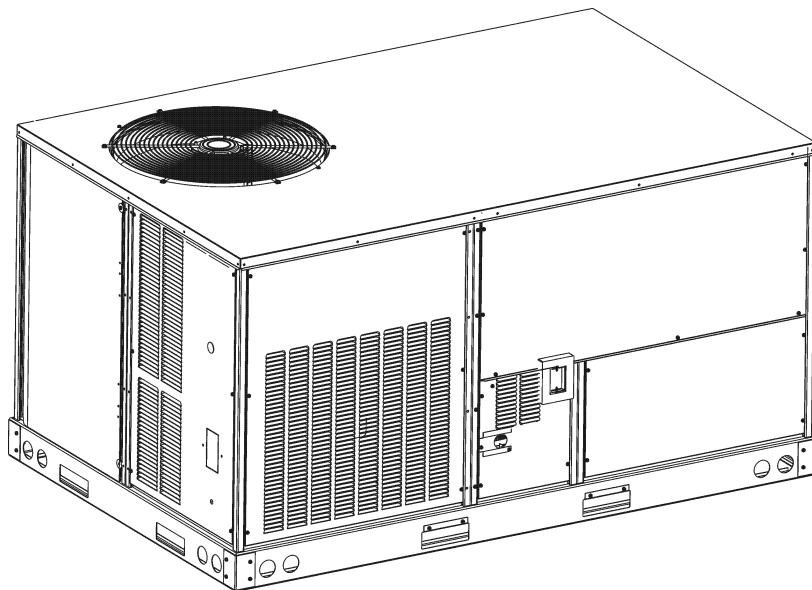


Commercial High Efficient 3 Ton Direct Drive Package Gas Units

DTG0360451DXSXAA
DTG0360451DXXAAA
DTG0360451DXXXAA
DTG0360453DHKCAA
DTG0360453DXXXAA
DTG0360901DAXXAA
DTG0360901DHXXAA
DTG0360901DXDXAA
DTG0360901DXSDAA
DTG0360901DXSXAA
DTG0360901DXXXAA
DTG0360903DHXXAA
DTG0360903DXXBAA
DTG0360903DXXXAA



This manual is to be used by qualified technicians only.

This manual replaces RP-D1078D.

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 15

Views shown are for parts illustrations only, not servicing procedures.

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example M1 - Model#1 M2 - Model#2 M3 - Model#3

Daikin Company, L.P. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Daikin Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:

Equipment Support
Daikin North America, LLC
19001 Kermier Road
Waller, Texas 77484
855-770-5678-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division
Daikin North America, LLC
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

0130M00025	24V RELAY (M9)
20269903	AUXILIARY LIMIT, AUTO RESET (M6, M7, M8, M9, M10, M11)
0163F00017	BECKETT BURNER (M1, M2, M3, M4, M6, M7, M8, M9, M10, M11)
10735102	BECKETT BURNER (M5, M12, M13, M14)
D6723303	BLOWER WHEEL
CAP050000370LA	CAPACITOR 5/370V (M4, M5, M12, M13, M14)
CAP050450440CT	CAPACITOR 5/45/440V/DUAL RD (M1, M2, M3, M6, M7, M8, M9, M10, M11)
ZP29K5EPFV130	COMP,29000.208/230/60/1 (M1, M2, M3, M6, M7, M8, M9, M10, M11)
ZP29K5ETF5130	COMP.29000.208/230/60/3 (M4, M5, M12, M13, M14)
CONT3P025024V	CONTACTOR 25 AMP, 3P, 24V (M4, M5, M12, M13, M14)
CONT2P040024V	CONTACTOR 40 AMP, 2P, 24V (M1, M2, M3, M6, M7, M8, M9, M10, M11)
0130M00074	CUT-OUT SWITCH, HIGH PRESSURE
0130M00087	CUT-OUT SWITCH, LOW PRESSURE
0150G00004	FAN BLADE
0130F00010	FLAME SENSOR
0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE (M6, M7, M8, M9, M10, M11, M12, M13, M14)
0151M00013	GAS VALVE (HW) SINGLE STAGE (M1, M2, M3, M4, M5)
PCBAG123	IGNITION BOARD, DSI INTEGRATED
20261709	IGNITOR
0130M00064	LIMIT (M1, M2, M3, M4, M5)
10123532	MANUAL RESET LIMIT 350°F
0131M00847	MOTOR, 1/4 HP, 1 SP, 6 PL (M1, M2, M3, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
0131L00061	Motor, Cond, 1/4 HP, 208/230V (M4)
11112501	PRESSURE SWITCH
20162907	PRIMARY LIMIT (M12, M13, M14)
20162903	PRIMARY LIMIT - BLUE (M6, M7, M8, M9, M10, M11)
0130F00036	PRIMARY LIMIT - PINK (M1, M2, M3, M4)
20162904	PRIMARY LIMIT-TEMPERATURE CONTROL (M5)
20162905	PRIMARY LIMIT-YELLOW (M12, M13, M14)
0130M00038	TERMINAL BOARD
0130M00138	TRANSFORMER 208/230, 24V

Expanded Model Nomenclature

M1 - DTG0360451DXSXAA
M2 - DTG0360451DXXAAA
M3 - DTG0360451DXXXAA
M4 - DTG0360453DHKCAA
M5 - DTG0360453DXXXAA
M6 - DTG0360901DAXXAA
M7 - DTG0360901DHXXAA
M8 - DTG0360901DXDXAA
M9 - DTG0360901DXSDAA
M10 - DTG0360901DXSXAA
M11 - DTG0360901DXXXAA
M12 - DTG0360903DHXXAA
M13 - DTG0360903DXXBAA
M14 - DTG0360903DXXXAA

