receptacle. Non-contact insulated tip allows for safe troubleshooting of high-voltage circuits. Built-in "safe-test" feature indicates that test and batteries are operating properly. Compact design fits in shirt pocket.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01293	18215	Circuit Alert Non-Contact Voltage Tester	



FISH TAPE

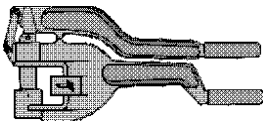
Nylon safety band prevents tape pop-out. Reel made of shatterproof Cycholac.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00607	18498	50' Fish Tape	
TOL00608	13933	100' Fish Tape	

THINWALL CONDUIT BENDER

Cut bending time in half with built in acrylic levels. High strength aluminum alloy.

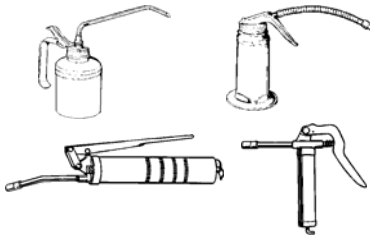
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00609	13934	½" Thinwall Bender	
TOL00610	13935	¾" Thinwall Bender	



STUD PUNCH

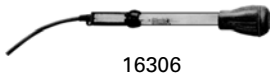
Lightweight, high-strength, aluminum casting. Cushioned grips for easy handling. For metal studs up to 20 gauge in thickness. Case-hardened for longer life. Adjustable for a center hole in either 2" x 4" or 2" x 6." Punches with 3" minimum spacing between studs. Standard 1⅜" (1" KO) diameter holes.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00611	17888	Stud Punch (1" KO)	



OIL CANS, GREASE GUNS AND ACCESSORIES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00622	14141	[50-337] Pint Oiler With 9" Flexible Spout	
TOL00623	14142	[50-340] Pint Oiler With 9" Rigid Spout	
TOL00624	14143	[50-515] 6 oz Oiler With 6" Rigid Spout	
TOL00625	14144	[50-516] 6 oz Oiler With 6" Flexible Spout	
TOL00626	14145	[30-445] 14 oz Heavy Duty Grease Gun	
TOL00627	14146	[30-132] 3.5 oz Mini Grease Gun	
TOL00628	14149	[10-212] 12" Heavy Duty Flexible Grease Hose	
TOL00629	14150	[10-219] 18" Heavy Duty Flexible Grease Hose	
TOL00630	17118	[10-236] 36" Heavy Duty Grease Hose	
TOL00631	14151	[05-031] Standard Grease Gun Coupler	
TOL00632	14152	[11-950] Grease Fitting Assortment (50 per pack)	
TOL00633	14153	[11-953] Grease Fitting Assortment (100 per pack)	



16306

ANTI-FREEZE TESTERS

Extra long for greater reach. Compensates for all temperature variations.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01536	19765	[70-055] Propylene Glycol Anti-Freeze Tester	
TOL01439	19764	[70-057] Ethylene Glycol Anti-Freeze Tester	



FUNNELS

16307 lightweight, general-purpose funnel. 16308 heavy-duty, galvanized-steel construction and has a 15" flexible tube with a safety strainer screen.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00636	16307	[75-001] 1 qt Utility Funnel	
TOL00637	16308	[75-007] 1 qt Utility Funnel with 15" tube	

Saws and Knives



ROCKEATER™ KEYHOLE SAW

Super-sharp punching point and extra-stiff blade punching power. Extremely sharp two-cutting-edge teeth designed to cut both directions. Knife-edged point for scoring sheetrock. High-quality carbon steel for long-lasting sharpness. Durable high-impact ABS plastic handle. Contoured handle for strong grip and textured to prevent slippage.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01294	18476	[10-2206] Rockeater Keyhole Saw	
TOL01295	18477	[90-5300] Heavy-Duty Leather Sheath	



PLASTIC PIPE SAW

Clean and fast cutting of PVC, ABS-Acrylic Board and other plastic materials. No burring. Diamond cut 3 cutting edge teeth. Handle made of high-impact ABS plastic. Pull to cut method makes sawing faster, cleaner, easier, and safe (no buckling, binding). Very flexible thin blade to achieve a narrower kerf and fast cut. Electric impulse hardened.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01296	18478	[10-2201] Plastic Pipe Saw	



PULLSAW® 12" CARPENTRY SAW

Great for general carpentry work, particle board, plywood / wallboard, PVC and ABS (thick wall), and treated material. High-quality spring-carbon steel. Cuts rip and across. Diamond cut three cutting-edge teeth. Electric impulse hardened. Durable high-impact ABS plastic handle. Safe—no binding or buckling. Able to do undercut.

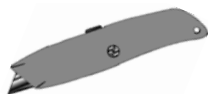
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01297	18479	[10-2312] Pullsaw 12" Carpentry Saw	



ELECTRICIAN'S KNIFE

Useful at the job site, shop, or home. Comes with convenient carrying shackle. Blades made of high-carbon steel for a sharp edge and long life.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00612	8978	Two Blade Model, 3¾" Long	
TOL00613	8979	Three Blade Model, 3¾" Long	



HI-VISIBILITY RETRACTABLE UTILITY KNIFE

Hi-visibility "neon orange." Rugged sturdy handle. Safety lip. Point-of-purchase packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01301	18534	Hi-Visibility Retractable Utility Knife	



RETRACTABLE UTILITY KNIFE

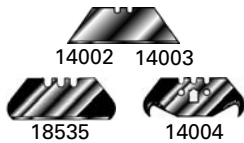
Rugged sturdy handle. Safety lip. Point-of-purchase packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00614	14000	Retractable Utility Knife With Five Blades Included	

UTILITY KNIFE BLADES

Point-of-purchase packaging. Blade thickness: .025.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00616	14002	Utility Knife Blades (5/Card)	
TOL00617	14003	Utility Knife Blade Dispenser With 100 Blades	
TOL00618	14004	Hook Blades For 14000 (5/Card)	
TOL01302	18535	Round Corner Utility Knife Blades (5/Card)	



CARTON CUTTER

Point-of-purchase packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01303	18536	Carton Cutter With Six Blades	



SAFETY SCRAPER

All metal. Point-of-purchase packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01304	18537	Safety Scraper With Five Blades	



DEBURRING TOOL FOR COPPER AND PLASTIC

Fast, easy way to deburr and smooth inside of copper or plastic tubing 1/4" and larger. Free-rotating hardened-steel blades. Blade shape insures clean, accurate cut. Just spin blade around tube. Made in the U.S.A.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01252	0180	Deburring Tool	



LI'L NIPPER™

Cuts all sizes up to 1/4" polyethylene, PVC, ABS, and rubber hose. Cutters are light and can be handily carried in the back pocket or tool pouch. Strong nylon handle with replaceable blades. Cutters do not distort pipe.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00620	0125	Li'l Nipper	
TOL00621	0127	Two Replacement Blades	



BIG NIPPER™

Cuts hose and tubing up to 2 1/2" I.D., PE. up to 1 1/2" I.D. and PVC up to 1 1/2" I.D. Excellent for cutting tubing insulation. Replaceable stainless-steel blade. Clean cut—no burrs or sawdust.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00634	16368	Big Nipper	
TOL00635	16369	Two Replacement Blades	



PUTTY KNIVES AND SCRAPERS

Nail-set plastic handle. Full-tang, carbon-steel, mirror-finish blade. Point-of-purchase packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01307	18542	3" Flex Scraper	



5-IN-ONE TOOL (BURN-OFF SCRAPER)

Point-of-purchase packaging. Sharp blade scraper. Spreader. Putty remover. Sharp point opens and cleans cracks. 1/2" round cut-out cleans paint rollers.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01308	18543	Five-In-One-Tool	



Tool Holders

PLANO 15" TOOLBOX

Lift-out tray can be carried separately. Solid brass hardware. Handy, compact size. Rustproof protection. Holds full-size hammers. Rugged, rustproof red plastic. Tools not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01275	13204	[303] 15 ³ / ₈ " × 7 ³ / ₄ " × 5 ¹ / ₄ "	

PLANO 21" TOOLBOX

BOX01505	20037	Box; tool with ServiceFirst logo, Plano 21" with lift-out tray, 2500-square-inch capacity	
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BUCKET BOSS® 35 BUCKET TOOL CARRIER

Rugged, water resistant 600 denier fabric. Interior loop keeps hammer in place and accessible. Flapped security pocket. Big interior pockets. Tape-measure pocket allows quick access. Handy loop dispenses tape. Twenty-seven outside pockets, eight inside pockets.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00645	18737	[01035] Boss 35 polyester tool carrier	

BUCKET BOSS® 45 BUCKET TOOL CARRIER

Rugged Boss®Tex ripstop fabric. Built-in drill holster with drill-bit pockets. Interior loop keeps hammer in place and accessible. Deep interior pockets. Handy loop dispenses tape. Elastic screw-bit organizer. Flapped security pocket. Thirty-six outside pockets. Nine inside pockets. Bucket and tools not included.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01309	18739	[01045] Bucket Boss 45	

BUCKET BOSS® 56 BUCKET TOOL CARRIER

Built-in drill holster with drill-bit pockets. Rugged Boss®Tex ripstop fabric with Super Boss®Tex ballistic fabric reinforcement. Handy loop dispenses tape. Two tiers of deep interior pockets. Flapped security pocket. Elastic screw-bit organizer. Two pockets for screw bits and small items. Interior loop keeps hammer in place and accessible. Thirty-eight outside pockets, eighteen inside pockets. Bucket and tools not included.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01310	18740	[01056] Bucket Boss 56	

