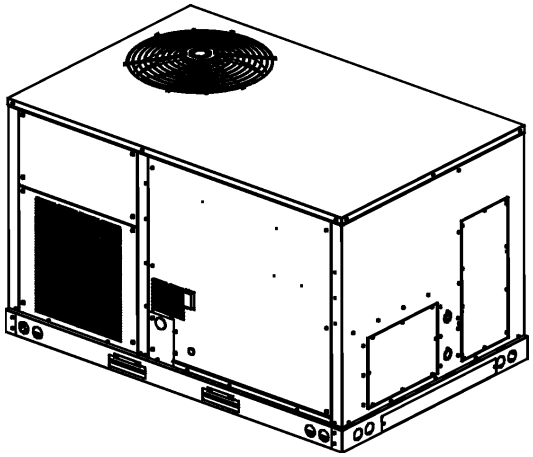
REPAIR PARTS

Commercial 5 Ton (DHG) ULN Package Gas Unit

DHG0601D100001FAA
DHG0601D800001FAA
DHG0603D100001FAA
DHG0603D800001FAA
DHG0604D100001FAA
DHG0604D800001FAA



This manual is to be used by qualified technicians only.

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Important Information

Index

Functional Parts List 3

Illustration and Parts ..... 4 - 17

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 Comfort Technologies Manufacturing , 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 Comfort Technologies Manufacturing , L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Comfort Technologies Manufacturing , 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 Comfort Technologies Manufacturing , L.P.
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 Comfort Technologies Manufacturing , L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part No:	Description:
0151M00098	36G VALVE ULN
10625733	BLADE-FAN 22" ALUM CCW
CAP400000440CS	CAP,40MFD/440V/SINGLERD (M1, M2)
YPS51K1TPFVASC	COMPRESSOR (M1, M2)
YPS51K1TTF5ASC	COMPRESSOR (M3, M4)
YPS51K1TTFDASC	COMPRESSOR (M5, M6)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3, M4)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M1, M2)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M3, M4, M5, M6)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M5, M6)
0130M00178	DPDT RELAY 24VAC
0251L00244	EXPANSION VALVE ASSEMBLY
0130F00762	FLAME SENSOR
0130M00583	FREEZE STAT
0130L00253	ID PLUG
0130M00684	IGNITION MODULE
0130M00817	IGNITOR,ULN SPARK ELECTRODE
PCBBL216	INTEGRATED FURNACE CONTROLLER
20162901	LIMIT, PRIMARY (M1, M3)
0130M00663	LIMIT, PRIMARY (M2, M4, M5, M6)
20162904	LIMIT, PRIMARY
0131M00919	MOTOR (M5, M6)
0131M00972	MOTOR VENT
0131M00804	MOTOR, ECM (M1, M2, M3, M4)
0131L00698	MOTOR-PROGRAMMED (M5)
0131L00687	MOTOR-PROGRAMMED (M1, M3)
0131L00688	MOTOR-PROGRAMMED (M2, M4)
0131L00697	MOTOR-PROGRAMMED (M6)
PCBCM301V0001	PCB CONTROL CIR HANDLER
10135604	RELAY
SER2A08012	SENSATA R32 SENSOR
0130G00021	SWITCH, HIGH LIMIT, ULN (M1, M3, M5)
0130G00025	SWITCH, HIGH LIMIT, ULN (M6)
0130G00022	SWITCH, HIGH LIMIT, ULN (M2, M4)
0130M00730	SWITCH, HIGH PRESSURE
0130M00732	SWITCH, LOW PRESSURE
B1370772	TIME DELAY ICM 180 SEC DELAY
0130M00695	TRANSDUCER PRESSURE
0130M00862	TRANSFORMER (M5, M6)
0130M00859	TRANSFORMER