Top Panel and Tubing Assembly

IMAGE 1

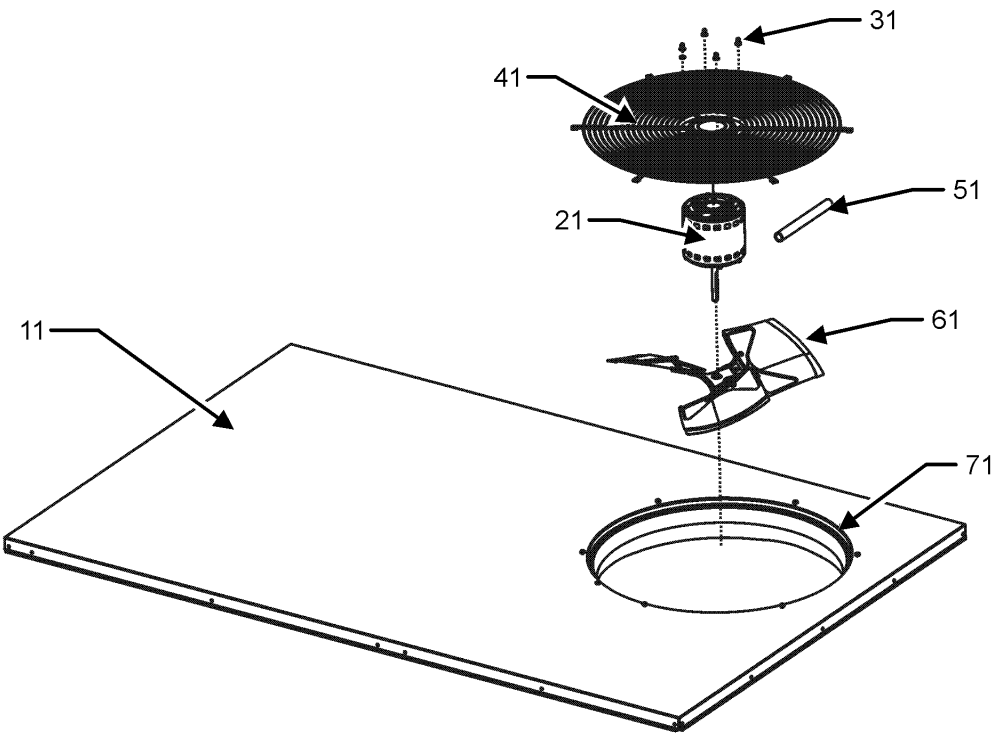
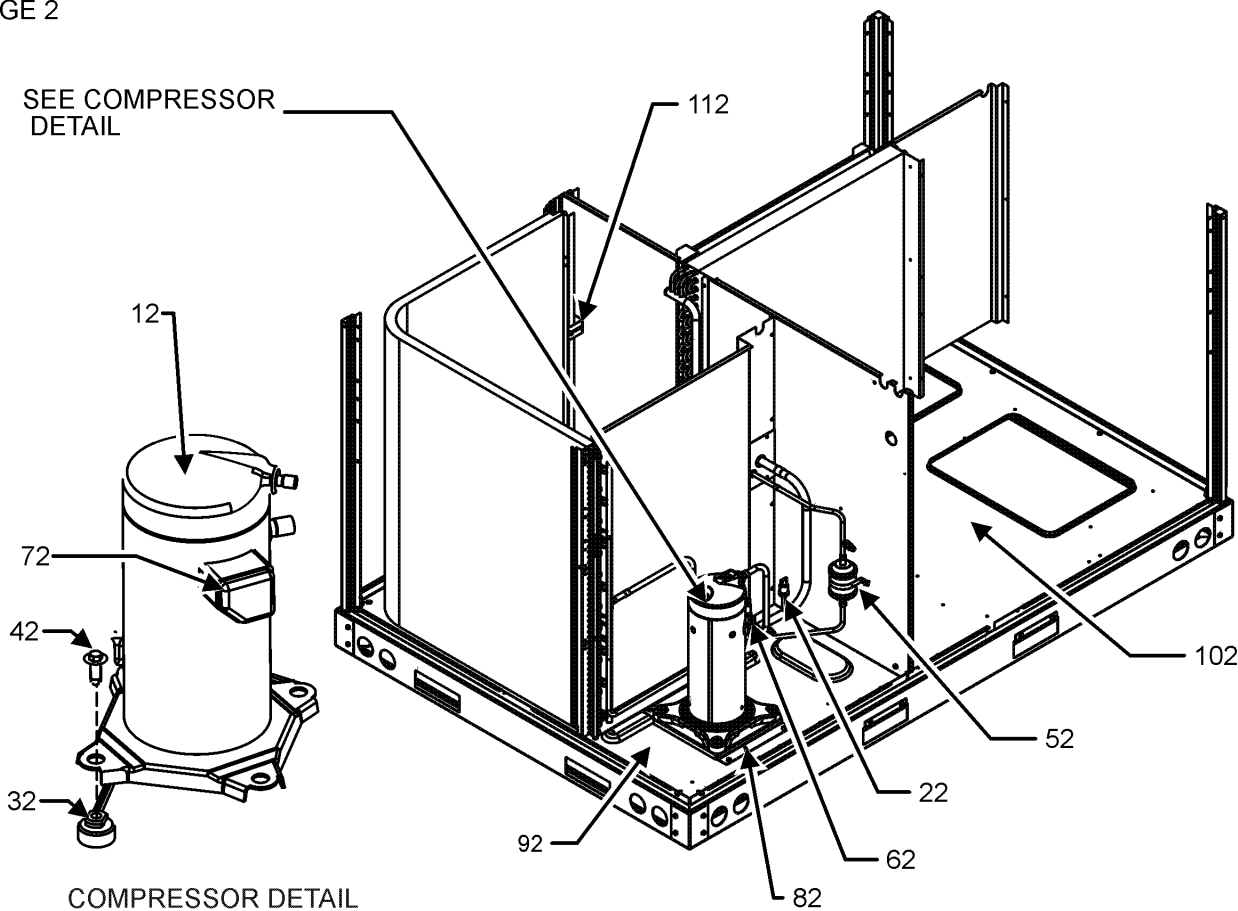


IMAGE 2



Top Panel and Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
----------------------	--------------	----------------------	--------------

Image 1:

11	0121L00235NG	TOP PANEL
21	0131M00847	MOTOR, 1/4 HP, 1 SP, 6 PL (M1, M2, M3, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
21	0131L00061	Motor, Cond, 1/4 HP, 208/230V (M4)
31	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00003	FAN GRILLE (M1, M2, M3, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14)
41	0152G00000	FAN GRILLE, RAISED (M4)
51	17788000083F	PVC CONDUIT 8.25"
61	0150G00004	FAN BLADE
71	0161L00000	VENTURI RING 22"
NS	0163M00004	SCREW #10X3/4", BLACK (QTY 8)
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)

Image 2:

12	ZP29K5EPFV130	COMP.29000.208/230/60/1 (M1, M2, M3, M6, M7, M8, M9, M10, M11)
12	ZP29K5ETF5130	COMP.29000.208/230/60/3 (M4, M5, M12, M13, M14)
22	0130M00087	CUT-OUT SWITCH, LOW PRESSURE
32	B1339533	COMPRESSOR GROMMET (QTY 4)
42	M0221641	TF SHOULDER SCREW (QTY 4)
52	0162R00009	FILTER DRIER
62	0130M00074	CUT-OUT SWITCH, HIGH PRESSURE
72	0159L00027	COMPRESSOR SCROLL HARNESS (M1, M2, M3, M6, M7, M8, M9, M10, M11)
72	0159L00065	COMPRESSOR SCROLL HARNESS (M4, M5, M12, M13, M14)
82	0121L00310	COMPRESSOR MOUNTING PLATE
92	0121L01990	BASE PAN-OUTDOOR
102	0121L00943	BASE PAN-INDOOR
112	0121L00936	BRACKET-HAIRPIN END
NS	B1373315	ACCESS FITTING (QTY 2)

