REPAIR PARTS

DSC 5 Ton Commercial Package Cooling Unit

DSC0601D000001SAA
DSC0603D000001SAA
DSC0604D000001SAA
DSC0607D000001SAA



COMMERCIAL GRADE

This manual is to be used by qualified technicians only.

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Important Information

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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 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:
0251L00185	ASSY., EXPANSION VALVE R32
CAP100000440LA	CAP 10 MFD/440V/OVAL (M3)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M2)
CAB100800440CT	CAP, 10/80 MFD/440V RD - BPRF (M1)
CAP050000440LA	CAPACITOR (M4)
YP51K1TPFVASC	COMPRESSOR (M1)
YP51K1TTFEASC	COMPRESSOR (M4)
YP51K1TTFDASC	COMPRESSOR (M3)
YP51K1TTF5ASC	COMPRESSOR (M2)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M3, M4)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M2, M3, M4)
0130M00178	DPDT RELAY 24VAC
B1086765	FAN BLADE, TYPE 3
0131L00536	MOTOR - PROGRAMMED (M1, M2)
0131L00537	MOTOR - PROGRAMMED (M3, M4)
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2)
0131M00858	MOTOR, 1/3 HP, OD (M4)
0131M00774	MOTOR, 1/3 HP, OD (M3)
PCBCM301V0001	PCB CONTROL CIR HANDLER
10135604	RELAY
SER2A08012	SENSATA R32 SENSOR
0130M00730	SWITCH, HIGH PRESSURE
0130M00732	SWITCH, LOW PRESSURE
0130M00038	TERMINAL BOARD
B1370772	TIME DELAY (ICM) 180 SEC DEL
0130M00861	TRANSFORMER (M4)
0130M00859	TRANSFORMER (M1, M2, M3)

