

DHC 6 Ton Commercial Package Cooling Unit

DHC0723D000001SAA

DHC0724D000001SAA

DHC0727D000001SAA



This manual is to be used by qualified technicians only.

Important Information

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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:

0159G00010	CABLE, COMPR SOL
CAP100000440LA	CAP 10 MFD/440V/OVAL (M2)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1)
CAP050000440LA	CAPACITOR (M3)
YPS60K1TTF5ASC	COMPRESSOR (M1)
YPS60K1TTFDASC	COMPRESSOR (M2)
YPS60K1TTFEASC	COMPRESSOR (M3)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC
0130M00178	DPDT RELAY 24VAC (QTY 4)
0251L00247	EXPANSION VALVE ASSEMBLY
B1086765	FAN BLADE, TYPE 3
0130M00583	FREEZE STAT
0130L00209	HEATER, CRANKCASE 240V, 40W (M1)
0130L00211	HEATER, CRANKCASE 480V, 40W (M2)
0130L00213	HEATER, CRANKCASE 575V, 40W (M3)
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1)
0131M00774	MOTOR, 1/3 HP, OD (M2)
0131M00858	MOTOR, 1/3 HP, OD (M3)
PCBCM301V0001	PCB CONTROL CIR HANDLER
0131L00649	PROGRAM, MOTOR
10135604	RELAY
SER2A08012	SENSATA R32 SENSOR
0130M00199	SWITCH, CRANK CASE HEATER
0130M00730	SWITCH, HIGH PRESSURE
0130M00732	SWITCH, LOW PRESSURE
0130M00038	TERMINAL BOARD
B1370772	TIME DELAY (ICM) 180 SEC DEL
0130M00861	TRANSFORMER (M3)
0130M00859	TRANSFORMER (M1, M2)

SPECIAL PARTS

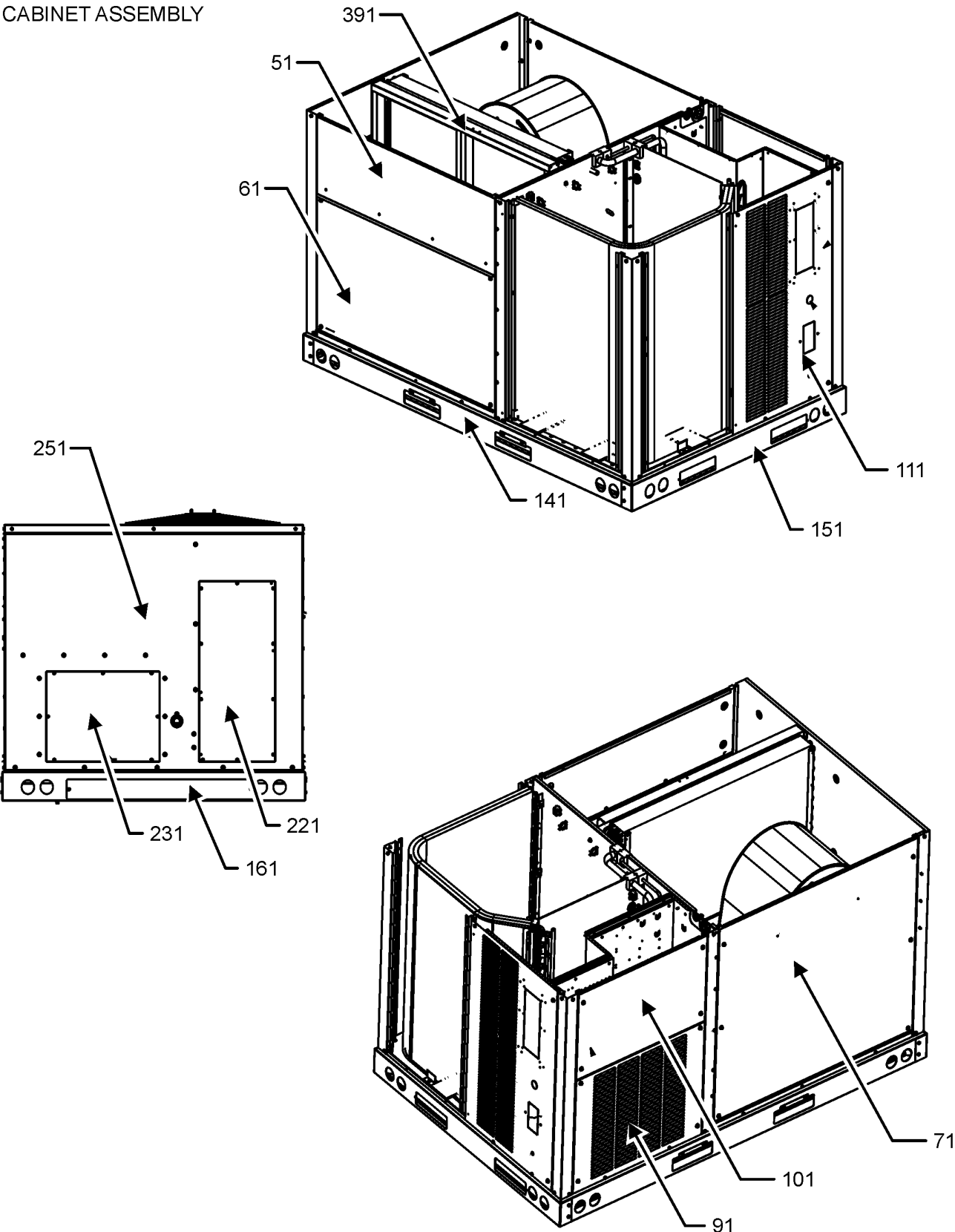
RP-FIOPS*	ACCESSORY RP MANUAL
RP-EHS(D/B)*	HEATER KIT RP MANUAL
RP-EHX(D/B)*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DHC0723D000001SAA M2 - DHC0724D000001SAA M3 - DHC0727D000001SAA
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CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