Expanded Model Nomenclature

M1 - DTG0360451DXSXAA
M2 - DTG0360451DXXAAA
M3 - DTG0360451DXXXAA
M4 - DTG0360453DHKCAA
M5 - DTG0360453DXXXAA
M6 - DTG0360901DAXXAA
M7 - DTG0360901DHXXAA
M8 - DTG0360901DXDXAA
M9 - DTG0360901DXSDAA
M10 - DTG0360901DXSXAA
M11 - DTG0360901DXXXAA
M12 - DTG0360903DHXXAA
M13 - DTG0360903DXXBAA
M14 - DTG0360903DXXXAA

Cabinet Assembly

IMAGE 1

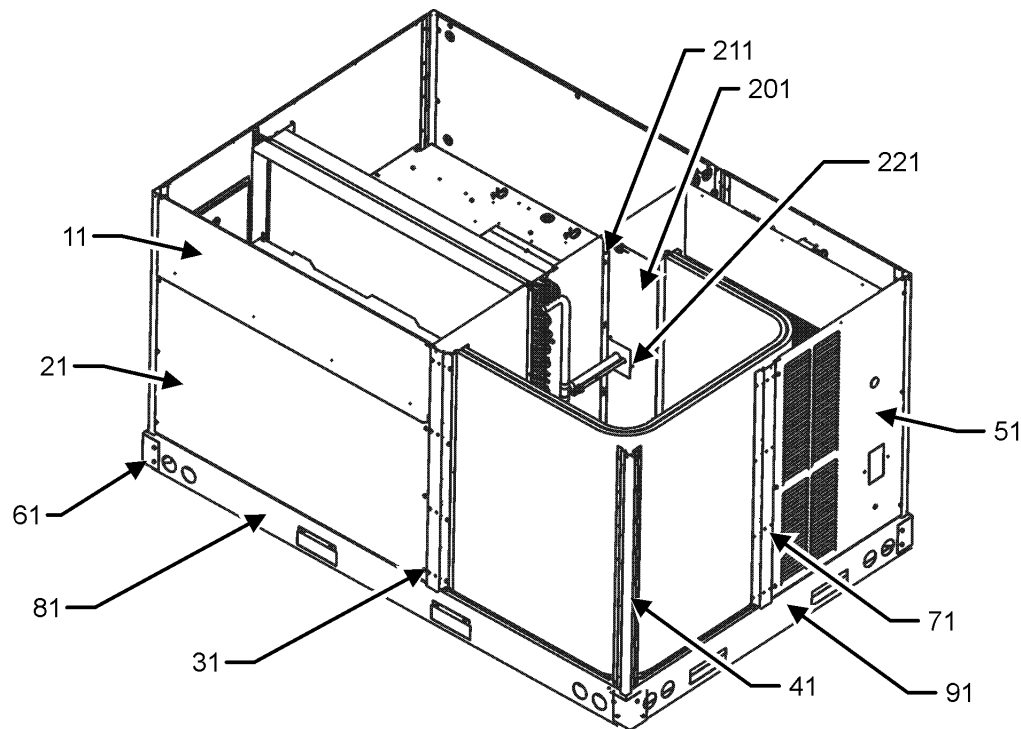
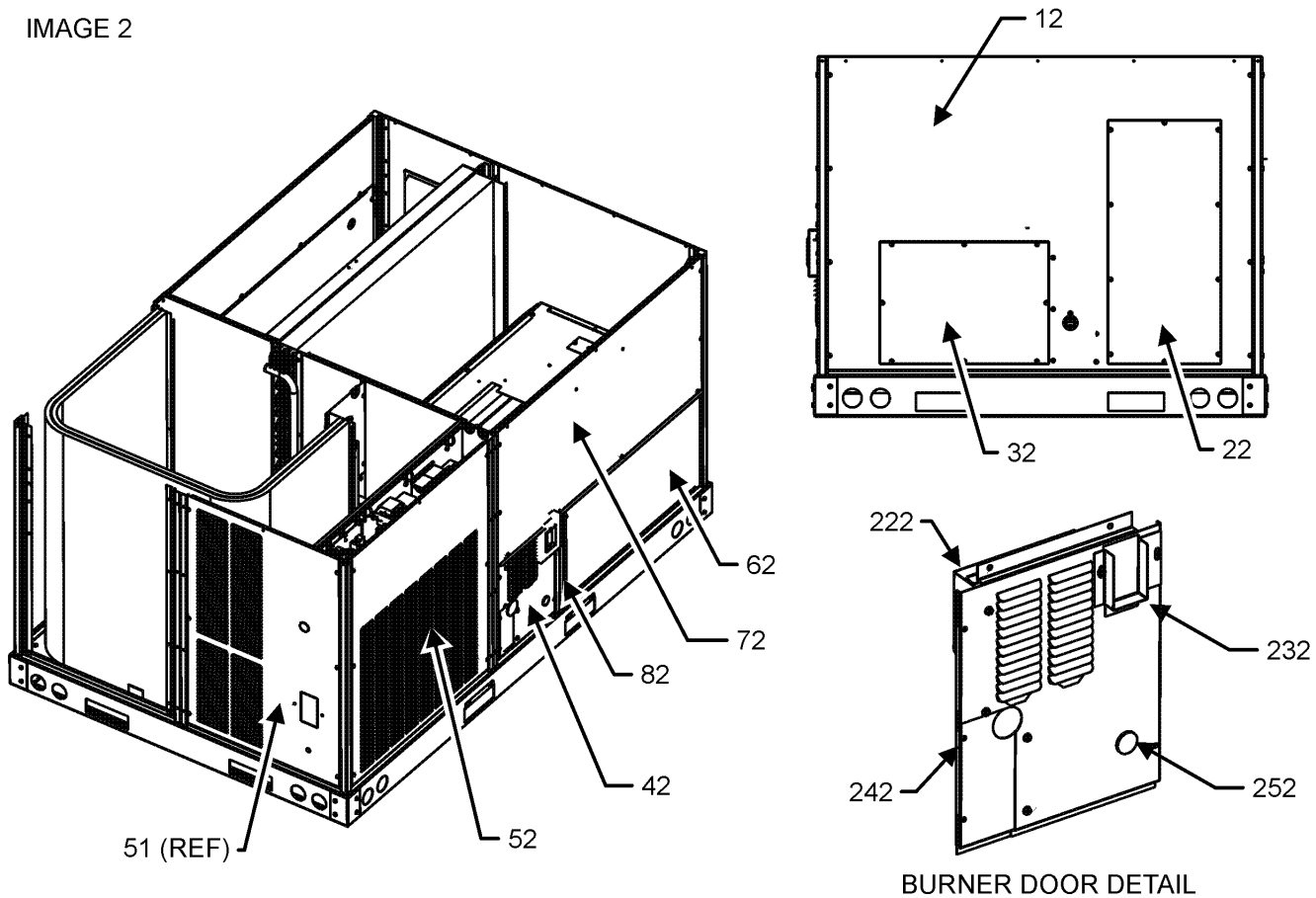