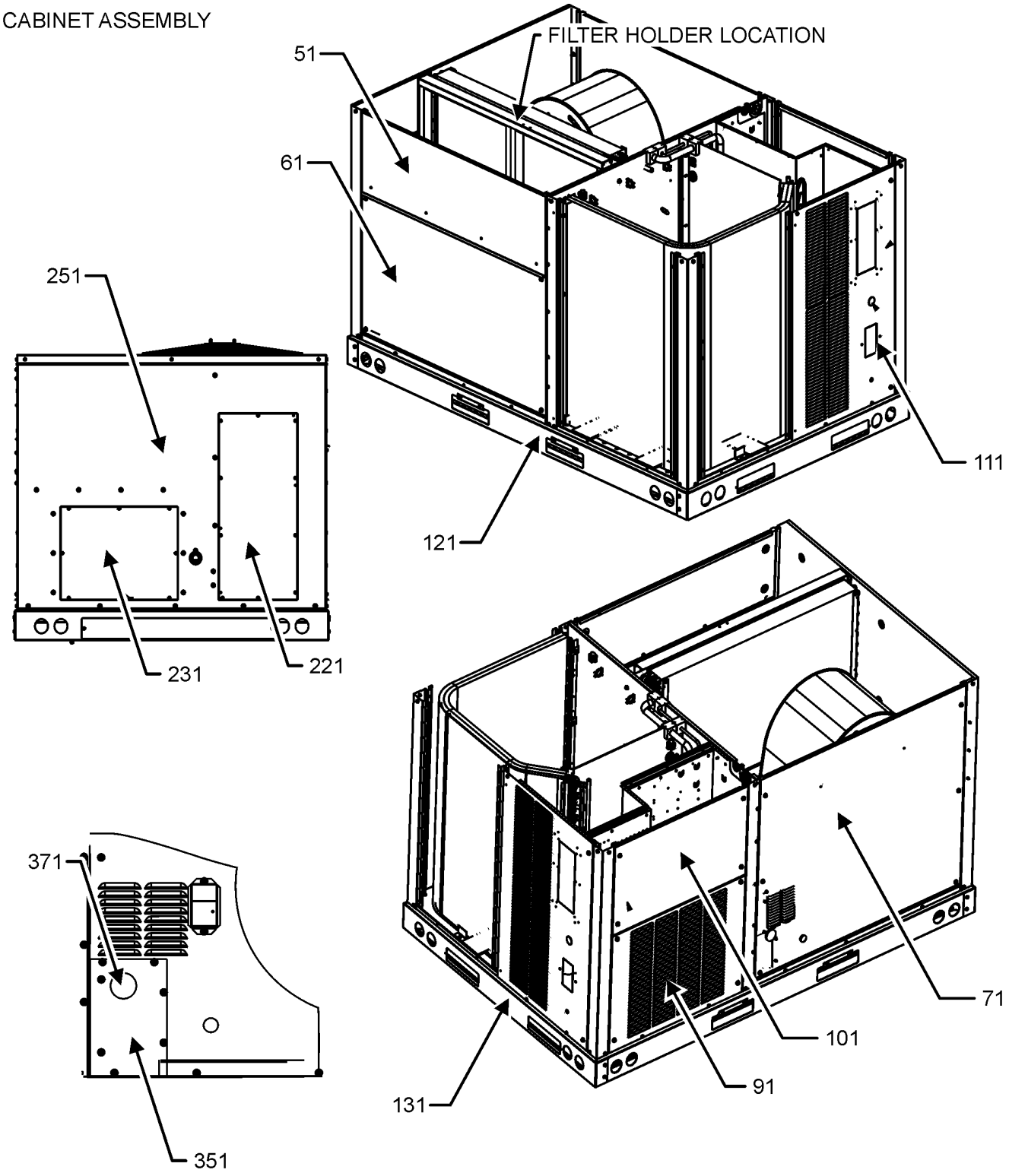
SPECIAL PARTS

RP-FIOPS*	ACCESSORY RP MANUAL
RP-EHS[B/D]S*	HEATER KIT RP MANUAL
RP-HXS*	HEATER KIT RP MANUAL
RP-EHX[B/D]SC*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA

CABINET ASSEMBLY



BURNER DOOR DETAIL

NOTE: CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

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

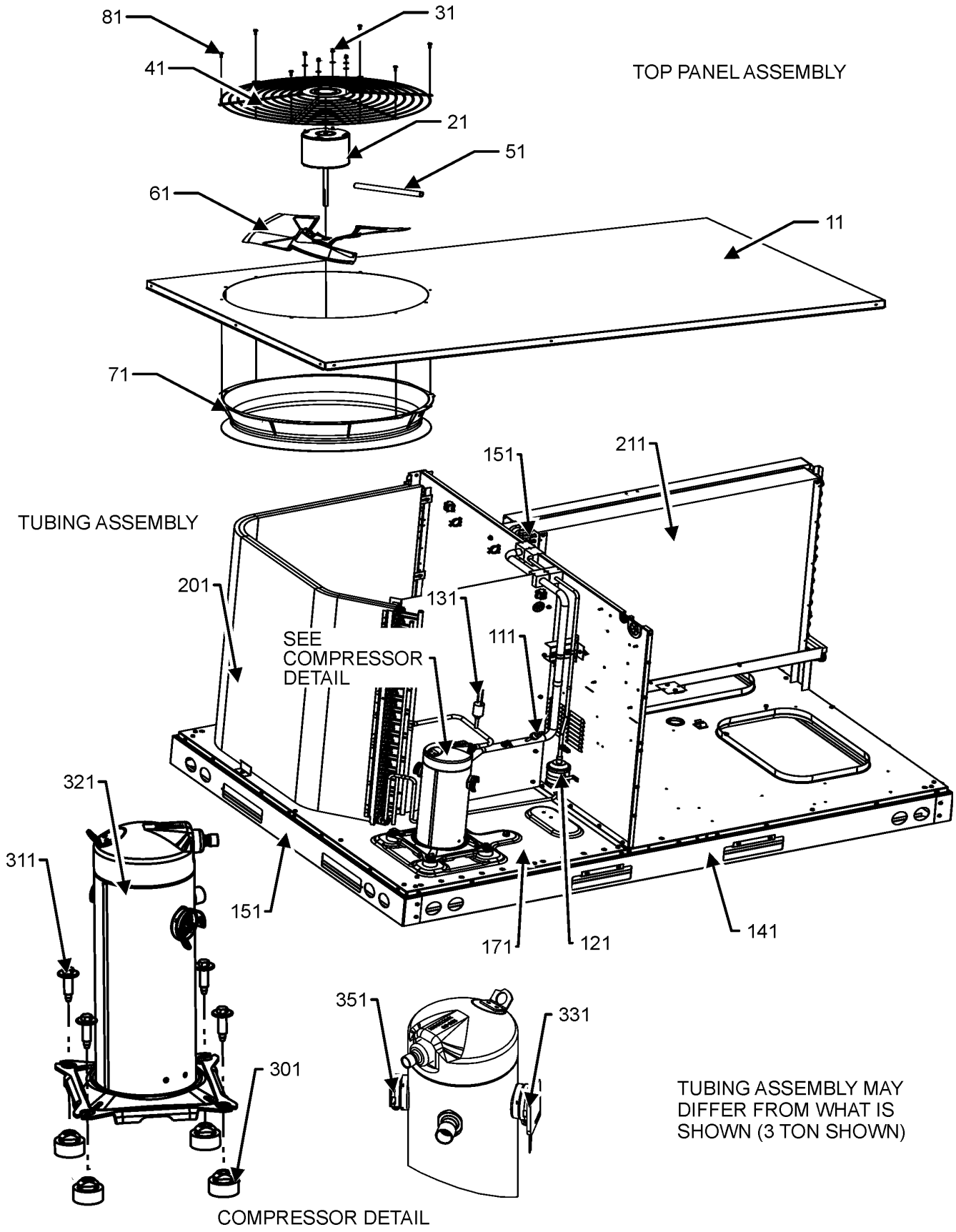
Image 1:

51	0121L01650SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L03724SB	PAINTED, PANEL, GAS BLOWER
91	0121L02265SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03643SB	PAINTED, COMPRESSOR BACK PANEL
121	0121L04850	RAIL, SIDE (QTY 2)
131	0121L01621	END RAIL
221	0121L02910SB	PAINTED COVER-DUCT RETURN
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY
251	0121L05126SB	PAINTED BACK PANEL
351	0121L03443SB	PAINTED, GAS INLET PANEL
371	B1910010	GROMMET, GAS LINE
NS	0160L00136	AIR FILTER (QTY 2)
NS	0160L00173	AIR FILTER (QTY 2)
NS	0270L01444	ASSY., FILTER HOLDER
NS	0121L03931	HEAT EXCHANGER FLASHING
NS	0121L03288SB	PAINTED, COLLAR, FLUE

Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY

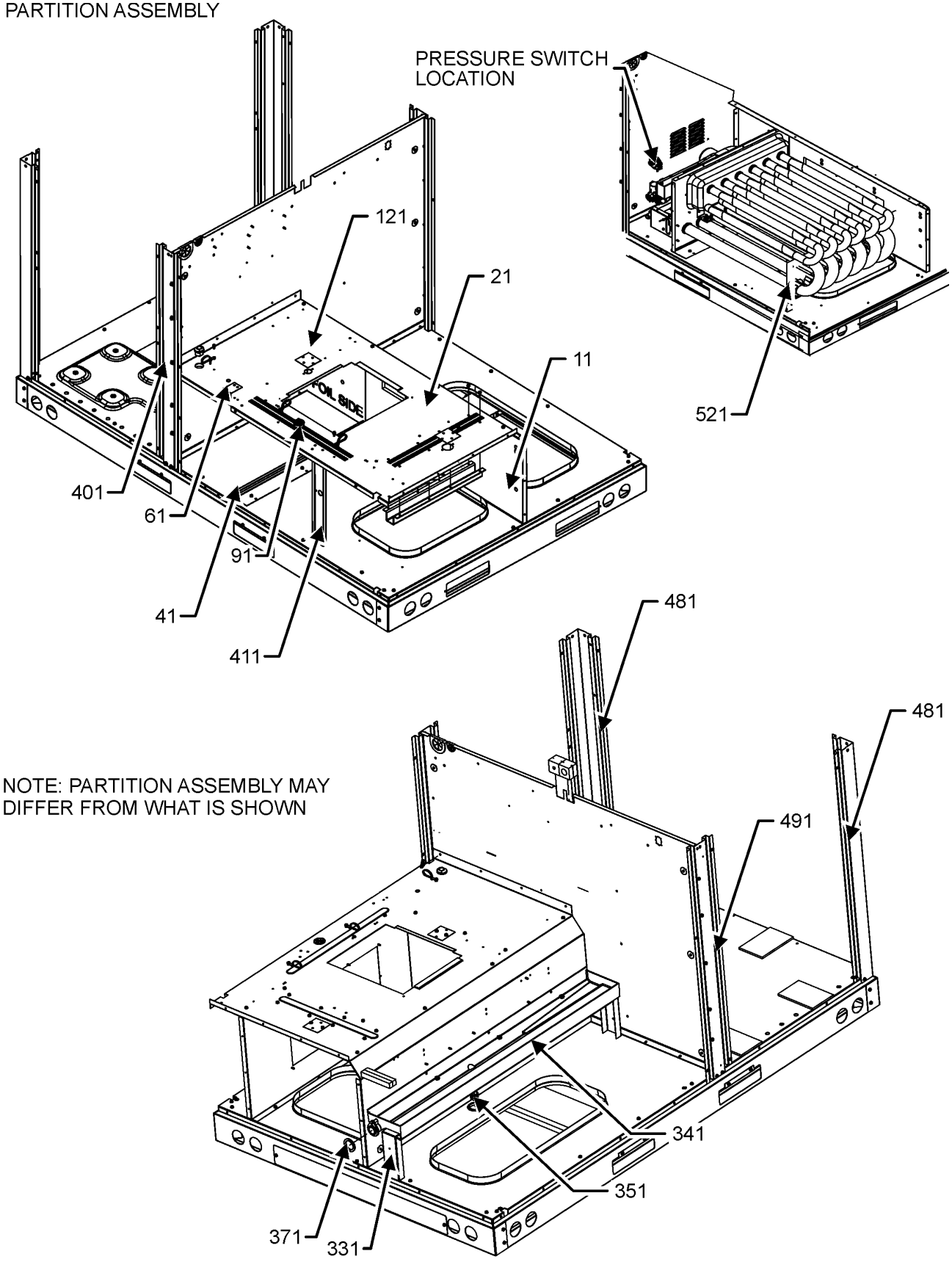
Ref. No:	Part No:	Description:
Image 1:		
11	0121L01626SB	PAINTED, TOP PANEL (M1, M2, M3, M4)
21	0131M00919	MOTOR (M5, M6)
21	0131M00804	MOTOR, ECM (M1, M2, M3, M4)
31	0163M00006P	ACORN NUT 5/16 HEX BLACK (M1, M2, M3, M4)
31	B1393024	LOCK NUT (M5, M6)
41	0152G00000	FAN GRILLE, RAISED
51	0161R00124	CONDUIT (M1, M2, M3, M4)
61	10625733	BLADE-FAN 22" ALUM CCW
71	0161R00048	MOLDED RING-VENTURI 22
81	0163M00004	SCREW #10X3/4", BLACK (QTY 8)
111	0130M00732	SWITCH, LOW PRESSURE
121	0162R00056	FILTER/DRIER-BI-FLOW
131	0130M00730	SWITCH, HIGH PRESSURE
141	0121L04850	RAIL, SIDE (QTY 2)
151	0130M00583	FREEZE STAT
151	0121L01621	SMALL END RAIL
171	0121L03855	OUTDOOR BASEPAN
201	0201L00516	ASSY., COIL SLAB CIRCUIT
211	0202L00727	ID COIL TUBING ASSEMBLY
301	B1339533	COMPRESSOR GROMMET (QTY 4)
311	B1393740	COMP BOLT & SLEEVE (QTY 4)
321	YPS51K1TPFVASC	COMPRESSOR (M1, M2)
321	YPS51K1TTF5ASC	COMPRESSOR (M3, M4)
321	YPS51K1TTFDASC	COMPRESSOR (M5, M6)
331	0159L00027	HARNESS-COMP SCROLL (M1, M2)
331	0159L00065	HARNESS-COMP SCROLL (M3, M4, M5, M6)
341	0159G00010	CABLE, COMPR SOL
NS	0141L00003X	BOARD-FORK (QTY 2)
NS	0163M00648	BOLT, CARRIAGE (M5, M6)
NS	0163L00338	BRACKET, MOTOR MOUNTING (M5, M6)
NS	0121L04776	END RAIL
NS	0251L00244	EXPANSION VALVE ASSEMBLY
NS	0163M00320	HEX HEAD ALL THREAD TAP BOLT (M1, M2, M3, M4)
NS	0163M00647	LOCKNUT, NYLON INSERT (M5, M6)
NS	0121L03516	PNL, BRACKET, FORK BOARD (QTY 4)
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (M1, M2, M3, M4)

Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



NOTE: PARTITION ASSEMBLY MAY
DIFFER FROM WHAT IS SHOWN

PARTITION ASSEMBLY

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

Image 1:

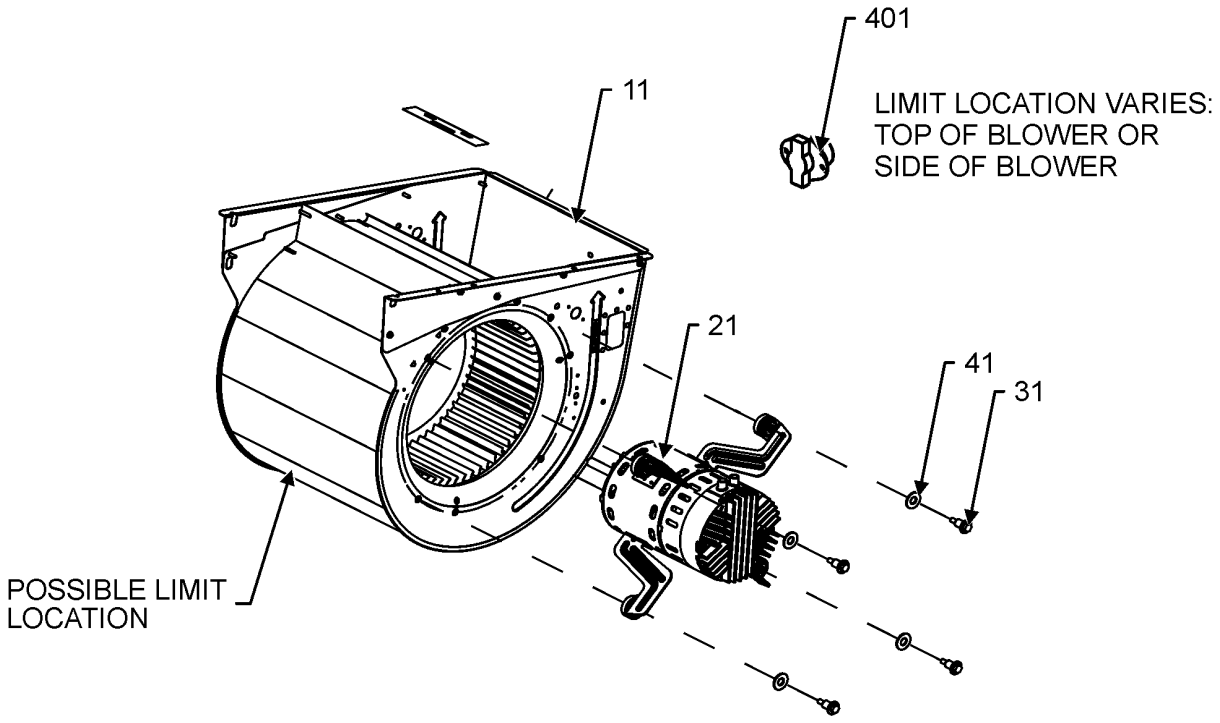
11	0121L05686	SIDE, BLOWER DECK
21	0121L05160	PANEL, BLOWER DECK
41	0121L00266	CHANNEL-HEAT PANEL (QTY 2)
61	0121L01709	BLOWER DECK PLATE
91	B1392147	UNIVERSIAL BUSHING WITH SLICE (QTY 2)
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)
331	0121L01628	DRAINPAN SUPPORT
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON
351	0163L00071	PLUG, DRAIN
371	0154L00180	GASKET, DRAIN PAN
401	0121L03445SB	PAINTED, SIDE POST
411	0121L00300	POST-DECK SUPPORT
481	0121L01625SB	POST, CORNER (QTY 2)
491	0121L04308SB	PAINTED, SIDE POST
521	0121L03320	BRACKET, TUBE SUPPORT
NS	0121L00293	ANGLE-HEAT EXCHANGER BACK (QTY 2)
NS	0121L03125	BRACKET, TUBE (QTY 6)
NS	0121L02935	BRACKET, TUBE SUPPORT
NS	0164M00111	GROMMET-D
NS	0164G00005	GROMMET-HORSESHOW 1.675
NS	0121L01811	HORIZONTAL SUPPORT (QTY 2)
NS	0121L04021	SIDE SUPPORT (QTY 2)