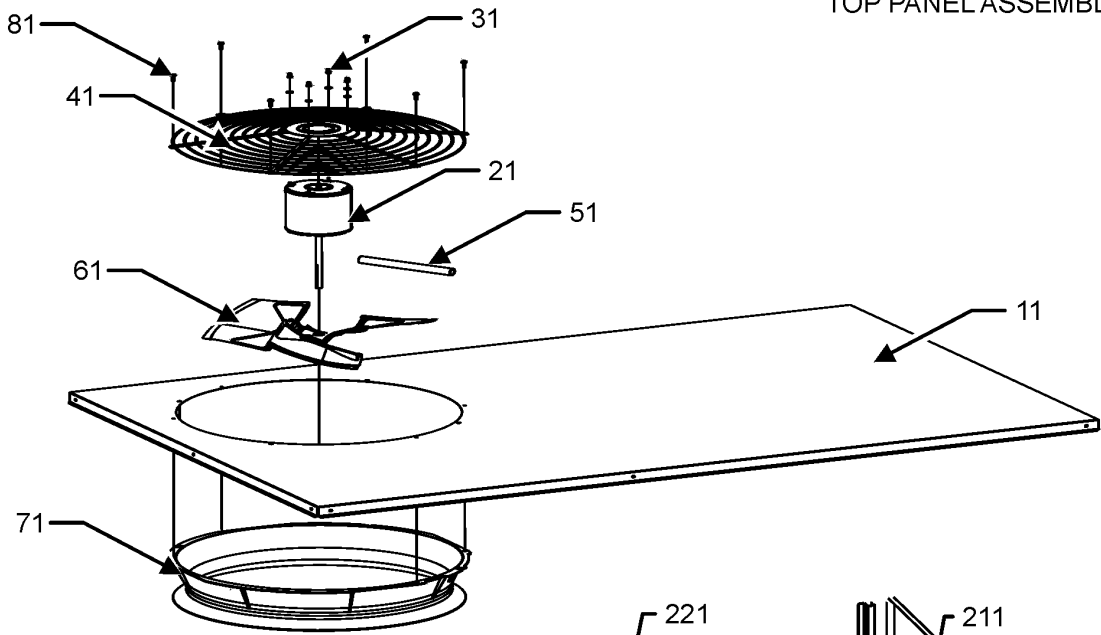
51	0121L01807SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L05042SB	PAINTED, PANEL, BLOWER
91	0121L02359SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03644SB	PAINTED, COMPRESSOR BACK PANEL
141	0121L04850	RAIL, SIDE (QTY 2)
151	0121L01621	SMALL END RAIL
161	0121L04776	END RAIL
221	0121L02910SB	PAINTED COVER-DUCT RETURN
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY
251	0121L05480SB	PAINTED DUCT PANEL
391	0270L01445	ASSY., FILTER HOLDER
NS	0160L00136	AIR FILTER (QTY 4)