IMAGE 2



Cabinet Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
----------------------	--------------	----------------------	--------------

Image 1:

11	0270L00362NG	FILTER DOOR
21	0121L00976NG	ECONOMIZER DOOR (M1, M2, M3, M4, M5, M7, M8, M9, M10, M11, M12, M13, M14)
31	0121L00233RFNG	POST-SIDE SUPPORT (QTY 2)
31	0121L01374RFNG	POST-SIDE SUPPORT (M4, M8)
41	0121L00237RFNG	CORNER POST (QTY 4)
41	0121L01935RFNG	PNT, RL FMD POST CORNER (M4, M8)
51	0121L00263NG	LOUVERED COMPRESSOR PANEL (M1, M2, M3, M5, M6, M8, M9, M10, M11, M12, M13, M14)
51	0121L00836NG	LOUVERED COMPRESSOR PANEL (M4, M7, M12)
61	0121G00301	RAIL CORNER BRACKET (QTY 4)
71	0121L01159RFNG	POST-SIDE SUPPORT
81	0121L00244RF	SIDE RAIL (QTY 2)
91	0121L00245	END RAIL (QTY 2)
201	0121L00882	BLOCKOFF-CONDENSER
211	0121L00254	COND MOUNTING ANGLE
221	0121L00939	CONDENSER BLOCKOFF PLATE
NS	0121L01309	ECONOMIZER COVER (M6)
NS	0164L00009	GASKET-RUBBER, CPOST (QTY 3)
NS	0164L00011	GASKET-RUBBER, SIDE POST (QTY 3)

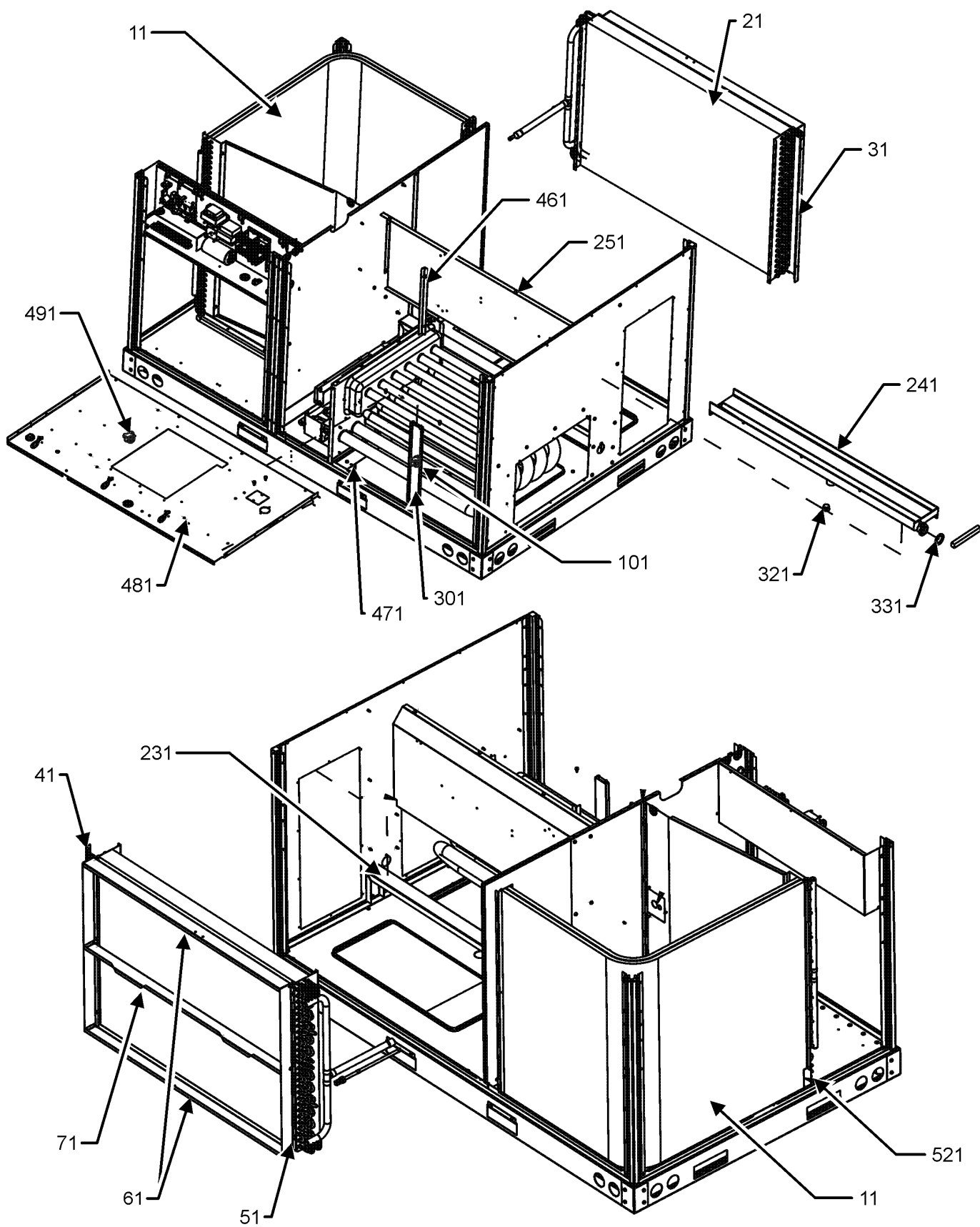
Image 2:

12	0121L00236NG	DUCT PANEL
22	0121L00023NG	RETURN DUCT COVER
32	0121L00024NG	SUPPLY DUCT COVER
42	0121L01438NG	BURNER DOOR
52	0121L01121NG	LOUVERED CONTROL PANEL (M1, M2, M3, M5, M6, M7, M9, M10, M11, M12, M13, M14)
52	0121L01327NG	PNT, CONTROL LOUVER DOOR (M4, M8)
62	0121L01108NG	HEAT EXCHANGER DOOR
72	0121L01157NG	BLOWER DOOR
82	0121L01110RFNG	BURNER POST
222	0121L01439	RAIN SHIELD DOOR
232	0121L01440NG	FLUE COLLAR
242	0121L01441NG	BURNER DOOR PANEL
252	B1392139	VIEW PORT BUSHING-BLOWER DOOR
NS	0141L00003X	FORK BOARD (QTY 2)
NS	0121L00055	FORK BOARD BRACKET (QTY 4)
NS	B1910012	GAS LINE GROMMET

Expanded Model Nomenclature

M1 - DTG0360451DXSXAA
 M2 - DTG0360451DXXAAA
 M3 - DTG0360451DXXXAA
 M4 - DTG0360453DHKCAA
 M5 - DTG0360453DXXXAA
 M6 - DTG0360901DAXXAA
 M7 - DTG0360901DHXXAA
 M8 - DTG0360901DXDXAA
 M9 - DTG0360901DXSDAA
 M10 - DTG0360901DXSXAA
 M11 - DTG0360901DXXXAA
 M12 - DTG0360903DHXXAA
 M13 - DTG0360903DXXBAA
 M14 - DTG0360903DXXXAA

Partition Assembly



Partition Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0201L00141		TUBING ASSY, COND COIL
21	0202L00141		EVAPORATOR COIL TUBING ASSY
31	0121L00252		BLOCKOFF-EVAPORATOR (M1, M2, M3, M4, M5, M6, M7, M8, M10, M11, M12, M13, M14)
31	0121L00337		BLOCKOFF-EVAPORATOR (M9)
41	0121L00303		FILTER ANGLE-VERTICAL (HAIRPIN SIDE)
51	0121L00287		FILTER ANGLE-VERTICAL (RETURN SIDE)
61	0121L00932		FILTER ANGLE-HORIZONTAL (QTY 2)
71	0121L01255		ANGLE-FILTER CENTER
101	20162907		PRIMARY LIMIT (M12, M13, M14)
231	0121L00238		DRAIN PAN SUPPORT
241	0161L00005		DRAIN PAN
251	0121L00243		DECK SIDE CHANNEL
301	0121L00300		SUPPORT POST-DECK
321	0163L00071		DRAIN PLUG
331	0154L00009		DRAIN PAN GASKET
461	0121L00293		BACK ANGLE-HEAT EXCHANGER (QTY 2)
471	0121L00266		HEAT PANEL CHANNEL (QTY 2)
481	0121L01575		BLOWER DECK
491	20162903		PRIMARY LIMIT - BLUE (M6, M7, M8, M9, M10, M11)
491	0130F00036		PRIMARY LIMIT - PINK (M1, M2, M3, M4)
491	20162904		PRIMARY LIMIT-TEMPERATURE CONTROL (M5)
521	0121L00937		BRACKET-COND TIE DOWN
NS	0160L00173		AIR FILTER 14 X 20 X 2 (QTY 4)
NS	0121L01377		BLOWER DECK SUPPORT (M4, M8)
NS	A4568804		GROMMET-D (QTY 4)
NS	0121L00321		SMOKE DETECTOR COVER

Expanded Model Nomenclature

M1 - DTG0360451DXSXAA
M2 - DTG0360451DXXAAA
M3 - DTG0360451DXXXAA
M4 - DTG0360453DHKCAA
M5 - DTG0360453DXXXAA
M6 - DTG0360901DAXXAA
M7 - DTG0360901DHXXAA
M8 - DTG0360901DXDXAA
M9 - DTG0360901DXSDAA
M10 - DTG0360901DXSXAA
M11 - DTG0360901DXXXAA
M12 - DTG0360903DHXXAA
M13 - DTG0360903DXXBAA
M14 - DTG0360903DXXXAA

Blower and Control Box Assembly

IMAGE 1

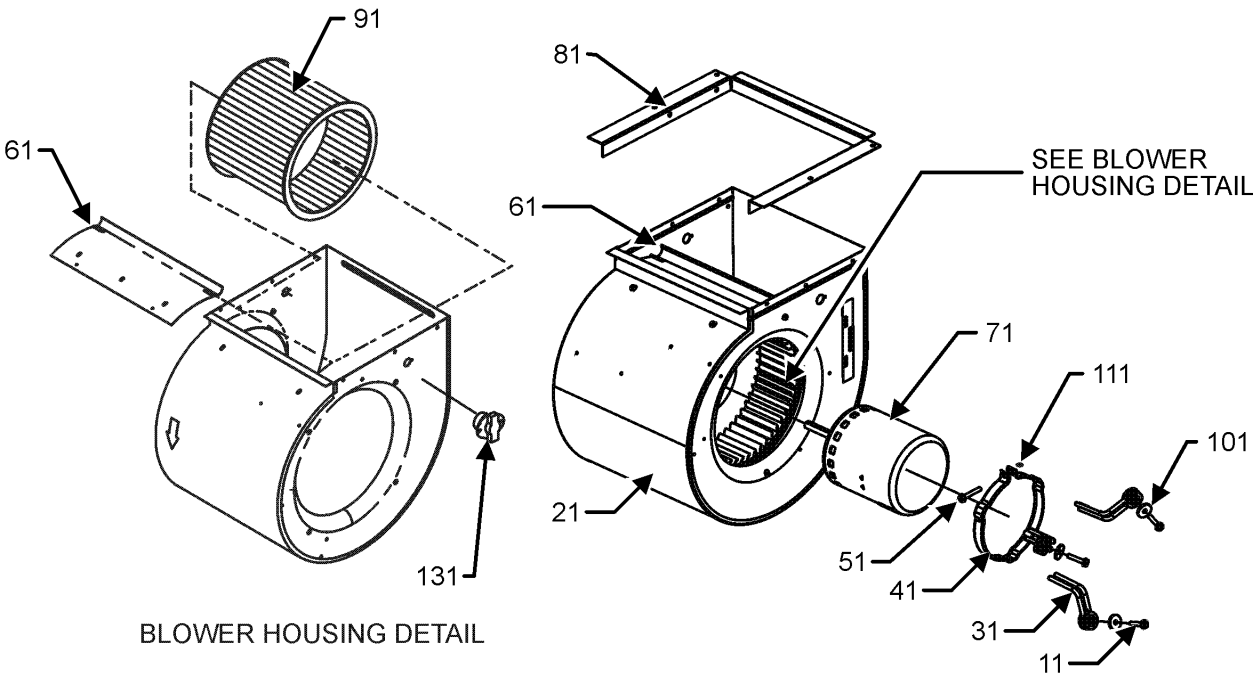
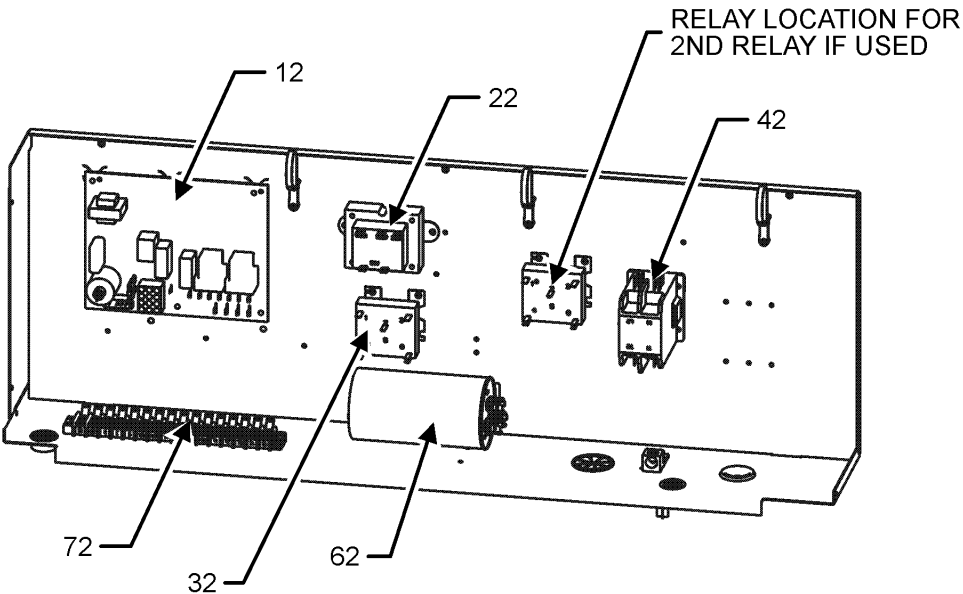