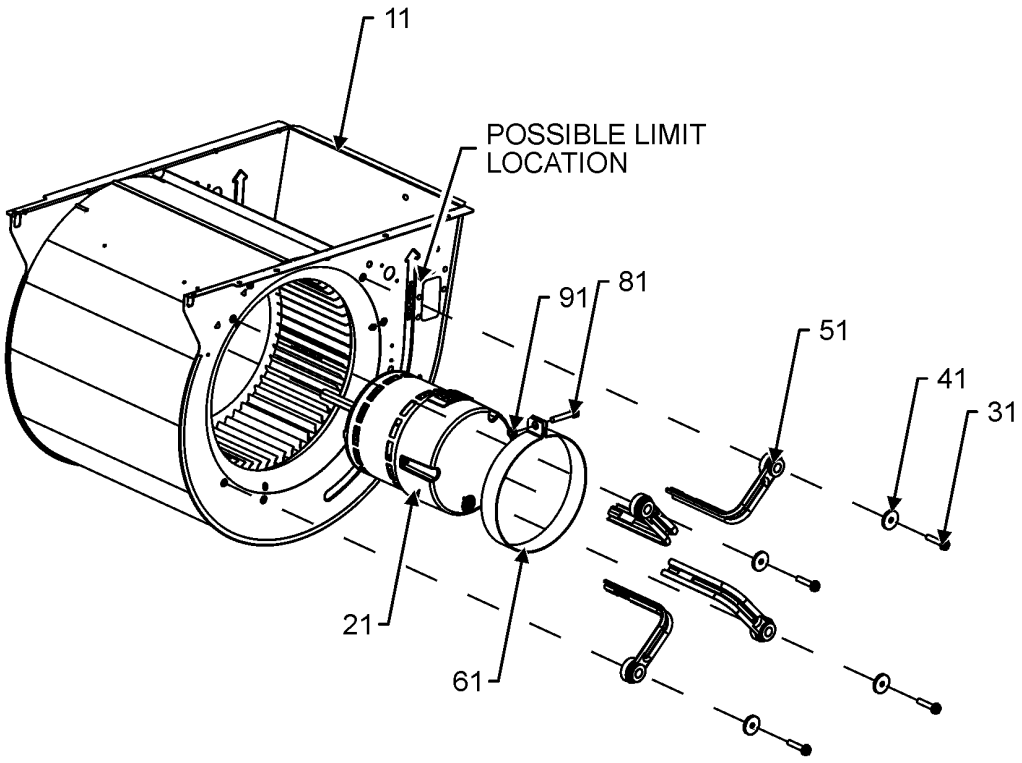
Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY





BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

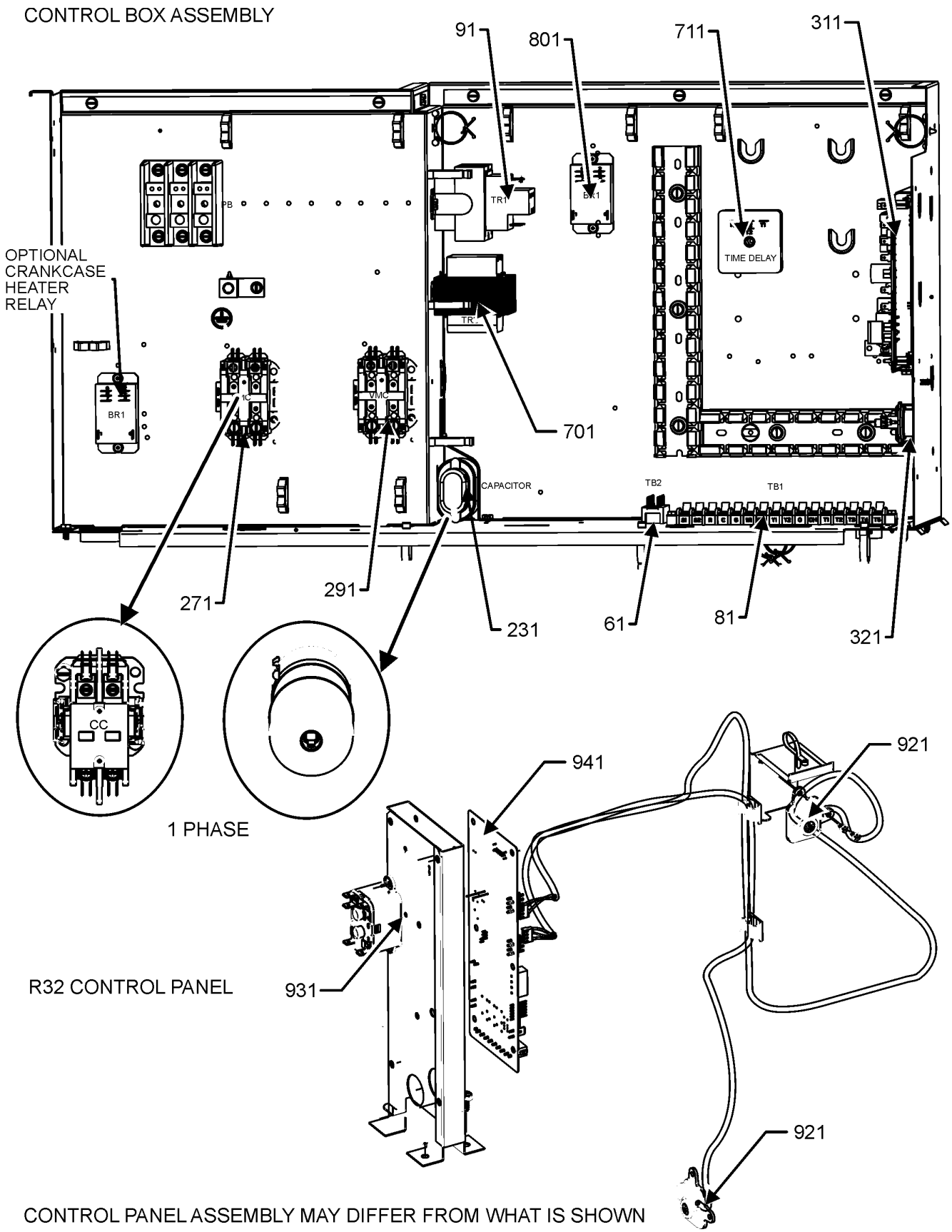
BLOWER ASSEMBLY

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
Image 1:					
11	0271L00133	ASSY HOUSING BLWR (M1, M2, M3, M4)			
11	0271L00137	ASSY., BLOWER HOUSING (M5, M6)			
21	0131L00687	MOTOR-PROGRAMMED (M1, M3)			
21	0131L00688	MOTOR-PROGRAMMED (M2, M4)			
21	0131L00697	MOTOR-PROGRAMMED (M6)			
21	0131L00698	MOTOR-PROGRAMMED (M5)			
31	M0250565	SCREW TC 1.25" (QTY 4)			
41	B1392918	WASHER FLAT 1/4 IDX1OD (QTY 8)			
51	0163A00008	MOTOR MOUTING ARM (M1, M2, M3, M4)			
61	10441601	BAND-MTR MOUNT (M1, M2, M3, M4)			
81	0163M00320	HEX HEAD ALL THREAD TAP BOLT (M1, M2, M3, M4)			
91	B1393800	LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2, M3, M4)			
401	20162904	LIMIT, PRIMARY			

Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA

CONTROL BOX ASSEMBLY



CONTROL BOX ASSEMBLY

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

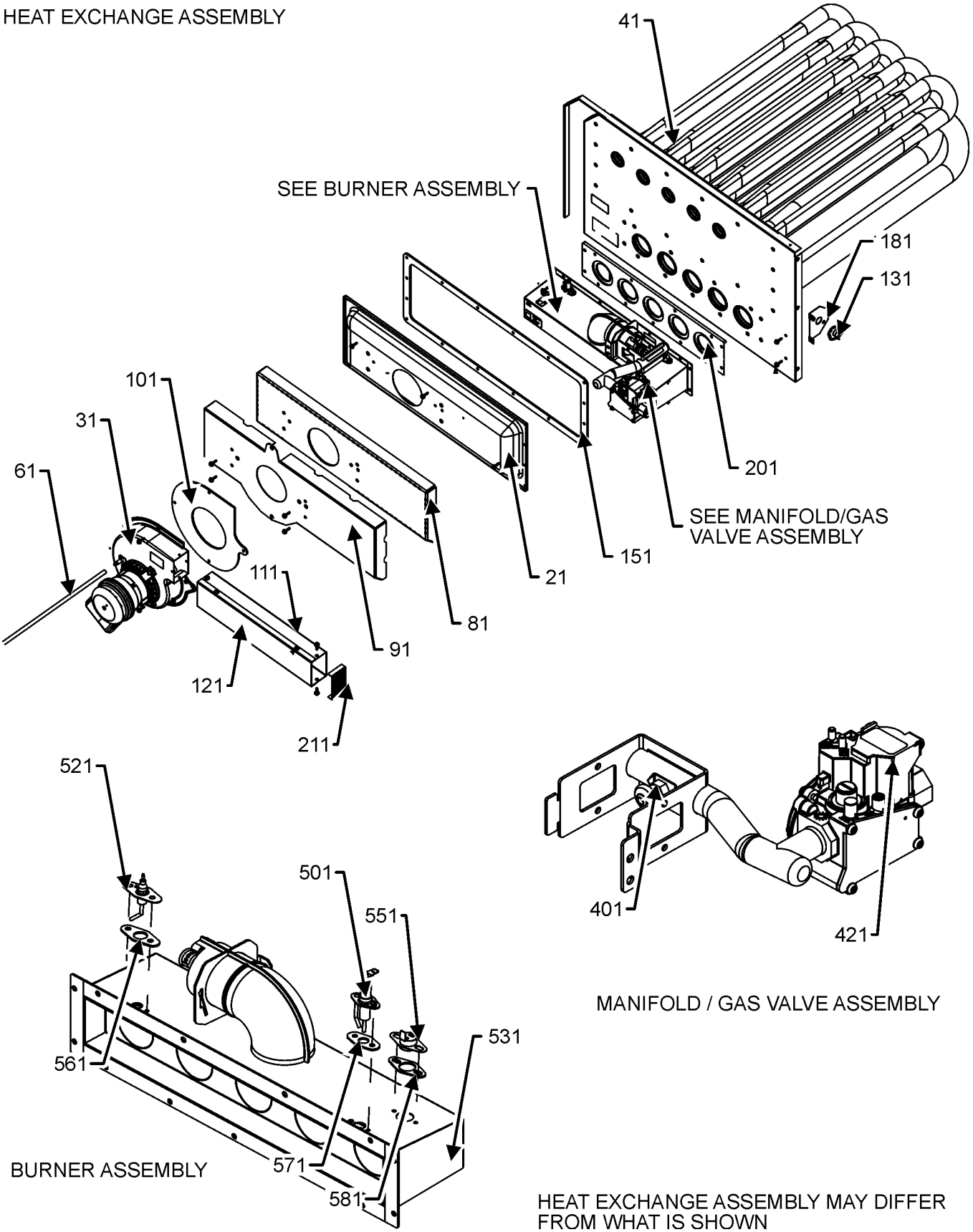
Image 1:

61	802007090	TERM BOARD
81	0130M00038	TERMINAL BOARD
91	0130M00859	TRANSFORMER
231	CAP400000440CS	CAP,40MFD/440V/SINGLERD (M1, M2)
271	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M1, M2)
271	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M3, M4, M5, M6)
291	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3, M4)
291	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M5, M6)
311	PCBBL216	INTEGRATED FURNACE CONTROLLER
321	0130M00695	TRANSDUCER PRESSURE
701	0130M00862	TRANSFORMER (M5, M6)
711	B1370772	TIME DELAY ICM 180 SEC DELAY
801	0130M00178	DPDT RELAY 24VAC
921	SER2A08012	SENSATA R32 SENSOR
931	10135604	RELAY
941	PCBCM301V0001	PCB CONTROL CIR HANDLER
NS	0130M00510	BLOCK, POWER (M1, M2)
NS	0130M00509	BLOCK,POWER (M3, M4, M5, M6)
NS	0164M00079	BOOT-CAPACITOR, ROUND (M1, M2)
NS	0130L00253	ID PLUG
NS	0130M00507	MOTOR POWER HARNESS (M1, M2, M3, M4)
NS	20520901	STRAP-CAPACITOR (QTY 6)
NS	0259L02254	WIRE HARNESS ASSY.
NS	0259L02255	WIRE HARNESS ASSY.

Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA

HEAT EXCHANGE ASSEMBLY



HEAT EXCHANGE ASSEMBLY

Ref. No:	Part No:	Description:
Image 1:		
21	0121L04338	BOX, COLLECTOR
31	0131M00972	MOTOR VENT
41	0270L01766	ASSY, PANEL, PARTITION/TUBE, 4 (M2, M4, M6)
41	0270L01767	ASSY, PANEL, PARTITION/TUBE, 5 (M1, M3)
61	0164M00114	HOSE PRESSURE SW 50"
81	0154L00226	GASKET
91	0121L04339	PLATE, ID BLOWER
101	0154L00214	GASKET ID BLOWER
111	0121L04340	FLUE-CHANNEL
121	0121L04341	FLUE-SIDE COVER
131	0130M00663	LIMIT, PRIMARY (M2, M4, M5, M6)
131	20162901	LIMIT, PRIMARY (M1, M3)
151	0154L00206	GASKET BOX COLLECTOR
181	0121L02859	BRACKET PRIMARY LIIMIT
201	0154F00107	GASKET, BRNR FRONT (M2, M4, M6)
201	0154F00108	GASKET, BRNR FRONT (M1, M3, M5)
211	0163L00072	SCREEN FLUE
401	0263L00005	ASSY., MANIFOLD (M2, M4, M6)
401	0263L00009	ASSY., MANIFOLD (M1, M3, M5)
421	0151M00098	36G VALVE ULN
501	0130M00817	IGNITOR,ULN SPARK ELECTRODE
521	0130F00762	FLAME SENSOR
531	0163L00267	BURNER ASSY, ULN LC 80 (M1, M3, M5)
531	0163G00016	BURNER, ULN (M2, M4, M6)
551	0130G00021	SWITCH, HIGH LIMIT, ULN (M1, M3, M5)
551	0130G00022	SWITCH, HIGH LIMIT, ULN (M2, M4)
551	0130G00025	SWITCH, HIGH LIMIT, ULN (M6)
561	0154F00068	GASKET ULN FLAME SENSOR
571	0154M00079	GASKET ULN IGNITOR
581	0154F00069	GASKET LIMIT ULN
NS	0130M00684	IGNITION MODULE

Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPSC*
RP-EHS(B/D)SC*
RP-EHX(B/D)SC*

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

Image 1:

NS	RP-FIOPS*	ACCESSORY RP MANUAL
NS	RP-EHS[B/D]S*	HEATER KIT RP MANUAL
NS	RP-EHX[B/D]SC*	HEATER KIT RP MANUAL
NS	RP-HXS*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DHG0601D100001FAA
M2 - DHG0601D800001FAA
M3 - DHG0603D100001FAA
M4 - DHG0603D800001FAA
M5 - DHG0604D100001FAA
M6 - DHG0604D800001FAA