Expanded Model Nomenclature

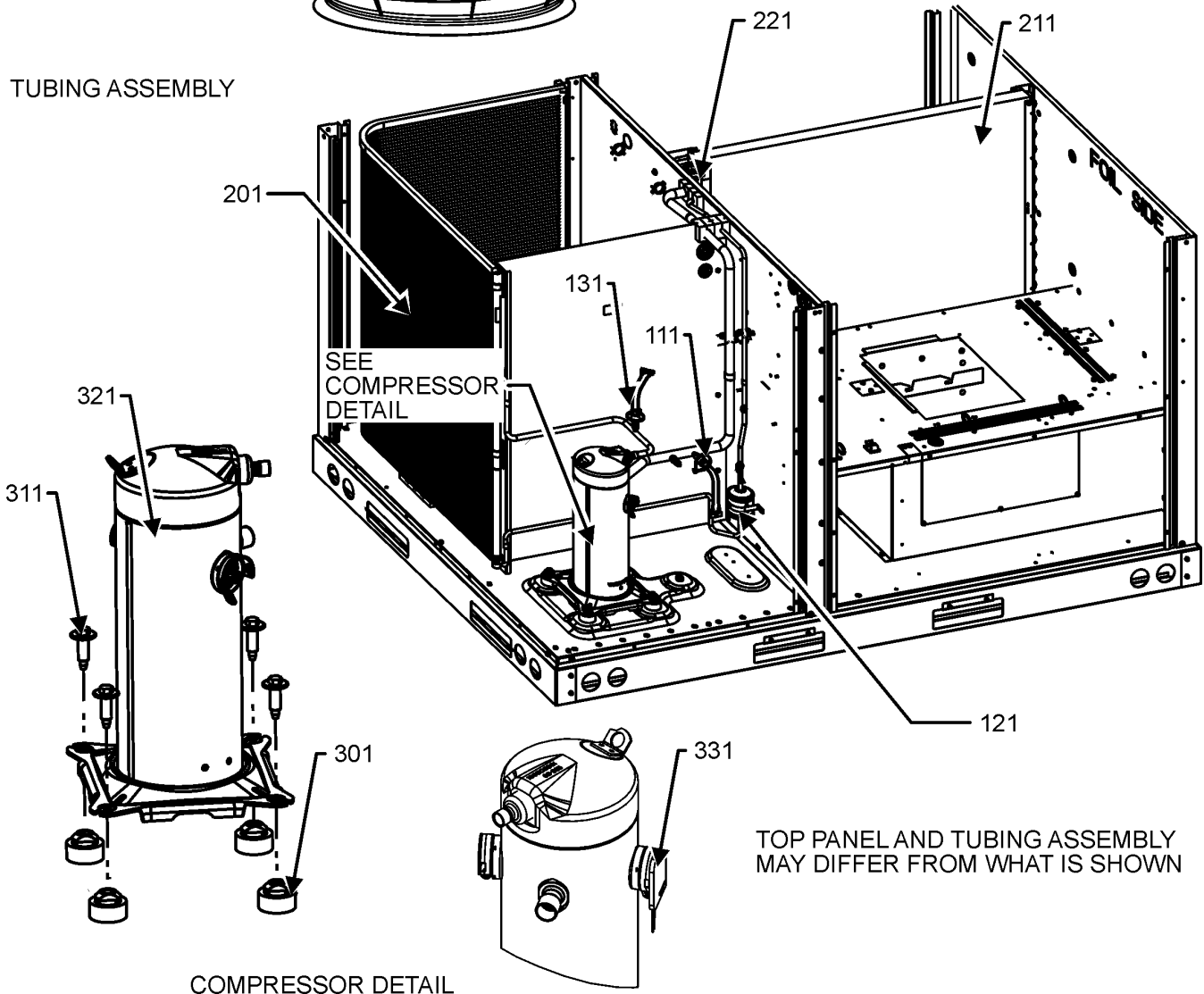
M1 - DHC0723D000001SAA
M2 - DHC0724D000001SAA
M3 - DHC0727D000001SAA

TOP PANEL AND TUBING ASSEMBLY

TOP PANEL ASSEMBLY



TUBING ASSEMBLY



COMPRESSOR DETAIL

TOP PANEL AND TUBING ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L01626SB		PAINTED, TOP PANEL
21	0131M00430		MOTOR, 1/3 HP, 1 SP, 6 PL (M1)
21	0131M00774		MOTOR, 1/3 HP, OD (M2)
21	0131M00858		MOTOR, 1/3 HP, OD (M3)
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	0201L01029		OD COIL TUBING ASSEMBLY
211	0202L00729		ID COIL TUBING ASSEMBLY
221	0130M00583		FREEZE STAT
301	B1339533		COMPRESSOR GROMMET (QTY 4)
311	B1393740		COMP. BOLT & SLEEVE (QTY 4)
321	YPS60K1TTF5ASC		COMPRESSOR (M1)
321	YPS60K1TTFDASC		COMPRESSOR (M2)
321	YPS60K1TTFEASC		COMPRESSOR (M3)
331	0159L00065		HARNESS, COMP SCROLL
NS	0141L00003X		BOARD-FORK (QTY 2)
NS	0159G00010		CABLE, COMPR SOL
NS	0251L00247		EXPANSION VALVE ASSEMBLY
NS	0130L00209		HEATER, CRANKCASE 240V, 40W (M1)
NS	0130L00211		HEATER, CRANKCASE 480V, 40W (M2)
NS	0130L00213		HEATER, CRANKCASE 575V, 40W (M3)
NS	0121L03516		PNL, BRACKET, FORK BOARD (QTY 4)
NS	0130M00199		SWITCH, CRANK CASE HEATER
NS	0163M00005P		WASHER, BLACK (.50 OD .218ID) (QTY 4)