STACKER™ POCKETS TOOL CARRIER

Great with stackers and seat. Twenty-three pockets. 600 D Poly (safety yellow). Bar-tacked seams.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00644	16262	[03061] Stacker Pockets Tool Carrier Bucket Stacker®	

BUCKET STACKER

Four compartments. Stacks four deep in any five-gallon bucket. Yellow color. Pencil holder, drill bit sizer, and 4" measuring rule.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00650	16677	[15051] Bucket Stacker	

SUPER STACKER™

Organize small parts. 44% larger than original stacker. Stacks three deep in any five-gallon bucket. Nests with itself and with original stacker. Drill bit sizer, pencil holder, and 4" measuring rule. Parts not included.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01314	18745	[15054] Super Stacker	

BUCKET SEAT

Air cushioned. Fits any standard 3.5 to 7 gallon bucket. Textured non-slip top. Constructed of recycled materials. Made in U.S.A.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00647	16265	[10010] Bucket Seat	

5 GALLON BUCKET

HDPE plastic. Extra-sturdy handle.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00651	16302	5 gal Bucket	



PRO SUPER GATEMOUTH™ TOOL BAG

Cavernous main compartment—20"L x 12"W x 14"H. Rugged Boss® Tex ripstop fabric with SuperBoss® Tex ballistic reinforcement on the side and bottom. Handy outside loop dispenses tape or keeps keys handy. 39 exterior pockets and 10 interior pockets organize your tools. Inside end pockets for plastic parts cases or other bulky items. Outside elastic straps for quick access to a level or favorite long-handled tool. Elastic end pockets are great for gloves and hats. Rigid bottom padded to protect tools. Beefy shoulder strap for heavy loads. Tools not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01312	18742	[06067] Pro Super Gatemouth Tool Bag	



PRO GATEMOUTH™ TOOL BAG

Larger size with a wider opening for easier access to the inside. Rugged Boss® Tex ripstop fabric with SuperBoss® Tex ballistic reinforcement on the side and bottom. Outside elastic straps for quick access to a level or favorite long-handled tool. Exterior loop dispenses tape or keeps keys handy. Rigid bottom padded to protect tools. Elastic end pockets are great for gloves or hats. Beefy shoulder strap for heavy loads. Inside size: 18"L x 10"W x 12"H. Tools not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01313	18743	[06066] Pro Gatemouth Tool Bag	



GATEMOUTH™ TOOL BAG

Super-wide opening. 600 D poly. Padded web handles. Adjustable shoulder strap. Padded sides. Rigid bottom. 17"L x 9"W x 12"H. Tools not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HLD00233	18233	[06004] Gatemouth Tool Bag	



GATEMOUTH™ JR TOOL BAG

Super-wide opening. 600 D poly. Double web handles. Twenty-three pockets. Padded sides and bottom. 13"L x 9"W x 8"H. Tools not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HLD00234	18234	[06007] Gatemouth Jr Tool Bag	



CONTRACTOR'S RIG™ TOOL BELT

Rugged Ansor-tex nylon construction. 30 pockets. Fully padded, generously sized pouches. Comfortable, padded adjustable belt with reinforced spine prevents crushing under load. Center buckle fully adjusts to fit waists 28 to 52". Tools not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01315	18748	[55034] Contractor's Rig Tool Belt	



BUILDER'S RIG™ TOOL BELT

Rugged Ansor-tex nylon construction. 18 pockets plus tape measure pouch. Right and left metal hammer loops, also for hammer tackers. Generously pleated pocket to hold plenty of nails securely. Padded foam belt with integral spine prevents crushing. Center buckle fully adjusts to fit waists 28" to 52". Tools not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01316	18749	[55033] Builder's Rig Tool Belt	



DRILL HOLSTER

Retention strap to hold drill in place. Multiple pockets to keep drill and screw bits handy. Padded extension, leg stays protected from the drill's sharp end. Made of super-tough Ansor-tex nylon. Drill not included.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HLD00235	18750	[54006] Drill Holster	

Drill Bits

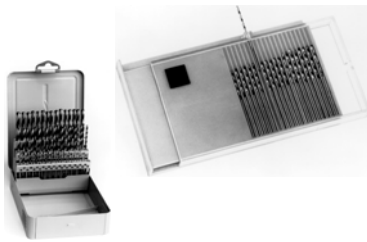


SAWTOOTH DRILL BITS

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00684	15110	1 ³ / ₈ "	
TOL00685	15111	1 ¹ / ₂ "	
TOL00686	15112	1 ³ / ₄ "	
TOL00687	15113	2 ¹ / ₈ "	
TOL00688	15114	2 ⁹ / ₁₆ "	
TOL00689	15115	3 ⁵ / ₈ "	
TOL00690	15116	4 ⁵ / ₈ "	
TOL00691	15147	Pilot Bit for #15110 - 15111	
TOL00692	15148	Pilot Bit for #15112 - 15114	
TOL00693	15149	Pilot Bit for #15115 - 15116	

JOBBER DRILL SETS

Fits any standard 3.5 to 7 gallon bucket. 1" closed cell EVA foam with a durable nylon laminated cover. Smooth, quiet, swiveling action. Bucket not included.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT06240	13340	13 piece: 1/16" To 1/4" x 1/64"	
KIT06241	13341	15 piece: 1/16" To 1/2" x 1/32"	
KIT06242	13342	29 piece: 1/16" To 1/2" x 1/64"	
KIT06243	13343	60 piece wire gauge sizes 1 to 60	
KIT06246	13956	20 piece Orifice Drill Set: sizes 61 to 80	

UNIBIT®

Have an exclusive single radial concave flute. Use for copper, steel, aluminum, and other thin materials. Allows perfectly round drilled holes in thin material. Made of industrial-grade, high-speed moly-steel. Heat treated to insure maximum strength and long life.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01253	13093	#1 Self-starting, drills 1/8" - 1/2" (1)	
TOL01254	13095	#3 Self-starting, drills 1/4" - 3/4" (1)	
TOL01255	13096	#4 Self-starting, drills 3/16" - 7/8" (1)	

JOBBER LENGTH DRILL BITS

Fractional sizes. Black nitride finish. 118° conventional point. Point-of-purchase packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01256	13234	1/8" (.1250) x 2 ⁷ / ₈ " (3 per pack)	
TOL01257	13238	3/16" (.1875) x 3 ¹ / ₂ " (2 per pack)	
TOL01258	13242	1/4" (.2500) x 4" (1 per pack)	

DOUBLE ENDED DRILL BITS

Fractional sizes. Designed not to wander. 135° split point with black nitride finish.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01259	13345	1/8" (.1250) x 2" display pack (10 per pack)	
TOL01260	13351	#30 (.1285) x 2" display pack (10 per pack)	
TOL01261	13350	1/4" (.2500) x 2 ¹ / ₂ " display pack (10 per pack)	

SPADE TYPE WOOD BITS AND BIT EXTENSION

Forged one-piece construction. Point-of-purchase packaging. Heat-treated full length for overall strength.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL00666	13408	5/8" (1/4") x 6" (1 per pack)	
TOL00668	13410	3/4" (1/4") x 6" (1 per pack)	
TOL00670	13412	7/8" (1/4") x 6" (1 per pack)	
TOL00672	13414	1" (1/4") x 6" (1 per pack)	
TOL00674	13416	1 ¹ / ₄ " (1/4") x 6" (1 per pack)	
TOL00676	13418	1 ¹ / ₂ " (1/4") x 6" (1 per pack)	
TOL01262	13421	12" Wood Bit Extension	

MASONRY DRILL BITS

For use with rotary or percussion drills. 120° brazed carbide tip. For drilling brick, concrete, granite, etc.



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01263	13424	1/4" (1/4") x 4" (1 per pack)	
TOL01264	13425	1/4" (1/4") x 6" (1 per pack)	
TOL01265	13427	3/8" (3/8") x 6" (1 per pack)	

SOG Tools



SOG POWERLOCK TOOL

Pivoting handle covers increase comfort and allow more pressure to be exerted on those tough jobs. 4.6" closed; 7" open; 9.5 oz weight. Dual mounting molded pouch. Compound leverage. Stainless steel. Includes plier/gripper, wire cutter, crimper, 1/2 serrated blade, small/medium/large flat screwdrivers, Phillips screwdriver, a three-sided file, can/bottle opener, 1/4" drive, wood saw, rulers, lanyard loop, and scissors. Point-of-purchase display packaging. Made in the U.S.A.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01346	19075	[S60] PowerLock Tool	



SOG POCKET POWERPLIER

Light and sleek needle-nose plier head. 4" closed; 6" open; 5.3 oz weight. Heavy-duty leather sheath. Compound leverage. Stainless steel. Includes plier/gripper, wire cutter, 1/2 serrated blade, small/large flat screwdrivers, Phillips screwdriver, a three-sided file, can/bottle opener, rulers, and lanyard loop. Point-of-purchase display packaging. Made in the U.S.A.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01347	19076	[S44] Pocket PowerPlier	



SOG POWERPLIER

Standard needle-nose plier. 4.25" closed; 6.75" open; 8.3 oz weight. Heavy-duty leather pouch. Compound leverage. Stainless steel. Includes plier/gripper, wire cutter, crimper, 1/2 serrated blade, small/med/large flat screwdrivers, Phillips screwdriver, a three-sided file, can/bottle opener, awl, 1/4" drive, wood saw, rulers, and lanyard loop. Point-of-purchase display packaging. Made in the U.S.A.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01348	19077	[S65] PowerPlier	