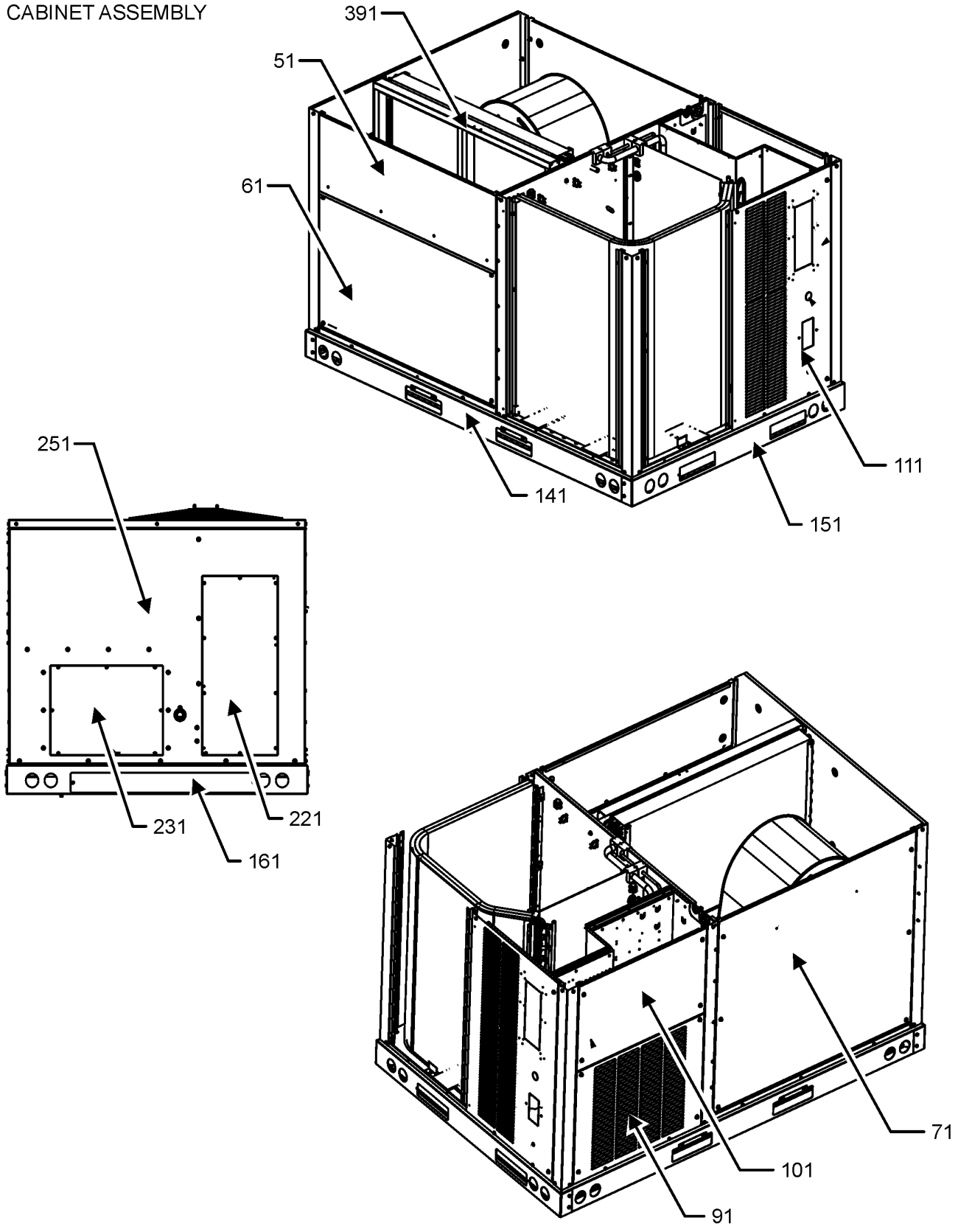
SPECIAL PARTS

RP-FIOPS*	ACCESSORY RP MANUAL
RP-EHX(D/B)*	HEATER KIT RP MANUAL
RP-EHS(D/B)*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DSC0601D000001SAA
M2 - DSC0603D000001SAA