IMAGE 2



Blower and Control Box Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

11	M0250565	TC SCREW 1.25" (QTY 3)
21	11185817	BLOWER HOUSING
31	B1376853	MOTOR MOUNT ARM (QTY 3)
41	0121M00038	MOTOR MOUNT BAND
51	B1393323	MACHINE SCREW HWH 1/4-20 X 1-1/2 BZ
61	C6121806	BLOWER CUT-OFF
71	0131M00816	MOTOR, 1/2HP PROGRAMMED SELEC
81	0121L00308	BLOWER MOUNTING ANGLE
91	D6723303	BLOWER WHEEL
101	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 4)
111	B1393800	LOCKNUT, NYLON, INSERT 1/4, 20
131	20269903	AUXILIARY LIMIT, AUTO RESET (M6, M7, M8, M9, M10, M11)
131	0130M00064	LIMIT (M1, M2, M3, M4, M5)
131	20162905	PRIMARY LIMIT-YELLOW (M12, M13, M14)

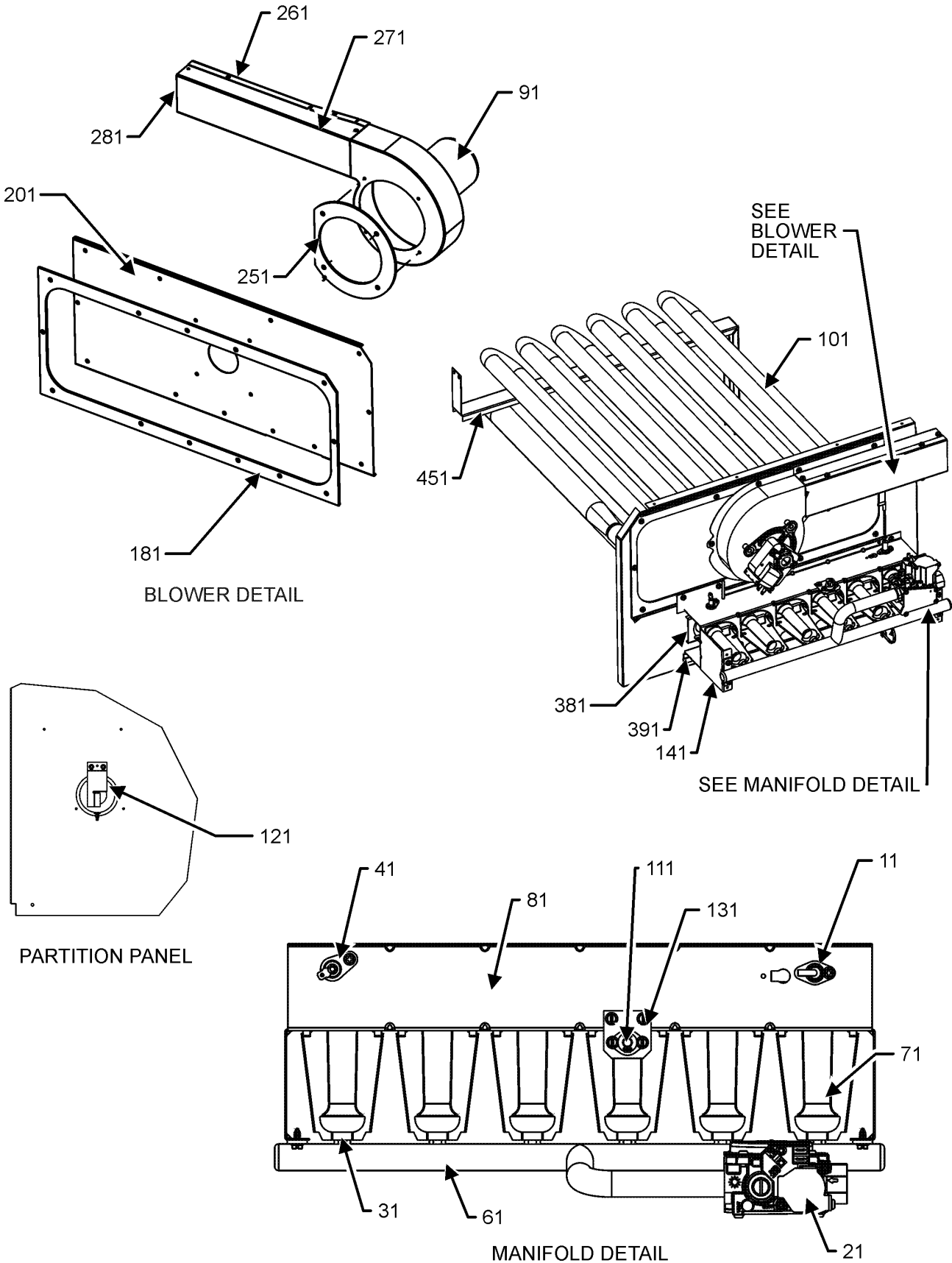
Image 2:

12	PCBAG123	IGNITION BOARD, DSI INTEGRATED
22	0130M00138	TRANSFORMER 208/230, 24V
32	0130M00025	24V RELAY (M9)
42	CONT3P025024V	CONTACTOR 25 AMP, 3P, 24V (M4, M5, M12, M13, M14)
42	CONT2P040024V	CONTACTOR 40 AMP, 2P, 24V (M1, M2, M3, M6, M7, M8, M9, M10, M11)
62	CAP050000370LA	CAPACITOR 5/370V (M4, M5, M12, M13, M14)
62	CAP050450440CT	CAPACITOR 5/45/440V/DUAL RD (M1, M2, M3, M6, M7, M8, M9, M10, M11)
72	0130M00038	TERMINAL BOARD
NS	20520901	CAPACITOR STRAP (QTY 4)
NS	0259L00179	HARNESS, ECONOMIZER
NS	0259L00125	HARNESS, WIRING
NS	0130M00127	MOTOR POWER HARNESS
NS	0259L00091	WIRE HARNESS-SMOKE DETECTOR (M9)
NS	0259L00054	WIRING HARNESS
NS	0259L00066	WIRING HARNESS
NS	0259L00069	WIRING HARNESS (M6, M7, M8, M9, M10, M11, M12, M13, M14)
NS	0259L00070	WIRING HARNESS (M4)
NS	0130M00126	X-13 LOW VOLTAGE WIRE HARNESS

Expanded Model Nomenclature

M1 - DTG0360451DXSXAA
 M2 - DTG0360451DXXAAA
 M3 - DTG0360451DXXXAA
 M4 - DTG0360453DHKCAA
 M5 - DTG0360453DXXXAA
 M6 - DTG0360901DAXXAA
 M7 - DTG0360901DHXXAA
 M8 - DTG0360901DXDXAA
 M9 - DTG0360901DXSDAA
 M10 - DTG0360901DXSXAA
 M11 - DTG0360901DXXXAA
 M12 - DTG0360903DHXXAA
 M13 - DTG0360903DXXBAA
 M14 - DTG0360903DXXXAA

Heat Exchanger Assembly



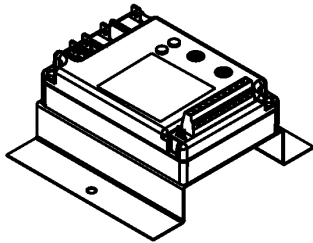
Heat Exchanger Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	20261709	IGNITOR	M1 - DTG0360451DXSXAA
21	0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE (M6, M7, M8, M9, M10, M11, M12, M13, M14)	M2 - DTG0360451DXXAAA
21	0151M00013	GAS VALVE (HW) SINGLE STAGE (M1, M2, M3, M4, M5)	M3 - DTG0360451DXXXAA
31	0163F00018	ORIFICE (QTY 2)	M4 - DTG0360453DHKCAA
41	0130F00010	FLAME SENSOR	M5 - DTG0360453DXXXAA
61	0163L00027	MANIFOLD - 2 BRNR (M1, M2, M3, M4, M5)	M6 - DTG0360901DAXXAA
61	0163L00026	MANIFOLD - 4 BRNR (M6, M7, M8, M9, M10, M11, M12, M13, M14)	M7 - DTG0360901DHXXAA
71	0163F00017	BECKETT BURNER (M1, M2, M3, M4, M6, M7, M8, M9, M10, M11)	M8 - DTG0360901DXDXAA
71	10735102	BECKETT BURNER (M5, M12, M13, M14)	M9 - DTG0360901DXSDAA
81	0121L01360	BURNER BRACKET 2B (M1, M2, M3, M4)	M10 - DTG0360901DXSXAA
81	20190410	BURNER BRACKET 2B (M5)	M11 - DTG0360901DXXXAA
81	0121L01361	BURNER BRACKET 4B (M6, M7, M8, M9, M10, M11)	M12 - DTG0360903DHXXAA
81	20190412	BURNER BRACKET 4B (M12, M13, M14)	M13 - DTG0360903DXXBAA
91	0131M00121	ID COMBUSTION BLOWER	M14 - DTG0360903DXXXAA
101	0270L00681	PART/TUBE ASSY (M2, M3)	
101	0270L00682	PART/TUBE ASSY (M6, M7, M8, M11)	
101	0270L00685	PART/TUBE ASSY (M1, M4)	
101	0270L00686	PART/TUBE ASSY (M9, M10)	
101	0270L00099	PART/TUBE ASSY 2B (M5)	
101	0270L00092	PART/TUBE ASSY 4B (M12, M13, M14)	
111	10123532	MANUAL RESET LIMIT 350°F	
121	11112501	PRESSURE SWITCH	
131	0121L00053	FLAME ROLLOUT BRACKET	
141	0121F00469	ORIFICE BURNER BRACKET 2B (M1, M2, M3, M4)	
141	0121F00467	ORIFICE BURNER BRACKET 4B (M6, M7, M8, M9, M10, M11)	
181	0154L00018	ID BLOWER PLATE GASKET 4 BRNR	
201	0121L00285	ID BLOWER PLATE 2 BRNR (M5)	
201	0121L00284	ID BLOWER PLATE 4 BRNR (M12, M13, M14)	
201	0121L01353	PLATE, ID BLOWER 4 (M6, M7, M8, M9, M10, M11)	
201	0121L01329	PLATE-ID BLOWER 2 (M1, M2, M3, M4)	
251	0154L00020	ID BLOWER GASKET	
261	0121L00277	FLUE CHANNEL	
271	0121L00278	FLUE SIDE COVER	
281	0163L00072	SCREEEN-FLUE	
381	11072201	ORIFICE SHIELD (M5)	
381	11072203	ORIFICE SHIELD (M12, M13, M14)	
391	0121L00267	BURNER SLIDE BRACKET (M5, M12, M13, M14)	
451	0121L00325	BRACKET-HEAT EXCHANGER	
NS	A3468601	PRESSURE SWITCH HOSE	