SOG PARATOOL

Angled plier head capability (140°-180°). Smooth comfort-grip handles. 4.3" closed; 6.4" open; 7 oz weight. Dual mounting nylon sheath. Stainless steel. Includes plier/gripper, wire cutter, knife blade, serrated blade, small/med/large flat screwdrivers, phillips screwdriver, a three-sided file, can/bottle opener, awl, rulers, and lanyard loop. Point-of-purchase display packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01349	19078	[S31] Paratool	



SOG CROSSCUT TOOL

Features 1.3" cutting scissors, full-size tweezers, small and medium screwdrivers, bottle opener, nail file/cleaner, pick, rulers, and lanyard ring. Point-of-purchase display packaging. 2.5" closed; 4" open; 1.7 oz weight. Black vinyl pouch. Compound leverage. Stainless steel.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01350	19079	[CC50] CrossCut Tool	



SOG CROSSGRIP TOOL

Features plier/gripper/wire cutter, full-size tweezers, small and medium screwdrivers, bottle opener, nail file/cleaner, Phillips screwdriver, rulers, and lanyard ring. Point-of-purchase display packaging. 2.5" closed; 3.6" open; 2 oz weight. Black vinyl pouch. Compound leverage. Stainless steel.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01351	19080	[CG55] CrossGrip Tool	



SOG AUTOCLIP SERIES KNIVES

Lightweight. Adjustable-tension pocket clips. Thumb slot for easy one-handed opening. Zytel handles feature a cleverly woven texture for a secure, no-slip grip. Point-of-purchase display packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01352	19081	[S36] 3.6" Blade AutoClip Knife; 2.6 oz	
TOL01353	19082	[S36S] 3.6" Serrated Blade AutoClip; 2.6 oz	
TOL01354	19083	[S39] 2.9" Blade Mini AutoClip Knife; 1.5 oz	
TOL01355	19084	[S39] 2.9" Serrated Blade Mini AutoClip; 1.5 oz	
TOL01356	19085	[S40] 2" Blade E-Clip Knife; .7 oz	
TOL01357	19086	[S40S] 2" Serrated Blade E-Clip; .7 oz	



SOG AIRSOG KNIFE

Thumb stud enables fast one-handed opening. Zytel glass-reinforced handles provide all-weather durability. Point-of-purchase display packaging. 3.25" x .125" blade; 7.2" overall. Weighs only 2.2 oz. Lockback blade. Nylon pouch.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01358	19087	[S16] AirSog Knife	



SOG MICRODOT KNIFE

Thumb stud enables fast one-handed opening. Zytel glass-reinforced handles provide all-weather durability. Point-of-purchase display packaging. 2" x .0.75" blade; 4.5" overall. Weighs only 1 oz. Lockback blade. Nylon pouch.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01359	19088	[S29] Microdot Knife	



SOG MAGNADOT KNIFE

Thumb stud enables fast one-handed opening. Zytel glass-reinforced handles provide all-weather durability. Point-of-purchase display packaging. 3.6" x .160" blade; 8.25" overall. Weighs 4.5 oz. Lockback blade. Nylon pouch.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01360	19089	[S30S] Serrated Magnadot Knife	



SOG SOGWINDER-I KNIFE

Ambidextrous thumb studs for one-handed opening. Kraton aggressive checkered handles. 2.75" x .160" blade; 6.5" overall. Weighs 3.5 oz. Bowie blade. Point-of-purchase display packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01361	19090	[S11] Sogwinder-I Knife	



SOG SOGWINDER-II KNIFE

Ambidextrous thumb studs for one-handed opening. Kraton aggressive checkered handles. Dual mounting nylon pouch. 3.75" x .2" blade; 8.25" overall. Weighs 8 oz. Bowie blade. Point-of-purchase display packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01362	19091	[S9] Sogwinder-II Knife	



SOG PENTAGON ELITE KNIFE

Checkered liner lock release. Reversible military-style clip. Ambidextrous slotted thumb studs. Machine screw construction. Low-reflective, beadblasted blade and clip. Shark-tooth tip increases point strength. 3.9" x .135" blade; 8.6" overall. Weighs only 3.3 oz. Point-of-purchase display packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01363	19092	[PE14] Pentagon Elite Knife	



SOG NORTHWEST RANGER KNIFE

Elongated clip point blade. Flat ground bevels. Nylon sheath. 5" x .160" blade; 9.75" overall. Weighs 6.5 oz. Point-of-purchase display packaging.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01364	19093	[S24] Northwest Ranger Knife	



SOG SEAL PUP KNIFE

Mini version of the official Navy SEAL knife. Zytel glass-reinforced handle. Powder coat finished blade. Point-of-purchase display packaging. Kydex sheath. 4.75" x .160" blade. Weighs 5 oz.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01365	19094	[M37] Seal Pup Knife	


KNIFE SOG SEAL KNIFE 2000

The official Navy SEAL knife. Zytel glass-reinforced handle. Powder coat finished blade. Point-of-purchase display packaging. Kydex sheath. 7" x .250" blade. Weighs 12.8 oz.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01366	19095	[S37] Seal Knife 2000	

Welding and Brazing Products

HIGH-SILVER BRAZING ALLOYS BY LUCAS-MILHAUPT

Cadmium-free brazing alloy. For joining ferrous and nonferrous materials. Package: 1 Troy ounce.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
ALY00010	98070	BRAZE 505, 50% Ag, 1/16" diameter	
ALY00013	98000	BRAZE 450, 45% Ag, 1/16" diameter	
ROD00939	98110	BRAZE 505, 50% Ag, flux-coated rods, 4 oz tube	

BRAZING FLUX BY LUCAS-MILHAUPT

General-purpose brazing flux. Recommended where fluxing is required as part of the brazing operation. For use in brazing both ferrous and nonferrous metals and alloys.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
FLX00003	97030	Handy Flux, white, 7 oz jar with brush cap	

COPPER BRAZING ALLOYS BY LUCAS-MILHAUPT

Allows the joining of copper to copper without a flux-based alloy (brass and bronze) with a flux. Package: 1 lb plastic tube.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
ALY00001	95150	Sil-Fos 15, 15% Ag, 125" x .05" x 20"	
ALY00005	95060	Sil-Fos 5, 5% Ag, 125" x .05" x 20"	

SILVER-BEARING SOLDERS BY LUCAS-MILHAUPT

Silver-bearing, lead-free soft solders. High strength, general-purpose solders. Higher strength than tin/lead solders and safe for potable water systems.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLD00002	96010	Clean 'N Brite 6, 94Sn, 6 Ag, 1/8" dia. x 1 lb spool	

SOLDER FLUXES BY LUCAS-MILHAUPT

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
FLX00001	97000	TEC Liquid Flux, 4 oz squeeze bottle	
FLX00002	97020	Clean 'N Brite Paste Flux, 4 oz jar with brush cap	

BRAZING SUPPLIES BY WOLVERINE JOINING TECHNOLOGIES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
ALY00095	31090	Silvaloy 15	
ALY00096	31089	Silvaloy 5	
ALY00097	57302	Silvaloy A45	
ALY00098	57573	Silvaloy A50N	
ALY00099	31091	Silvaloy 6	
ALY00100	57303	Silvaloy A45	
ALY00101	30492	Silvaloy 15	
ALY00102	57304	Silvaloy A45	
ALY00103	57305	Silvaloy A56T	
ALY00104	57575	Silvaloy A50N	
ALY00105	57311	Silvaloy 45	
ALY00106	57713	Silvaloy A40T	
ALY00107	59959	Silvaloy A45T	
ALY00108	59200	Silvaloy A45T	
ALY00109	57306	Silvaloy A56T	
ALY00110	57715	Silvaloy A40T	
ALY00111	59201	Silvaloy A45T	
ALY00112	30947	Silvaloy 6F	
ALY00113	57312	Silvaloy 45	
ROD01132	30092	Silvaloy A56T	
ROD01133	31028	Silvaloy A40L	

FLUXES BY WOLVERINE JOINING TECHNOLOGIES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
FLX00020	75014	Ultra Flux	
FLX00021	75079	Silvabrite 100 Flux	
FLX00022	75002	Wolverine Soldering Flux	
FLX00023	75012	Wolverine Ultra Flux	
FLX00024	75005	Wolverine Soldering Flux	

SOLDERING SUPPLIES BY WOLVERINE JOINING TECHNOLOGIES

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
SLD00023	53113	Silvabrite S	
SLD00024	57263	Wolverine 95/5	
SLD00025	56761	Silvabrite 100	
SLD00026	56619	Silvabrite	
SLD00027	53137	Wolverine 50/50	
SLD00028	58463	Wolverine 50/50 Rosin Core	
SLD00029	58464	Wolverine 50/50 Acid Core	
KIT07724	30944	Aluminum Soldering Kit	

QUICKBRAZE II KITS BY SMITH EQUIPMENT

Hi-flow torch. Heats entire work surface simultaneously with 100% flame wrap from Smith's new "C" flame tips. More uniform and smoother brazing results from even heat distribution around the joint. Small, lightweight, and very powerful. Tips supplied braze to 1/8".