Expanded Model Nomenclature

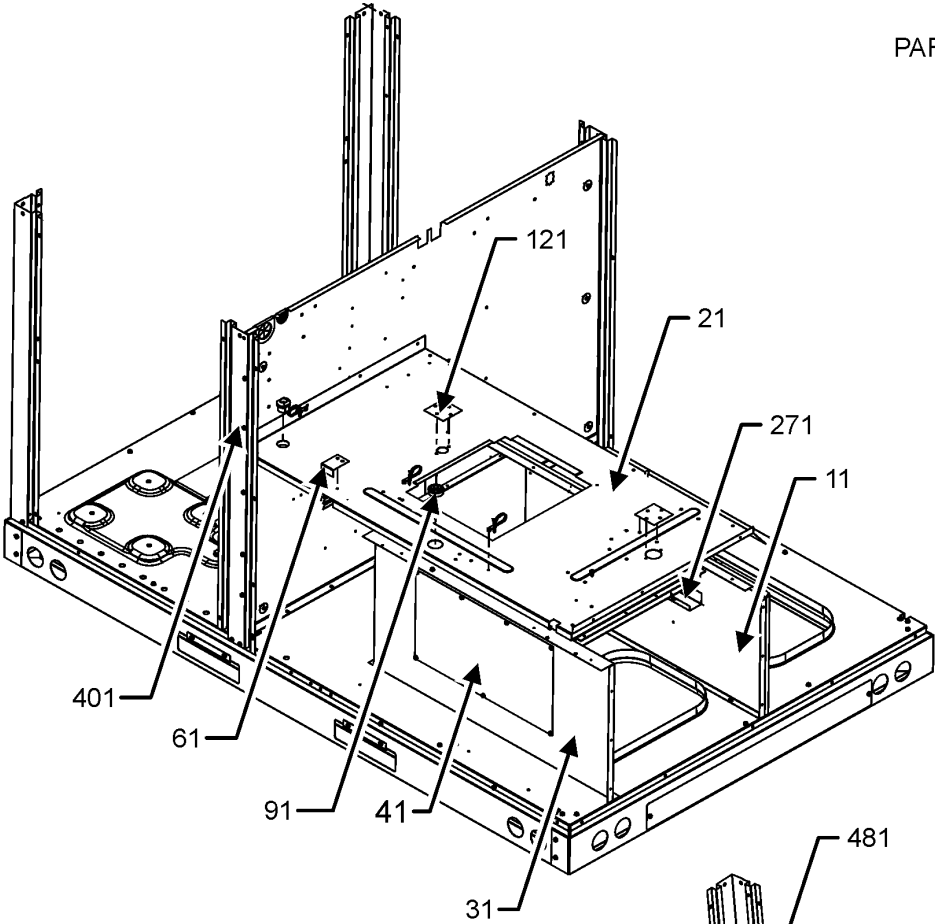
M1 - DHC0723D000001SAA

M2 - DHC0724D000001SAA

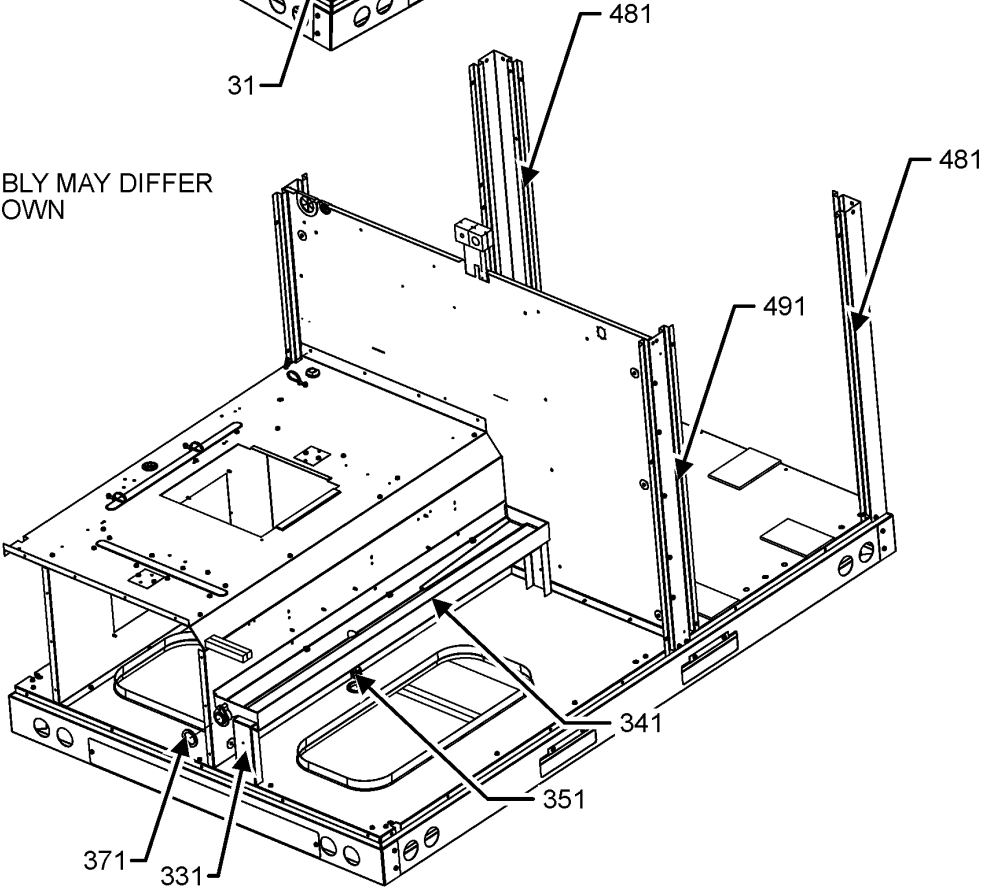