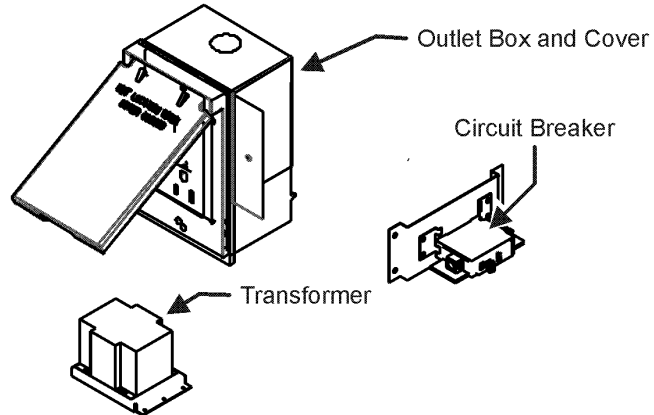
ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

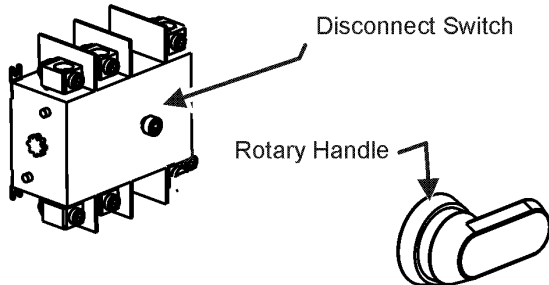
1 LOW AMBIENT KITS



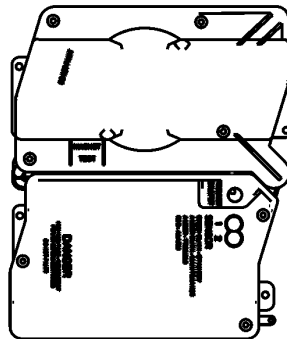
2 GFCI CONVENIENCE OUTLET



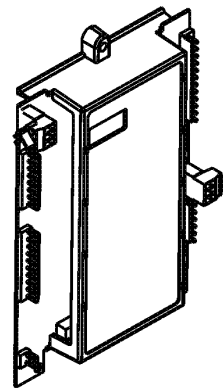
3 DISCONNECT MODULE (NON-FUSED)



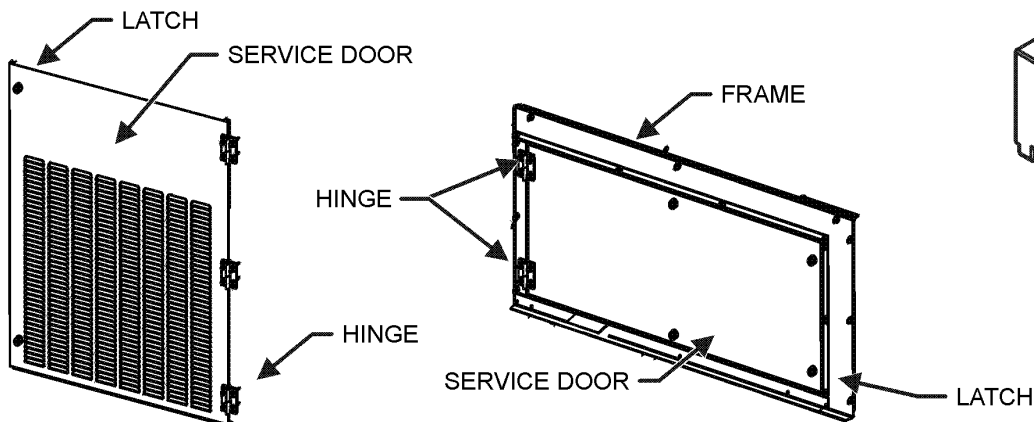
4 SMOKE DETECTORS



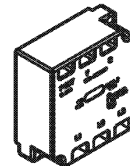
5 DDC CONTROL



6 HINGED DOOR ASSEMBLIES



7 PHASE MONITOR



Accessory Parts List

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
NS 1036609C	3-6 TON DFLOW ECONOMIZER (M6)		
NS 0121L01373NG	BLOWER DOOR FRAME (M4, M8)		
NS 0121L01371NG	BLOWER SERVICE DOOR, BACK (M4, M8)		
NS 0121L01370NG	BLOWER SERVICE DOOR, FRONT (M4, M8)		
NS 0121L01934	BRACKET SMOKE DETECTOR (M9)		
NS 0121L00316	BRACKET-CONV OUTLET MOUNT (M2, M13)		
NS 0121L00835	BRACKET-DISCONNECT SWITCH (M4, M7, M12)		
NS 0121L01934	BRACKET-SMOKE DETECTOR (M9)		
NS 0130M00065	CIRCUIT BREAKER, CONVENIENCE OUTLET (M13)		
NS 0121L00837NG	DISCONNECT COVER (M4, M7, M12)		
NS 0130L00012	GANG BOX-GFCI OUTLET (M2, M13)		
NS 0130L00039	HANDLE, ROTARY (M4, M7, M12)		
NS 0163M00307	HINGE, LEFT HAND (M4, M8)		
NS 0163M00308	HINGE, RIGHT HAND (M4, M8)		
NS 0163M00322	LATCH (M4, M8)		
NS 0121L01327NG	LOUVERED CP SERVICE DOOR (M4, M8)		
NS 0130M00058	LOW AMBIENT KIT (M4)		
NS 0161G00012	POWER OUTLET BOX (M2, M13)		
NS 0130L00103	RECEPTACLE-GFCI OUTLET (M2, M13)		
NS 0130L00042	SHAFT, CUT (M4, M7, M12)		
NS 0130L00049	SHAFT, DISCONNECT (M4, M7, M12)		
NS D4120	SMOKE DETECTOR, PHOTO 4WIRE (M9)		
NS 0130L00046	SWITCH-DISCONNECT 60A (M4, M7, M12)		
NS 0130M00061	TRANSFORMER, CONVENIENCE OUTLET (M13)		

Expanded Model Nomenclature

M1 - DTG0360451DXSXAA
 M2 - DTG0360451DXXAAA
 M3 - DTG0360451DXXXAA
 M4 - DTG0360453DHKCAA
 M5 - DTG0360453DXXXAA
 M6 - DTG0360901DAXXAA
 M7 - DTG0360901DHXXAA
 M8 - DTG0360901DXDXAA
 M9 - DTG0360901DXSDAA
 M10 - DTG0360901DXSXAA
 M11 - DTG0360901DXXXAA
 M12 - DTG0360903DHXXAA
 M13 - DTG0360903DXXBAA
 M14 - DTG0360903DXXXAA