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT05115	23-5003	Three Tip Kit, with regulator	
KIT05116	23-5004	Three Tip Kit, with regulator and carrier	
KIT05117	23-5005	Three Tip Kit, twin flame	
KIT06478	AAK-4	Quickbraze kit, air/acetylene	
KIT06484	DTK-1	Quickbraze kit, air/lp	

REGULATORS BY SMITH EQUIPMENT

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
REG00206	H1935D-580SP	Nitrogen Regulator, versa torch	
REG00214	H1935G-540SP	Regulator	
REG00207	H1944F-200	Regulator	

VERSA-TORCH KITS BY SMITH EQUIPMENT

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT06177	VT-4C	Outfit, Versa-Torch	

CYCLONE TORCH KITS BY SMITH EQUIPMENT

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
KIT03859	HV1200	Includes HV1000 torch handle, H2080-520 acetylene regulator, HV1000-5 and HV1000-8 tips, RL122 14' hose, N113ANB flint lighter	
KIT03822	HV1300	Includes HV1000 torch handle, H2080-520 acetylene, regulator HV1000-3 and HV1000-11 tips, RL122 14' hose, N113ANB flint lighter	
KIT03823	HV1400	Includes HV1000 torch handle, H2080-520 acetylene regulator, HV1000-5 and HV1000-14 tips, RL122 14' hose, N113ANB flint lighter	

ACCESSORIES BY SMITH EQUIPMENT

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TIP00112	S6	Ass/y., HVAC heating tip	
TIP00092	S8	Ass/y., HVAC heating tip	
TOL00217	H195SP	Ass/y., hard hat Versatorch	
KIT03815	LT110SP	Holder with 5 tips, skinpack	
TIP00007	AC309SP	Ass/y., 90° AC cutting	
BOD00229	AW1ASP	Ass/y., AW torch body	
TIP00001	B227	Box, plastic	
TIP00118	AF-5	Ass/y., turbine tip	
TIP00120	AF-11	Ass/y., turbine tip	
TIP00115	T5	Ass/y., twin flame tip	
TIP00090	T7	Ass/y., twin flame tip	
TIP00093	14711	Ass/y., acetylene rosebud tip, must be skin-packed	
TIP00084	C2	Ass/y., multi-frame HVAC tip	
TIP00085	C4	Ass/y., multi-frame HVAC tip	
TIP00086	C6	Ass/y., multi-frame HVAC tip	
TIP00105	CPK-1	Tip. CTip Kit	
ADP00481	AT-40	Adapter, QF II Tip Versatorch	
ADP00835	UA-1	Adapter, Uniweld	
ADP00834	PA-1	Adapter, Prest-o-line	
TOL00216	N113A	Tool; torch lighter striker Versatorch	



Refrigerant Handling



MICROVAC BY REFTEC

MicroVac combines a revolutionary oil-less compressor with greater condensing capacity to provide unmatched refrigerant-recovery performance.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TOL02061	MVSII-115	115/60/1, 110/50/1, 0.75HP, 15A	LP shut-off	
TOL02063	MVSII-240	240/60/1, 0.75HP, 15A	LP shut-off	



HANDIVAC BY REFTEC

No oil-less refrigerant-recovery unit transfers refrigerant as quickly as HandiVac. Its dual 0.5Hp oil-less compressors accelerate refrigerant recovery on commercial cooling systems.

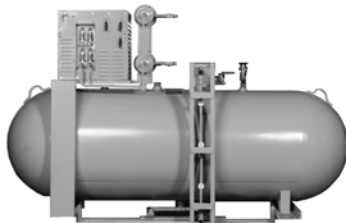
SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TOL01144	RTO-500-115-F	F115/60/1, 110/50/1, (2) 0.5HP, 15A	Float cable connection	
TOL01145	RTO-500-240-F	F230/60/1, 220/50/1, (2) 0.5HP, 10A	Float cable connection	



MITYVAC BY REFTEC

MityVac offers the highest recovery capacity of any 115V unit. A 1.5Hp open drive compressor and 1/2" lines provide rapid recovery on chillers, supermarket racks, and other larger-volume cooling systems.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TOL01152	MRH-115-E	115/60/1, 110/50/1, 1.5HP, 15A	Electromechanical controls	
TOL01154	MRH-240-E	230/60/1, 220/50/1, 1.5HP, 15A	Electromechanical controls	



MITYVAC ASME PACKAGED UNIT BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	TRANE NO.	DESCRIPTION	FEATURES	PRICE
TOL01792	MRH-115-A-250	RRJA112A0A0	103-127V,50/60Hz, 1Ph,1.5Hp,20A	250-gal/air	
TOL01793	MRH-240-A-250	RRJA112B0A0	220-240V,50/60Hz, 1Ph,1.5Hp,15A	250-gal/air	
TOL01794	MRH-115-A-500	RRKA112A0A0	103-127V,50/60Hz, 1Ph,1.5Hp,20A	500-gal/air	
TOL01795	MRH-240-A-500	RRKA112B0A0	220-240V,50/60Hz, 1Ph,1.5Hp,15A	500-gal/air	



EVAC COMMERCIAL BY REFTEC

Lovac's rugged 2Hp open-drive compressor and air-cooled condenser speedily transfer refrigerant in the poorest of conditions. The open-drive design offers lighter weight and stands up better to noncondensable contamination than a vacuum pump.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TOL01159	CRH-A-230-3-E	230/60/3, 220/50/3, 3HP, 15A	Electromechanical controls, 3/4" flare with ball valve, air cooled	
TOL01161	CRH-A-240-1-E	230/60/1, 220/50/1, 3HP, 20A	Electromechanical controls, 3/4" flare with ball valve, air cooled	
TOL01163	CRH-A-460-3-E	460/60/3, 415/50/3,3HP,15A	Electromechanical controls, 3/4" flare with ball valve, air cooled	
TOL01167	CRH-A-575-3-E	575/60/3 3HP,10A	Electromechanical controls, 3/4" flare with ball valve, air cooled	



LOVAC BY REFTEC

EVAC Industrial's powerful 7.5 Hp open-drive compressor, dual air-cooled condensers, and large 1.25-in. lines move massive volumes of refrigerant. Designed for large process chillers and chemical plants, the unit has a corrosion-resistant industrial coating. EVAC Industrial shaves hours off recovery procedures and chiller downtime.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TOL02067	CRL-115-E	115/60/1,110/50/1, 2.0HP, 20A	Electromechanical controls, 3/4" flare with ball valve, water cooled	
TOL02068	CRL-240-E	230/60/1,220/50/1, 2.0HP, 15A	Electromechanical controls, 3/4" flare with ball valve, water cooled	



MINIPURGE BY REFTEC

MiniPurge portable purge unit temporarily connects to chillers and storage tanks charged with high- or low-pressure refrigerants and rapidly eliminates noncondensibles. Unit is ideal for supplementing thermal purge units during seasonal start ups on R11 or R123 chillers.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TOL01227	MPS-115	115/60/1, 110/50/1, 0.5HP, 15A		
TOL01228	MPS-240	230/60/1, 220/50/1, 0.5HP, 15A		



HYPERWATT BY REFTEC

- Cycles chiller water at up to 20 gpm through 30kW vessel.
- Microprocessor displays step-by-step operating instructions.
- When desired chiller pressure level is reached, the pump shuts down.
- Automatically re-energizes to maintain stable pressure.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TOL01243	HPS-C-D24-3	230-460/60/3, 220-415/50/3, 20/40A	Service cart	
TOL01245	HPS-P-D24-3	230-460/60/3, 220-415/50/3, 20/40A	Permanent mount	



ENVIROPUMP BY REFTEC

With faster and more-efficient heat transfer, EnviroPump does not cause refrigerant to simply migrate and recondense in the condenser. Leaks are easily identified with up to 10 psi of internal pressure being generated in only a few hours.

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	CONNECTIONS	PRICE
TOL01736	EPS-D24-3	230-460/60/3, 220-415/50/3, 20/40A	3/4" flare with ball valves	
TOL01737	EPS-D24-3-QC	230-460/60/3, 220-415/50/3, 20/40A	Quick connects	
TOL01738	EPS-575-3	575/60/3, 40A	3/4" flare with ball valves	
TOL01739	EPS-575-3-QC	575/60/3, 40A	Quick connects	

NOTE:

Included with the unit are two refrigerant hoses, controls power cord, heater power cord and 1/4" x 10-ft. pressure sampling hose.

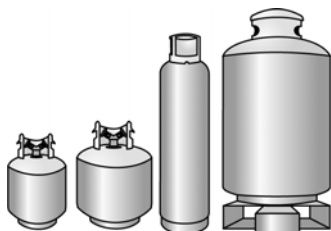


REFRIGERANT RECOVERY AND RECYCLING EQUIPMENT BY ROBINAIR

The Robinair Advantage—fully automatic, oil-less recovery unit requiring no operator assistance to switch from liquid to vapor.

SERVICEFIRST ITEM NO.	MFG. NO.	VOLTAGE	DESCRIPTION	PRICE
RCT00833	25200B	115V 60 Hz	Recovery rate: Vapor: 0.4 to 0.6 lbs./min. Liquid: 5 to 7 lbs./min. Operating Range: 0° to 105°F; Dimensions: 20"H x 12½"W x 10½"D, weight: 32 lbs.	
RCT00831	25150A	115V 60 Hz	Recovery rate: Vapor: up to 24 lbs./min. Liquid: up to 9 lbs./min. Operating Range: 0° to 105°F; Dimensions: 20"H x 12½"W x 10½"D, weight: 27 lbs. 60" hose included.	
RCT00832	25175A	115V 60 Hz	Recovery; unit, easy-in, easy-out for multiple refrigerants including high pressure R-410A; with oil-less compressor, single valve operation, liquid or vapor recovery. Weight: 29 lbs. One 60" ball valve discharge hose included.	