M3 - DSC0604D000001SAA
M4 - DSC0607D000001SAA

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

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

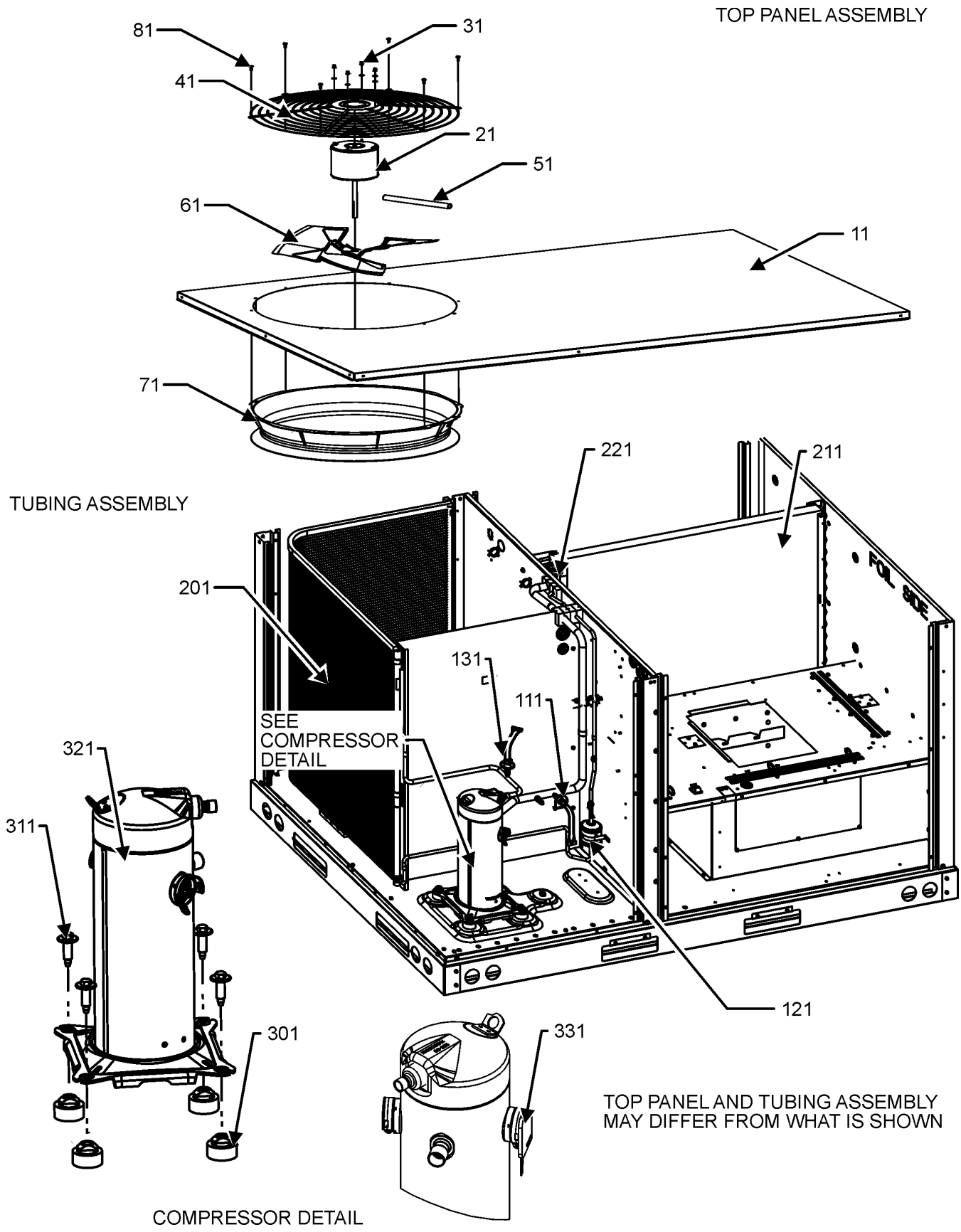
Image 1:

51	0121L01734SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L04851SB	PAINTED, PANEL, BLOWER
91	0121L02263SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03642SB	PAINTED, COMPRESSOR BACK PANEL
141	0121L04850	RAIL, SIDE (QTY 2)
151	0121L01621	SMALL END RAIL
161	0121L04776	END RAIL
221	0121L02910SB	PAINTED COVER-DUCT RETURN
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY
251	0121L02996SB	PAINTED BACK PANEL
391	0270L01635	ASSY FILTER HOLDER
NS	0160L00137	AIR FILTER (QTY 2)

Expanded Model Nomenclature

M1 - DSC0601D000001SAA
M2 - DSC0603D000001SAA
M3 - DSC0604D000001SAA
M4 - DSC0607D000001SAA

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY

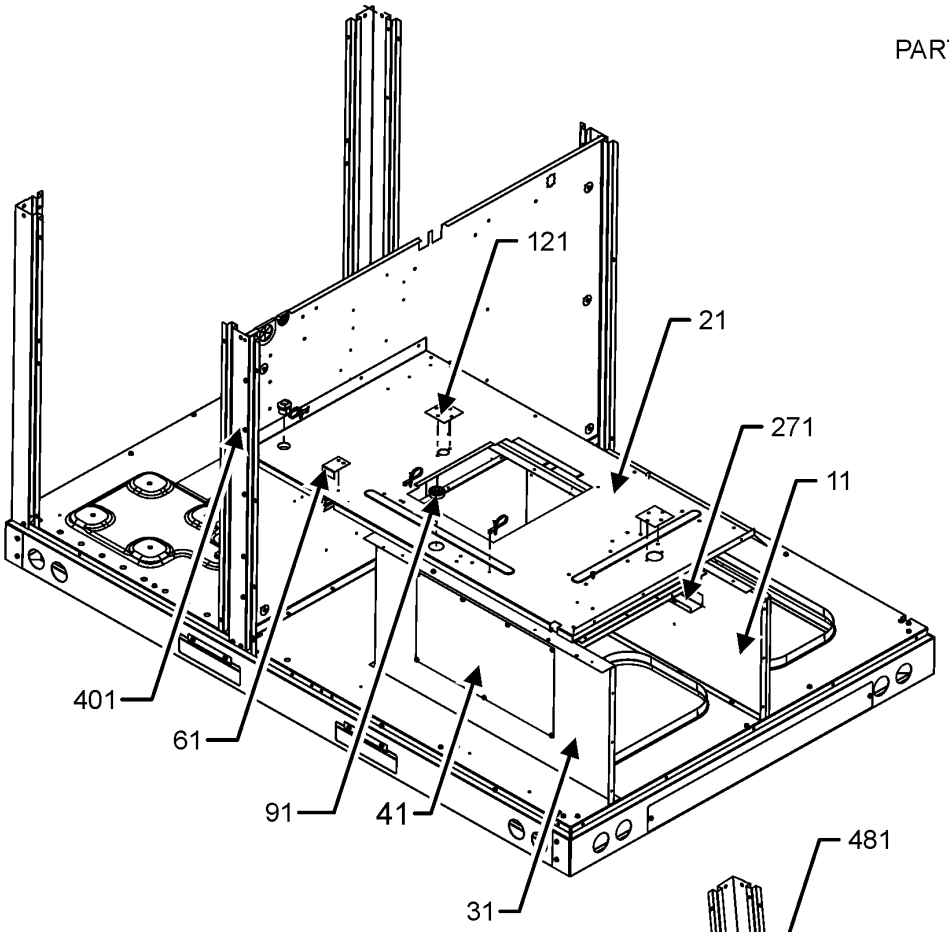
Ref. No:	Part No:	Description:
Image 1:		
11	0121L01626SB	PAINTED, TOP PANEL
21	0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2)
21	0131M00774	MOTOR, 1/3 HP, OD (M3)
21	0131M00858	MOTOR, 1/3 HP, OD (M4)
31	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000	FAN GRILLE, RAISED
51	0161R00124	CONDUIT
61	B1086765	FAN BLADE, TYPE 3
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
201	0201L00781	ASSY., . COIL BEND
211	0202L00674	ID. COIL, TUBING ASSEMBLY
221	0251L00185	ASSY., EXPANSION VALVE R32
301	B1339533	COMPRESSOR GROMMET (QTY 4)
311	B1393740	COMP. BOLT & SLEEVE (QTY 4)
321	YP51K1TPFVASC	COMPRESSOR (M1)
321	YP51K1TTF5ASC	COMPRESSOR (M2)
321	YP51K1TTFDASC	COMPRESSOR (M3)
321	YP51K1TTFEASC	COMPRESSOR (M4)
331	0159L00065	HARNESS, COMP SCROLL (M2, M3, M4)
331	0159L00027	HARNESS-COMP SCROLL (M1)
NS	0141L00003X	BOARD-FORK (QTY 2)
NS	0121L03516	PNL, BRACKET, FORK BOARD (QTY 4)
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)