CYLINDERS BY REFTEC



SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
CYL00178	CYL-1000	1,000-lb capacity, 3/4" ports	3/4" flare with ball valves	
CYL00179	CYL-1000-LS	1,000-lb capacity, 3/4" ports	3/4" flare with ball valves, liquid switch	
CYL00180	CYL-1000-QC	1,000-lb capacity, 3/4" ports	Quick connects	
CYL00181	CYL-1000-LS-QC	1,000-lb capacity, 3/4" ports	Quick connects, liquid switch	
CYL00182	CYL-250	250-lb capacity, 3/4" ports	3/4" flare with ball valves	
CYL00183	CYL-250-LS	250-lb capacity, 3/4" ports	3/4" flare with ball valves, liquid switch	
CYL00184	CYL-250-QC	250-lb capacity, 3/4" ports	Quick connects	
CYL00185	CYL-250-LS-QC	250-lb capacity, 3/4" ports	Quick connects, liquid switch	
CYL00186		50-lb capacity, 1/4" ports		
CYL00187		50-lb capacity, 1/4" ports	Liquid switch	
CYL00188		30-lb capacity, 1/4" ports		
CYL00189		30-lb capacity, 1/4" ports	Liquid switch	



ASME TANKS BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	FEATURES	PRICE
TNK00837	ASME-250-075-HP	250 gal	3/4" flare with ball valves, high pressure	
TNK00838	ASME-250-075-LP	250 gal	3/4" flare with ball valves, low pressure	
TNK00839	ASME-250-075-LP-QC	250 gal	3/4" ports with quick connects, low pressure	
TNK00842	ASME-500-075-HP	500 gal	3/4" flare with ball valves, high pressure	
TNK00843	ASME-500-075-LP	500 gal	3/4" flare with ball valves, low pressure	
TNK00844	ASME-500-075-LP-QC	500 gal	3/4" ports with quick connects, low pressure	

CABLE BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CAB00880	FVC-006	6-ft float cable and 3 pin (BH) connector	
CAB00881	FVC-012	12-ft float cable and 3 pin (BH) connector	
CAB00882	FVC-3T4	3 pin (BH) to 4 pin (AMP) connector adapter	

MANIFOLD BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
MFD00901	RM-075-6	Six 3/4" flare ports with ball valves	
MFD00902	RM-050-6	Six 1/2" flare ports with ball valves	

HOSES BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HSE01128	025-020-HP	1/4" x 20 ft, no isolation	
HSE01129	025-020-HP-FB	1/4" x 20 ft, with ball valves	
HSE01131	038-010-HP-FB	3/8" x 10 ft, with ball valves	
HSE01133	038-020-HP-FB	3/8" x 20 ft, with ball valves	
HSE01135	050-010-HP-FB	1/2" x 10 ft, with ball valves	
HSE01137	050-020-HP-FB	1/2" x 20 ft, with ball valves	
HSE01139	075-010-HP-FB	3/4" x 10 ft, with ball valves	
HSE01140	075-010-HP-QC	3/4" x 10 ft, quick connects	
HSE01142	075-020-HP-FB	3/4" x 20 ft, with ball valves	
HSE01143	075-020-HP-QC	3/4" x 20 ft, quick connects	
HSE01347	025-006-B-HP-FB	1/4" x 6 ft, flare with ball valves, blue	
HSE01348	025-006-R-HP-FB	1/4" x 6 ft, flare with ball valves, red	
HSE01126		1/4" x 10 ft, no isolation	
HSE01130		3/8" x 10 ft, no isolation	
HSE01132		3/8" x 20 ft, no isolation	
HSE01214		1/2" x 10 ft, no isolation	
HSE01136		1/2" x 20 ft, no isolation	
HSE01252		3/4" x 10 ft, no isolation	
HSE01253		3/4" x 20 ft, no isolation	

QUICK CONNECTS BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CON00996	QC-075-M	3/4" male quick connect fitting	
CON00997	QC-075-F	3/4" female quick connect fitting	

FILTERS BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
DHY00816		3 cubic inch, 1/4" flare, in-line, fits: MVS-500	
FLR02746	FD-005-38	5 cubic inch, 3/8" flare, in-line, fits: HandiVac	
FLR02742	FD-030-50	30 cubic inch, 1/2" flare, in-line, fits: MRH-500, MRH-1000	
FLR02745	FD-048-CR	48 cubic inch, replaceable core, fits: CRH-500, CRL-500, IRH-1000, EHP-1000	

HEATING BANDS BY REFTEC

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
HTR04356	HB-10X094-1-1880	Heater band for 30" tank, 10" x 94", 1880W, 120V-100°F Cut-off	
HTR04357	HB-10X094-2-1880	Heater band for 30" tank, 10" x 94", 1880W, 240V-100°F Cut-off	
HTR04358	HB-10X115-1-1880	Heater band for 30" tank, 10" x 115", 1880W, 120V-100°F Cut-off	
HTR04359	HB-10X115-2-1880	Heater band for 30" tank, 10" x 115", 1880W, 240V-100°F Cut-off	

RECOVERY UNITS BY RITCHIE

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
TOL01393	94950	Tool, refrigerant recovery, 1/3 hp oil-less compressor, R50 series	
TOL01394	94960	Tool, refrigerant recovery, oil-less compressor, R60 series	
TOL01395	94970	Tool, refrigerant recovery, 1/2 hp oil-less compressor R70 series	
TOL01451	95100	Tool, Recover-X r100ap refrigerant recovery unit, 115v	

REFRIGERANT RECOVERY CYLINDERS BY RITCHIE

SERVICEFIRST ITEM NO.	MFG. NO.	DESCRIPTION	PRICE
CYL00192	95004	Cylinder, 30 lb refrigerant cylinder with "Y" valve	
CLY00193	95006	Cylinder, 50 lb refrigerant cylinder with "Y" valve	
CYL00196	95003	Cylinder, 30 lb refrigerant cylinder with float switch	
CYL00197	95005	Cylinder, 50 lb refrigerant cylinder with float switch	
TNK00867	95002	Tank, 30 lb R-410a refrigerant cylinder, 400 PSI	
CYL00198	95007	Cylinder, 50 lb R-410a refrigerant cylinder, 400 PSI	
CYL00199	95012	Cylinder, 30 lb R-410a refrigerant cylinder with float switch, 400 PSI	
CYL00200	95013	Cylinder, 50 lb R-410a refrigerant cylinder with float switch, 400 PSI	

ServiceFirst Number to Manufacturer Number

SF #	MFG #	PAGE	SF #	MFG #	PAGE	SF #	MFG #	PAGE
ADH00023	40945	35	ALY00102	57304	156	B00032	4L790	14
ADH00024	40904	35	ALY00103	57305	156	B00035	A68	15
ADH00028	4080-04	40	ALY00104	57575	156	B00036	A71	15
ADH00030	4369-75	40	ALY00105	57311	156	B00038	4L720	14
ADP00002	W01163	67	ALY00106	57713	156	B00040	A90	16
ADP00005	W01146	67	ALY00107	59959	156	B00041	A85	16
ADP00066	W01124	67	ALY00108	59200	156	B00042	A42	15
ADP00303	W01224	67	ALY00109	57306	156	B00045	A75	15
ADP00322	W01246	67	ALY00110	57715	156	B00046	B83	17
ADP00362	10248	130	ALY00111	59201	156	B00047	B85	17
ADP00363	10234	130	ALY00112	30947	156	B00048	B105	17
ADP00376	W01145	67	ALY00113	57312	156	B00049	B112	17
ADP00383	W01131	67	APL00006	16765	76	B00050	B128	17
ADP00426	W01263	67	APL00007	16766	76	B00051	B120	17
ADP00428	W01287	67	APL00008	16767	76	B00052	A62	15
ADP00430	W01245	67	APL00009	16768	76	B00053	A55	15
ADP00460	W01083	69	APL00010	16769	76	B00061	3L230	13
ADP00481	AT-40	157	APL00011	16770	76	B00062	4L700	14
ADP00825	ACO2AD	134	APL00012	16771	76	B00063	A80	15
ADP00826	ADBF2	134	APL00013	16772	76	B00065	4L520	14
ADP00827	AQA2	134	APL00014	16773	76	B00067	4L530	14
ADP00828	AQC2	134	APL00015	17158	76	B00068	A58	15
ADP00829	AQP1	134	APL00016	14879	76	B00069	A56	15
ADP00834	PA-1	157	APL00019	14886	76	B00070	B56	16
ADP00835	UA-1	157	APL00020	14887	76	B00071	5L780	15
ADP00845	442	74	APL00022	14890	76	B00072	3L210	13
ADP00846	13886	74	APL00023	14894	76	B00073	A54	15
ADP00847	16326	74	APL00024	14895	76	B00074	4L510	14
ADP00848	16327	74	APL00026	14897	76	B00075	A43	15
ADP00849	16266	75	APL00027	14898	76	B00076	A48	15
ADP00850	311	75	APL00028	14904	76	B00077	4L330	13
ADP00851	16267	75	APL00029	14905	76	B00078	A38	15
ADP00852	312	75	APL00030	14906	76	B00084	4L470	14
ADP00853	341	75	APL00031	14907	76	B00085	4L690	14
ADP00854	342	75	APL00032	14908	77	B00086	A96	16
ADP00855	355	75	APL00059	17728	77	B00088	4L340	13
ADP00856	361	75	APL00060	17729	77	B00089	A53	15
ADP00857	362	75	APL00061	17730	77	B00090	B52	16
ADP00904	19101	75	APL00062	17731	77	B00093	A105	16
ADP00905	W01225	67	APL00114	19807	76	B00095	B100	17
ADP00906	W01296	67	APL00115	19808	76	B00096	B97	17
ADP00907	W01115	67	APL00133	19913	77	B00099	4L540	14
ADP00908	W01187	67	APL00134	19909	77	B00100	B95	17
ADP00917	19105	132	APL00135	19908	77	B00101	4L630	14
ADP00919	25002	132	APL00136	19912	77	B00102	A78	15
ADP00922	W01206	67	APL00137	19907	77	B00105	4L430	14
ADP00923	W01233	67	APL00138	19906	77	B00113	B124	17
ADP00924	W01106	67	APL00139	19911	77	B00120	B42	16
ADP00925	W01162	67	APL00140	19905	77	B00122	B61	16
ADP00926	W01138	67	APL00141	19904	77	B00123	B62	16
ADP00927	W01164	67	B00001	4L320	13	B00126	4L390	13
ADP00930	W01214	67	B00002	5L410	14	B00128	A51	15
ADP00931	W01261	67	B00003	5L660	15	B00132	4L650	14
ADP00932	W01114	67	B00004	5L380	14	B00133	4L620	14
ADP00936	W01280	67	B00005	4L350	13	B00134	A66	15
ADP00937	W01231	67	B00007	4L360	13	B00141	4L550	14
ADP00977	80AK	136	B00008	4L370	13	B00142	5L500	14
ADP01009	W01130	67	B00009	4L740	14	B00143	A46	15
ADP01010	W01230	67	B00011	5L720	15	B00144	4L580	14
ADP01011	W01132	67	B00013	4L750	14	B00145	4L590	14
ADP01012	W01238	67	B00014	5L690	15	B00152	B53	16
ADP01013	W01125	67	B00018	4L400	13	B00153	B50	16
ADP01014	W01196	67	B00019	5L560	14	B00154	A64	15
ALY00001	95150	156	B00020	5L580	14	B00156	AX60	18
ALY00005	95060	156	B00022	4L380	13	B00157	AX80	18
ALY00010	98070	156	B00023	4L490	14	B00158	BX85	20
ALY00013	98000	156	B00024	4L420	14	B00160	BX80	19
ALY00095	31090	156	B00024	4L420	14	B00162	BX93	20
ALY00096	31089	156	B00025	4L500	14	B00163	CX105	20
ALY00097	57302	156	B00026	4L410	13	B00164	CX96	20
ALY00098	57573	156	B00027	4L460	14	B00166	AX53	18
ALY00099	31091	156	B00029	4L450	14	B00167	BX56	19
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B00187	BX52	19	B00292	B82	17	B00389	A52	15
B00188	BX50	19	B00293	B93	17	B00390	5L650	15
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B00190	BX46	19	B00295	B103	17	B00394	CX109	20
B00191	AX55	18	B00296	B108	17	B00395	A67	15
B00192	BX59	19	B00297	B116	17	B00396	AX43	18
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B00196	AX64	18	B00301	B144	17	B00402	A89	16
B00197	AX62	18	B00302	B158	17	B00403	A81	15
B00200	BX67	19	B00303	C75	17	B00404	B57	16
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B00254	B75	16	B00345	CX128	20	B00454	A47	15
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B00260	AX46	18	B00347	CX144	20	B00458	5VX1120	22
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B00273	A128	16	B00360	4L710	14	B00477	AX38	18
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MFD00916	41313	133	MOT06012	3097	88	MOT06121	8899	91
MFD00917	41315	133	MOT06013	8302	88	MOT06122	602	91
MFD00918	41712	133	MOT06014	8301	88	MOT06123	8895	91
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MFD00931	41710	133	MOT06018	4811	89	MOT06128	2482	91
MFD00941	41219	133	MOT06019	4961	89	MOT06129	2483	91
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MFD00965	42010	133	MOT06022	3849	89	MOT06132	3741	92
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MOT06180	3865	93	MOT06297	1645	99	MOT10147	1876	88
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MOT06196	9035	92	MOT06314	5456	100	MOT10159	1879	88
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MOT06230	2569	95	MOT06338	2762	94	MOT10177	1696	91
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MOT06250	2302	94	MOT07969	3587	106	MOT10189	1206	92
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MOT10224	3403	.97	MOT10625		107	MOT10703		107
MOT10225	3404	.97	MOT10626		107	MOT10704		108
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SHE01044	AK46	23	SHF02735	GTC-703-35	125	SLT00057	59575	36
SHE01045	AK46	23	SHF02736	GTC-703-35-R5	125	SLT00067	23710	34
SHE01046	AK44	23	SHF02737	GTC-703-45	125	SLT00069	31780	34
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SHE01057	1TB90	26	SHF02742	GTC-704-35	125	SLT00077	55013	34
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SHE01059	1TB68	26	SHF02744	REP-704-KIT	129	SLT00080	81875	34
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SHE01105	AK28	23	SHF02749	GTC-703Q-60-R5	125	SLT00114	37127	35
SHE01107	AK51	23	SHF02750	REP-703Q-KIT	129	SOV00004	79040	35
SHE01108	AK49	23	SHF02751	GTC-704Q-25	125	SOV00005	25108	36
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SHE01163	BK100	25	SHF02771	GTC-702Q-35	125	SRP00824	17278	76
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5	KIT02429	103	329	CHM00099	74	1222	MOT10181	91
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9	KIT02401	103	339	CPL00835	75	1226	MOT10216	95
10	KIT02402	103	340	CPL00836	75	1227	MOT10217	95
11	KIT02428	103	341	ADP00853	75	1228	MOT10218	95
12	KIT02436	103	342	ADP00854	75	1229	MOT10219	95
13	KIT02405	103	343	ELL00833	75	1268	MOT06107	90
16	KIT02411	103	344	ELL00834	75	1308	SEN01081	66
17	KIT02412	103	345	CAP00831	75	1380	SEN01077	66
19	KIT02425	103	346	ELL00835	75	1390	MOT10170	90
20	KIT02433	103	347	ELL00836	75	1391	MOT10032	90
25	KIT02406	103	348	TEE00826	75	1391	MOT10032	102
26	KIT02416	103	349	TEE00827	75	1410	MOT06279	96
27	KIT02415	103	350	ELL00837	75	1443	MOT06005	88
30	KIT02422	103	351	ELL00838	75	1444	MOT06010	88
31	KIT02430	103	352	BUS00827	75	1468	MOT06240	96
32	KIT02426	103	355	ADP00855	75	1469	MOT06241	96
34	KIT02434	103	360	CPL00837	75	1470	MOT06242	96
35	KIT02419	103	361	ADP00856	75	1471	MOT06243	96
36	KIT02420	103	362	ADP00857	75	1508	BOX01459	66
37	KIT02435	103	364	ELL00839	75	1527	MOT06284	98
38	KIT02427	103	365	CAP00832	75	1545	MOT06280	97
43	KIT02413	103	366	ELL00840	75	1548	MOT06228	95
44	KIT02414	103	367	ELL00841	75	1553	MOT06278	96
45	KIT02417	103	369	TEE00828	75	1631	MOT06139	91
46	KIT02418	103	371	ELL00842	75	1645	MOT06297	99
51	KIT02437	103	430	MOT06185	93	1648	MOT06298	99
52	KIT02403	103	431	MOT06187	93	1690	MOT10171	91
55	KIT02408	103	440	CPL00831	74	1691	MOT10172	91
56	KIT02410	103	442	ADP00845	74	1692	MOT10173	91
102	MOT06256	95	444	ELL00821	74	1693	MOT10174	91
103	MOT06264	95	446	ELL00822	74	1694	MOT10175	91
108	MOT06260	95	449	TEE00822	74	1695	MOT10176	91
109	MOT06268	95	450	ELL00825	74	1696	MOT10177	91
110	MOT06261	95	591	MOT06307	100	1697	MOT10178	91
111	MOT06269	95	600	MOT06112	91	1769	MOT06188	94
112	MOT06262	95	601	MOT06117	91	1786	MOT06157	93
113	MOT06270	95	602	MOT06122	91	1789	MOT06158	93
114	MOT06263	95	631	SRP00834	75	1790	MOT06184	93
115	MOT06257	95	644	MOT06299	99	1810	MOT06201	92
116	MOT06266	95	653	SRP00833	75	1811	MOT06202	92
117	MOT06259	95	721	MOT06030	89	1813	MOT06071	90
118	MOT06267	95	722	MOT06032	89	1814	MOT06072	90
119	MOT06258	95	723	MOT06029	89	1815	MOT06073	90
120	MOT06265	95	724	MOT06031	89	1816	MOT06074	90
125	TOL00620	150	807	MOT06134	92	1817	MOT06075	90
127	TOL00621	150	839	MOT06141	93	1818	MOT06076	90
136	MOT06305	100	855	MOT06319	101	1819	MOT06077	90
140	TOL01273	146	865	MOT06229	95	1820	MOT10167	90
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170	TOL00590	147	937	MOT06147	93	1822	MOT10169	90
179	MOT06181	93	985	MOT06140	91	1824	MOT06086	90
180	MOT06182	93	1012	MOT06318	101	1828	MOT10165	90
180	TOL01252	150	1124	MOT06325	102	1859	MOT10143	88
298	MOT06183	93	1125	MOT10238	99	1860	MOT06038	88