Expanded Model Nomenclature

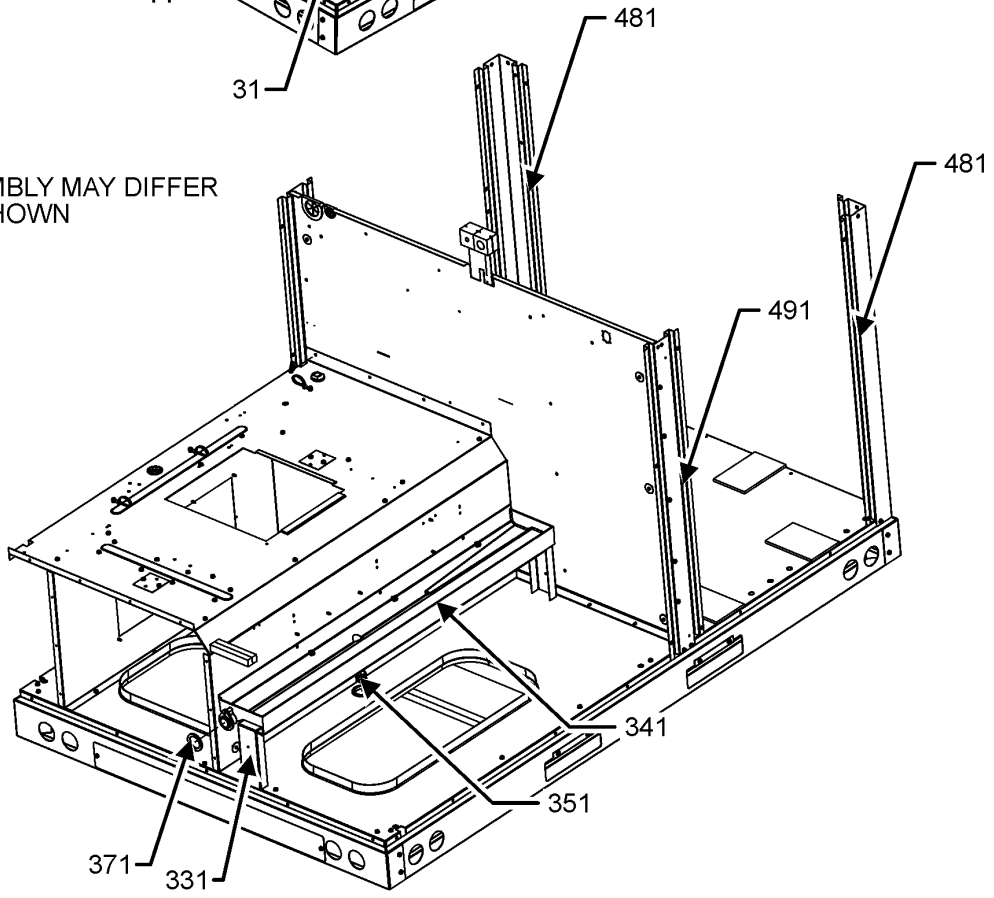
M1 - DSC0601D000001SAA
M2 - DSC0603D000001SAA
M3 - DSC0604D000001SAA
M4 - DSC0607D000001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



PARTITION ASSEMBLY MAY DIFFER
FROM WHAT IS SHOWN



PARTITION ASSEMBLY

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

Image 1:

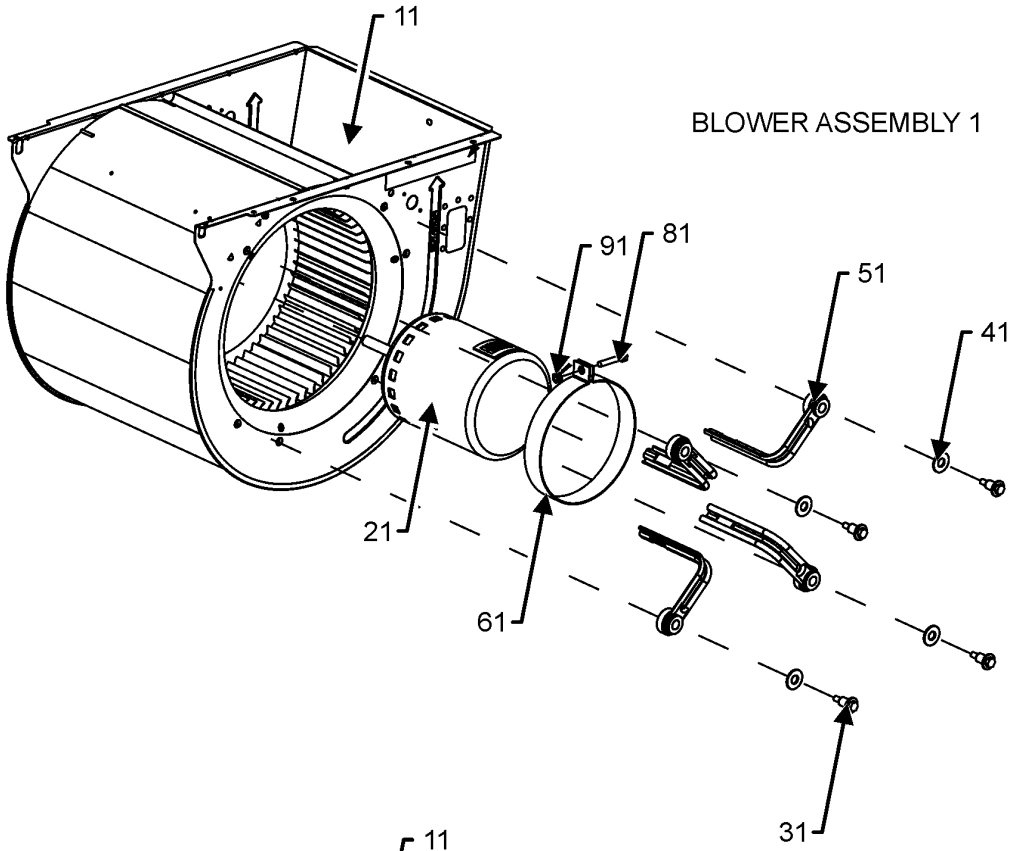
11	0121L05068	BLOWER DECK SIDE
21	0121L05160	PANEL, BLOWER DECK
31	0121L04424	HEAT KIT BOX
41	0121L00144	COVER-ELECTRIC HEAT
61	0121L01709	BLOWER DECK PLATE
91	B1392147	UNIVERSIAL BUSHING WITH SLICE
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)
271	0121L02633	BLOWER DECK U-BRACKET
331	0121L02985	DRAINPAN SUPPORT
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON
351	0163L00071	PLUG, DRAIN
371	0154L00180	GASKET, DRAIN PAN
401	0121L03442SB	PAINTED, SIDE POST
481	0121L01728SB	PAINTED CORNER POST (QTY 2)
491	0121L04180SB	PAINTED, SIDE POST
NS	0164M00111	GROMMET-D
NS	0164G00005	GROMMET-HORSESHOW 1.675
NS	0121L03515	RETAINER - ELECTRIC HEAT

Expanded Model Nomenclature

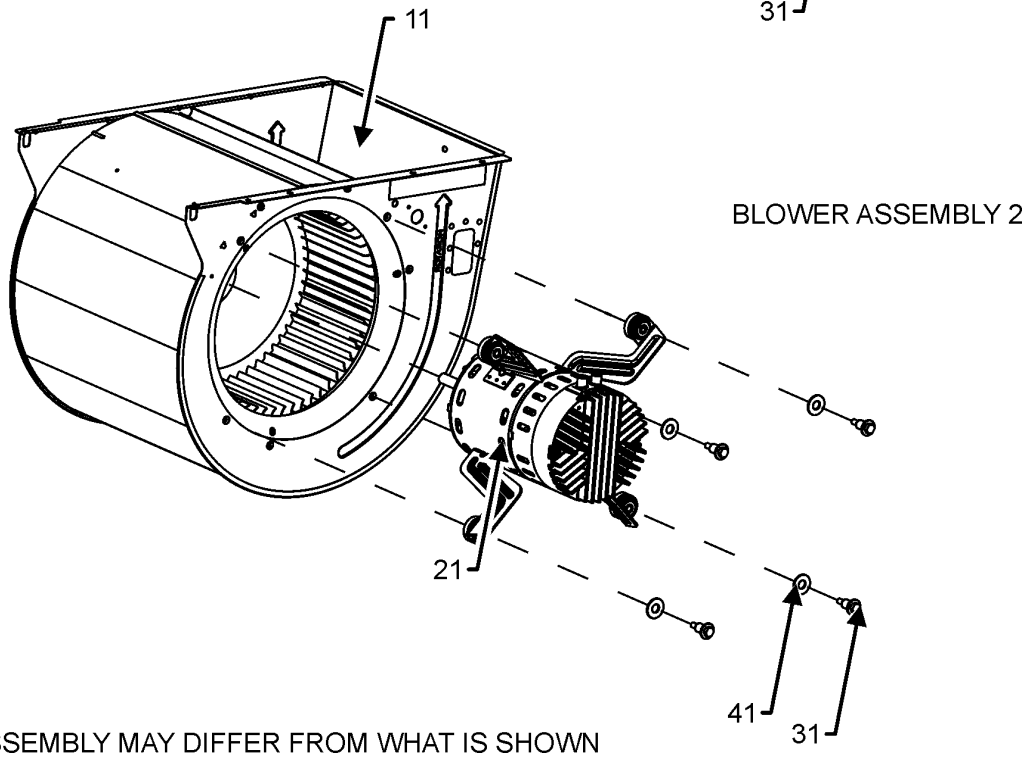
M1 - DSC0601D000001SAA
M2 - DSC0603D000001SAA
M3 - DSC0604D000001SAA
M4 - DSC0607D000001SAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY



BLOWER ASSEMBLY 1



BLOWER ASSEMBLY 2

BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

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

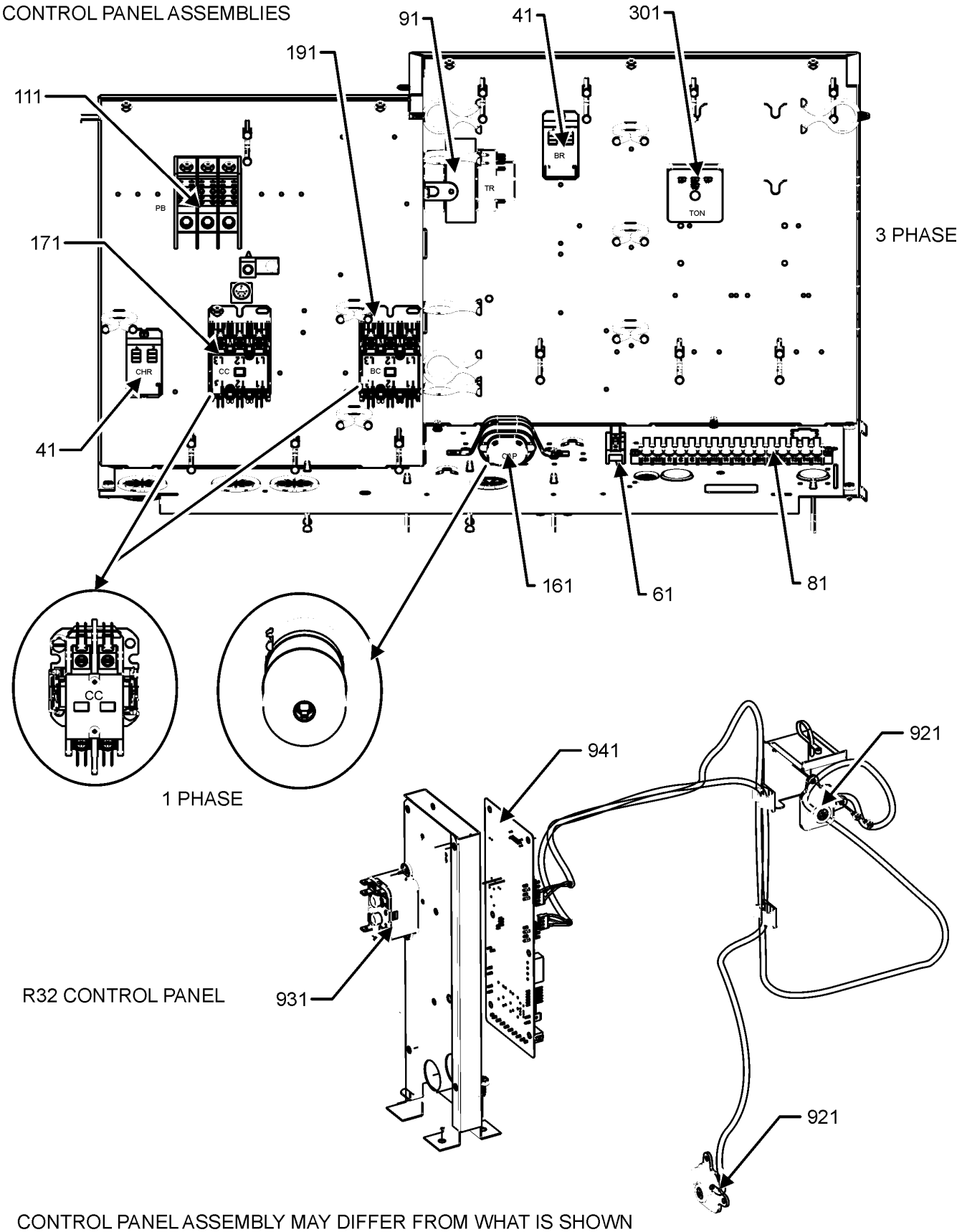
Image 1:

11	0271L00133	ASSY., BLOWER HOUSING (M1, M2)
11	0271L00137	ASSY., BLOWER HOUSING (M3, M4)
21	0131L00536	MOTOR - PROGRAMMED (M1, M2)
21	0131L00537	MOTOR - PROGRAMMED (M3, M4)
31	M0250565	SCREW-TC 1.25" (QTY 4)
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 4)
51	0163A00008	MOTOR MOUNTING ARM (M1, M2)
61	10441601	BAND-MTR MOUNT (M1, M2)
81	0163M00320	HEX HEAD ALL THREAD TAP BOLT (M1, M2)
91	B1393800	LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2)

Expanded Model Nomenclature

M1 - DSC0601D000001SAA
M2 - DSC0603D000001SAA
M3 - DSC0604D000001SAA
M4 - DSC0607D000001SAA

CONTROL PANEL ASSEMBLIES



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CONTROL PANEL ASSEMBLIES

Ref. No:	Part No:	Description:
Image 1:		
41	0130M00178	DPDT RELAY 24VAC
61	802007090	TERM BOARD
81	0130M00038	TERMINAL BOARD
91	0130M00859	TRANSFORMER (M1, M2, M3)
91	0130M00861	TRANSFORMER (M4)
111	0130M00509	BLOCK, POWER (M2, M3, M4)
111	0130M00510	BLOCK, POWER (M1)
161	CAP100000440LA	CAP 10 MFD/440V/OVAL (M3)
161	CAP100000370LA	CAP, 10 MFD/370V/OVAL (M2)
161	CAB100800440CT	CAP, 10/80 MFD/440V RD - BPRF (M1)
161	CAP050000440LA	CAPACITOR (M4)
171	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1)
171	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M2, M3, M4)
191	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2)
191	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M3, M4)
301	B1370772	TIME DELAY (ICM) 180 SEC DEL
921	SER2A08012	SENSATA R32 SENSOR
931	10135604	RELAY
941	PCBCM301V0001	PCB CONTROL CIR HANDLER
NS	0164M00127	BOOT, CAPACITOR (M2, M3, M4)
NS	0164M00079	BOOT-CAPACITOR, ROUND (M1)
NS	0130M00507	MOTOR POWER HARNESS (M1, M2)
NS	20520901	STRAP-CAPACITOR
NS	0259L00682	WIRE HARNESS ASSY.

Expanded Model Nomenclature

M1 - DSC0601D000001SAA
M2 - DSC0603D000001SAA
M3 - DSC0604D000001SAA
M4 - DSC0607D000001SAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPSC*
RP-EHS[D/B]SC*
RP-EHX[D/B]SC*

ACCESSORY PARTS

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

Image 1:

NS	RP-FIOPS*	ACCESSORY RP MANUAL
NS	RP-EHS(D/B)*	HEATER KIT RP MANUAL
NS	RP-EHX(D/B)*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DSC0601D000001SAA
M2 - DSC0603D000001SAA
M3 - DSC0604D000001SAA
M4 - DSC0607D000001SAA