299	MOT06189	94	1126	MOT10239	99	1861	MOT06040	88
309	CPL00841	75	1127	MOT06138	91	1862	MOT06041	88
310	CPL00834	75	1142	MOT06320	102	1863	MOT06109	91
311	ADP00850	75	1152	MOT06334	102	1864	MOT06114	91
312	ADP00852	75	1193	MOT06172	93	1865	MOT06119	91
313	ELL00827	75	1194	MOT06171	93	1868	MOT06042	88
314	ELL00828	75	1201	CYL00190	147	1871	MOT06035	88
315	CAP00829	75	1202	CYL00191	147	1872	MOT06036	88
316	ELL00829	75	1204	MOT10187	92	1873	MOT06037	88
317	ELL00830	75	1205	MOT10188	92	1874	MOT06039	88
318	TEE00824	75	1206	MOT10189	92	1875	MOT10067	88
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1881	MOT10150	88	3467	MOT11729	106	5454	MOT06312	100
1882	MOT10155	88	3484	MOT06311	100	5455	MOT06313	100
1887	MOT06083	90	3565	MOT06070	89	5456	MOT06314	100
1890	MOT10149	88	3566	MOT06068	89	5457	MOT06315	100
1891	MOT10154	88	3567	MOT06069	89	5459	MOT10241	100
1892	MOT10158	88	3568	MOT06067	89	5460	MOT09985	90
1893	MOT06186	93	3580	MOT06253	94	5460	MOT09985	92
1971	MOT06110	91	3583	MOT07965	106	5460	MOT09985	101
1972	MOT06115	91	3584	MOT07966	106	5461	MOT09986	90
1973	MOT06120	91	3585	MOT07967	106	5461	MOT09986	92
1981	MOT06244	94	3586	MOT07968	106	5461	MOT09986	101
1989	MOT06285	98	3587	MOT07969	106	5462	MOT09987	91
2072	KIT07827	66	3588	MOT07970	106	5462	MOT09987	101
2075	KIT07826	66	3589	MOT07971	106	5463	MOT10243	101
2097	MOT06245	94	3590	MOT07972	106	5464	MOT11099	91
2166	MOT06302	100	3640	MOT06336	94	5465	MOT11100	91
2201	MOT10161	89	3727	MOT10141	106	5470	MOT10274	90
2202	MOT10162	89	3728	MOT07961	106	5470	MOT10274	92
2203	MOT10163	89	3729	MOT07962	106	5471	MOT10275	90
2204	MOT10164	89	3730	MOT07963	106	5471	MOT10275	92
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2569	MOT06230	95	3737	MOT10153	88	6113	INS02281	75
2574	MOT06212	95	3738	MOT10139	106	6114	INS02282	75
2686	MOT06065	89	3738	MOT10157	88	6115	INS02283	75
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2736	MOT06340	94	3741	MOT06132	92	6117	INS02284	75
2758	MOT06173	93	3742	MOT10160	88	6119	INS02285	75
2759	MOT06174	93	3801	MOT06219	95	6124	MOT06286	98
2762	MOT06338	94	3802	MOT06220	95	6127	MOT06287	98
2777	MOT06339	94	3803	MOT06221	95	6128	MOT10233	98
2808	MOT10197	94	3807	MOT06223	95	6129	MOT10234	98
2887	MOT06154	93	3808	MOT06225	95	6130	MOT10235	98
2888	MOT06150	93	3809	MOT06227	95	6133	PAD00806	73
2889	MOT06145	93	3813	MOT06232	95	6134	PAD00807	73
2896	MOT06066	89	3814	MOT06234	95	6136	PAD00808	73
3022	MOT06175	93	3815	MOT06236	95	6212	INS02286	75
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3034	MOT06272	96	3844	MOT06135	92	6214	INS02288	75
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3083	MOT06248	94	3846	MOT06017	89	6216	INS02290	75
3097	MOT06012	88	3847	MOT06020	89	6217	INS02291	75
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3136	MOT06091	90	3852	MOT06009	88	6330	MOT10186	92
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3228	MOT06293	102	4005	BAS01666	73	6764	MOT10200	94
3235	MOT06130	91	4008	BAS01667	73	6765	MOT10210	95
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3252	MOT10198	94	4115	MOT06168	93	6767	MOT10208	95
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7385	MOT10236	.99	9036	MOT06197	.92	11636	HSE01162	132
7475	MOT06062	.89	9060	TOL00587	147	11660	HSE01165	132
7801	KIT06053	.79	9061	TOL00582	147	11672	HSE01168	132
7803	KIT06054	.79	9062	TOL00583	147	11794	GAG00148	130
7805	KIT06055	.79	9063	TOL00584	147	11795	GAG00149	130
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8537	MOT06333	102	9135	BRU00107	145	13157	SWT02089	77
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8661	MOT06000	.88	9140	BRU00109	146	13160	SWT02092	77
8665	MOT06011	.88	9141	BRU00110	146	13161	SWT02096	77
8666	MOT06003	.88	9142	BRU00111	146	13162	SWT02097	77
8667	MOT06006	.88	9143	BRU00112	146	13201	OIL00046	130
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8671	MOT06047	.88	9146	BRU00115	146	13204	TOL01275	151
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1P1624C24	FLR01815	85	2P2024C24	FLR02627	85	3L410	B00351	13
1P1625C24	FLR01783	85	2P2025C24	FLR01934	85	3L420	B00431	13
1P1630C24	FLR01823	85	2P2025C24T	FLR01999	85	3L430	B00352	13
1P1818C24	FLR01818	85	2P2424C24	FLR01947	85	3L440	B00432	13
1P1820C24	FLR01820	85	2P2520C24T	FLR02785	85	3L450	B00433	13
1P1824C24	FLR01822	85	302-Q-4P-1C	EVP01061	122	3L460	B00434	13
1P2020C24	FLR01787	85	302-Q-4P-1C	EVP01062	122	3L470	B00435	13
1P2024C24	FLR01816	85	302-Q-4P-1C	EVP01063	122	3L480	B00436	13
1P2025C24	FLR01784	85	302-Q-4P-1C	EVP01064	122	3L490	B00437	13
1P2030C24	FLR01825	85	303-Q-4P-1C	EVP01065	122	3L530	BLL00082	13
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1RF2024.25C24	FLR03395	86	303-Q-4P-1C	EVP01068	122	3VX1120	BLL00228	21
1RF2025C24	FLR02983	86	304-Q-4P-1C	EVP01069	122	3VX1180	BLL00389	21
1SG1728.25C24	FLR02985	86	304-Q-4P-1C	EVP01070	122	3VX1250	BLL00229	21
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1TB136	SHE00541	26	36C03-433	VAL04924	63	3VX280	BLL00204	21
1TB154	SHE00929	26	36C03U-333	VAL04925	63	3VX300	BLL00205	21
1TB160	SHE01061	26	36C03U-433	VAL04375	63	3VX315	BLL00206	21
1TB200	SHE01034	26	36E36-304	VAL04379	63	3VX335	BLL00207	21
1TB250	SHE00115	26	36E93-304	VAL04390	63	3VX355	BLL00208	21
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1TB40	SHE00495	26	3AK3012	UNT00837	64	3VX425	BLL00211	21
1TB44	SHE01054	26	3AK6512	UNT00838	64	3VX450	BLL00212	21
1TB50	SHE01055	26	3AK6532	UNT00839	64	3VX475	BLL00213	21
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2010-RS2-2C	EVP00995	123	3L01-150	CNT01728	49	404-Q-4P-1C	EVP01074	122
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20C27S-010	FLR01416	87	3L01-170	CNT01730	49	404-Q-4P-1C	EVP01076	122
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23-5004	KIT05116	157	3L01-190	CNT01732	49	405-R-4P-1C	EVP01082	122
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2AK104	SHE00564	27	3L02-200	CNT01742	49	4084-03	LUB00055	40
2AK1411M	UNT00835	64	3L150	BLL00318	13	4085-83	LUB00056	40
2AK20	SHE00110	27	3L180	BLL00360	13	4086-03	CHM00326	40
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AK61	SHE00909	24	ANC8	CAS01302	135	AX37	BLL00270	18
AK61	SHE01027	24	APA2	CLP00809	135	AX38	B00477	18
AK61H	SHE00874	24	APA451	SEN00917	65	AX39	BLL00440	18
AK64	SHE00157	24	APC100-1	SOV00029	129	AX40	BLL00441	18
AK64	SHE01114	24	APH2	TIP00125	135	AX41	BLL00442	18
AK64H	SHE00875	24	APH52	TIP00126	135	AX42	B00418	18
AK66	SHE01036	24	APLA2	CLP00810	135	AX43	B00396	18
AK66H	SHE00515	24	AQA2	ADP00827	134	AX44	BLL00443	18
AK69	SHE01010	24	AQC2	ADP00828	134	AX45	BLL00444	18
AK69H	SHE00517	24	AQP1	ADP00829	134	AX46	B00260	18
AK71	SHE01031	24	ARB1HB	CAS00813	134	AX47	BLL00445	18
AK71H	SHE00518	24	ARB1LT	CAS00814	134	AX48	B00259	18
AK74	SHE00065	24	ARH2	HED00490	135	AX49	BLL00446	18
AK74	SHE00520	24	ASA2	CLP00811	135	AX50	BLL00447	18
AK74	SHE00981	24	ASD2	CLP00876	135	AX51	B00185	18
AK74H	SHE00876	24	ASD28F3	DHY00361	115	AX52	BLL00448	18
AK79	SHE01009	24	ASD28S3 VV	DHY00174	115	AX53	B00166	18
AK79H	SHE00259	24	ASD28S4 VV	DHY00175	115	AX54	B00173	18
AK84	SHE00247	24	ASD35F5 VV	DHY00176	115	AX55	B00191	18
AK84	SHE00522	24	ASD35S5 VV	DHY00177	115	AX56	B00184	18
AK84	SHE01021	24	ASD45S6 VV	DHY00178	115	AX57	BLL00449	18
AK84H	SHE00877	24	ASD45S7 VV	DHY00179	115	AX58	BLL00450	18
AK89	SHE01019	24	ASD50S9 VV	DHY00180	115	AX59	BLL00451	18
AK89H	SHE00260	24	ASD75S11 VV	DHY00181	116	AX60	B00156	18
AK94	SHE00246	24	ASD75S13 VV	DHY00182	116	AX61	BLL00452	18
AK94	SHE00525	24	ASLS2	WIR03224	136	AX62	B00197	18
AK94H	SHE00878	24	ASME-250-075-HP	TNK00837	160	AX63	BLL00453	18
AK99H	SHE00261	24	ASME-250-075-LP	TNK00838	160	AX64	B00196	18
AL104	SHE00084	23	ASME-250-075-LP-QCTNK00839		160	AX65	BLL00454	18
AL104	SHE00334	23	ASME-500-075-HP	TNK00842	160	AX66	B00262	18
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AL114	SHE01463	23	ASME-500-075-LP-QCTNK00844		160	AX68	B00384	18
AL124	SHE01142	23	ASMM2	WIR02623	136	AX69	BLL00456	18
AL54	SHE00868	22	ASP2	CAP00816	134	AX70	B00323	18
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AX78	B00202	18	B62	B00123	16	BK115	SHE00976	25
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AX80	B00157	18	B64	B00284	16	BK120	SHE00073	25
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AX84	BLL00466	18	B68	B00248	16	BK140	SHE00071	25
AX85	B00203	19	B69	B00495	16	BK140	SHE00983	25
AX86	BLL00467	19	B70	B00243	16	BK140	SHE01428	25
AX87	BLL00468	19	B71	B00288	16	BK140H	SHE00148	26
AX88	BLL00469	19	B72	B00505	16	BK150H	SHE00544	26
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ICM400C	MOD00756	46	M02-04-00	MAG00012	66	PLN/012-4	PLN00969	83
ICM410	MOD00863	46	M02-04-01	MAG00013	66	PLN/012T-3	PLN00934	83
ICM450C	MOD00757	46	MA12/24D	TRM00026	66	PLN/012T-4	PLN00949	83
ICM491C	MOD00862	46	MASS24LO	TRM00029	66	PLN/013-3	PLN00955	82
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KT-20298-10	BOD00828	121	MOD45R	CAB00851	66	PLN/013T-3	PLN00935	83
KT-20298-11	BOD00829	121	MPS-115	TOL01227	159	PLN/013T-4	PLN00950	83
KT-20298-12	BOD00830	121	MPS-240	TOL01228	159	PLN/014-3	PLN00956	82
KT-20298-13	BOD00831	121	MRH-115-A-250	TOL01792	158	PLN/014-4	PLN00971	83
KT-20298-14	BOD00832	121	MRH-115-A-500	TOL01794	158	PLN/014T-4	PLN00951	83

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PLN/016T-4	PLN00978	83	RIB2401SB	RLY02543	61	SC3000	THT02403	47
PLN/017-3	PLN00959	82	RIB24P	RLY02544	61	SC3001	THT02404	47
PLN/017-4	PLN00974	83	RIBMN24C	RLY02545	61	SC3006	THT02405	47
PLN/017T-3	PLN00964	83	RIBMN24S	RLY02546	61	SC3201	THT02406	47
PLN/017T-4	PLN00979	83	RIBU1C	RLY02547	61	SC3801	THT02407	47
PLN/018-3	PLN00960	82	RIBU1S	RLY02548	61	SC67	MTR00830	135
PLN/018-4	PLN00975	83	RIBU2C	RLY02549	61	SC76	MTR00860	135
PLN/018T-3	PLN00965	83	RIBX24BA	RLY02550	61	SERVICE	SER00004	66
PLN/018T-4	PLN00980	83	RIBX24SBA	RLY02551	61	SFD-13F3-W	DHY00284	116
PLN/019-3	PLN00961	82	RIBXLCRA	RLY02552	61	SFD-13S3-W	DHY00235	116
PLN/019-4	PLN00976	83	RL 100S	OIL00086	41	SFD-13S4-W	DHY00236	116
PLN/019T-3	PLN00966	83	RL 32H	OIL00079	41	SFD-13S5-W	DHY00237	116
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PLN/020T-3	PLN00967	83	RM-075-6	MFD00901	160	SFD-27S9-W	DHY00241	116
PLN/020T-4	PLN00982	83	RTO-500-115-F	TOL01144	158	SFD-54S11-W	DHY00242	116
PRM-1	TOL01953	132	RTO-500-240-F	TOL01145	158	SFD-54S13-W	DHY00243	116
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PS12/24SLENSW	LEN00806	66	RTS451KEY	SEN00920	65	SGB-075	BRU00172	126
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PS1-X3A 50/65	CNT02187	50	RV2F35	VAL06011	119	SGB-125	BRU00191	127
PS1-X3K 50/65	CNT02188	50	RV345D1	VAL07118	119	SGB-Q-050	BRU00265	127
PS1-X4K 115/145	CNT02189	50	RV3F45D1	VAL06010	119	SGB-Q-075	BRU00180	127
PS1-X5A 140/280	CNT02190	50	RV456	VAL05052	119	SGB-Q-100	BRU00181	127
PS1-X5K 330/290	CNT02191	50	RV457	VAL04972	119	SGB-Q-125	BRU00266	127
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PTB-056	TOL01697	128	SA040-D-035	KIT06137	64	STAS 14417T	DHY00123	117
PTB-062	TOL01723	128	SA040-D-037	KIT06142	64	STAS 1449T	DHY00120	117
PTB-062-Q	TOL01724	128	SA040-D-045	KIT06151	64	STAS 19211T	DHY00124	117
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PWN-002	NOZ00821	129	SA057-D-048	KIT06144	64	STAS 19217T	DHY00126	117
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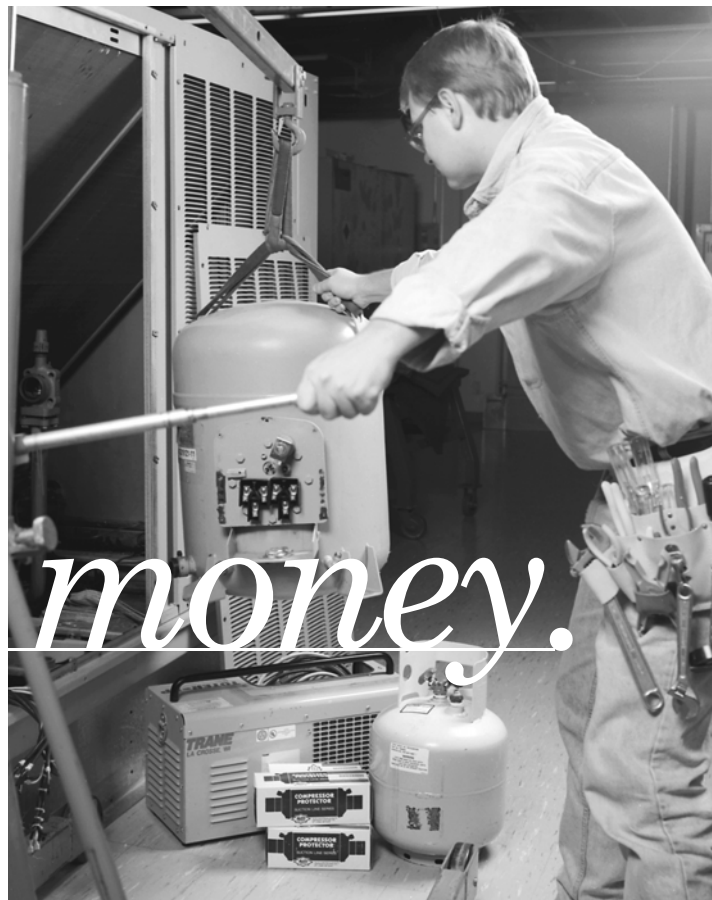
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TIF H10A	TOL01956	131	W01021	CPL00902	68	W01325	BUS00484	71
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TIF VA500R	TOL01959	131	W01023	CPL00376	69	W01327	FTG00847	71
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TIF8800	SEN01165	131	W01036	CPL00307	69	W01350	BUS00004	71
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TIF8801	TIP00130	131	W01038	CPL00962	69	W01353	FTG00860	71
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W02822	ELL00888	.71	W07008	CAP00862	.68	X-26300-FC-1	HED00344	.121
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W03034	ELL00897	.69	W10141	CPL00992	.68	X-26300-SZ-1	HED00633	.121
W03044	ELL00898	.69	W10142	CPL00879	.68	X-6346-16	FLG00257	.120
W03050	ELL00899	.69	W10143	CPL00910	.68	X-6346-17	FLG00258	.120
W03055	ELL00900	.69	W10144	CPL00993	.68	X-6346-18	FLG00259	.120
W03059	ELL00901	.69	W10145	CPL00911	.68	X-6346-34	FLG00260	.120
W03063	ELL00902	.69	W10146	CPL00931	.68	X-6347-2	FLG00582	.120
W03067	ELL00931	.69	W10147	CPL00033	.68	X-6347-6	FLG00583	.120
W03070	ELL00972	.69	W10148	CPL00912	.68	X-6347-7	FLG00584	.120
W03312	ELL00903	.69	W10149	CPL00913	.68	X6669-1	FLG00249	.120
W03321	ELL00904	.69	W10150	CPL00010	.68	X6669-2	FLG00251	.120
W03326	ELL00327	.69	W10151	CPL00343	.68	X6669-4	FLG00248	.120
W03330	ELL00906	.69	W10153	CPL01004	.68	X6669-5	FLG00250	.120
W03334	ELL00907	.69	W10157	CPL00994	.68	XB1019HW-1B	HED00013	.121
W03344	ELL00908	.69	W2305	ELL00920	.70	XB1019HW-2B	HED00014	.121
W03350	ELL00909	.69	W2312	ELL00921	.70	XC726HW-2B	HED00015	.121
W03355	ELL00910	.69	W40102	TEE00206	.70	Y141-0	KIT08265	.40
W03359	ELL00911	.69	W40103	TEE00917	.70			
W03363	ELL00912	.69	W40109	TEE00891	.70			

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Supersedes	RSP-PRC001-EN 0803
Stocking Location	Inland

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