M3 - DHC0727D000001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



PARTITION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN



PARTITION ASSEMBLY

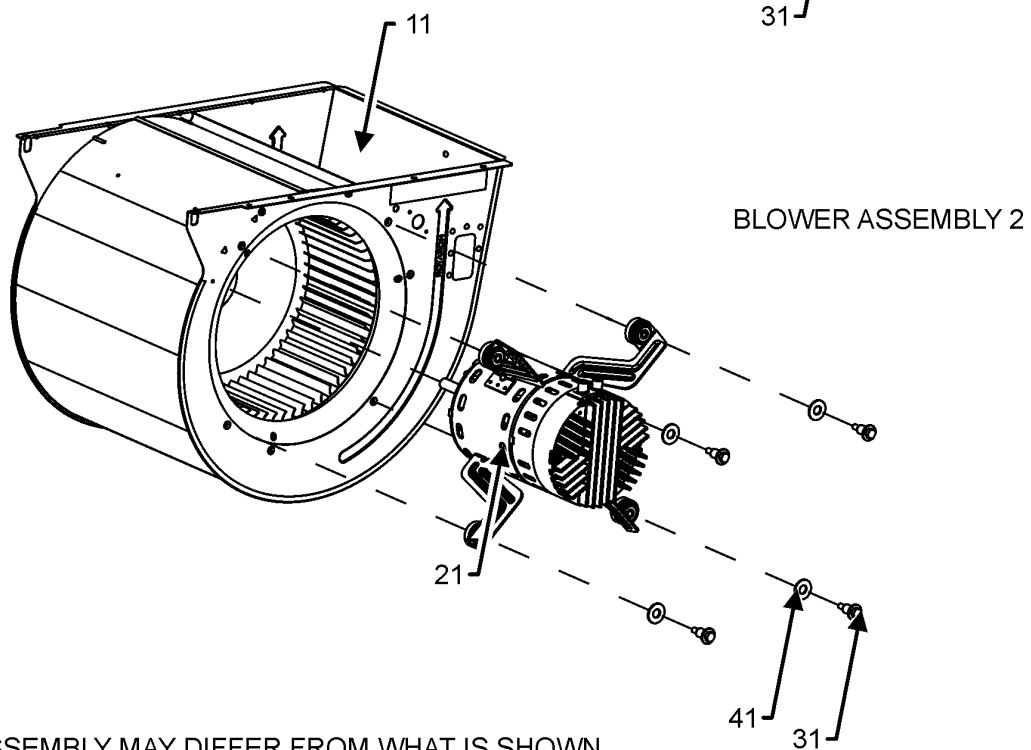
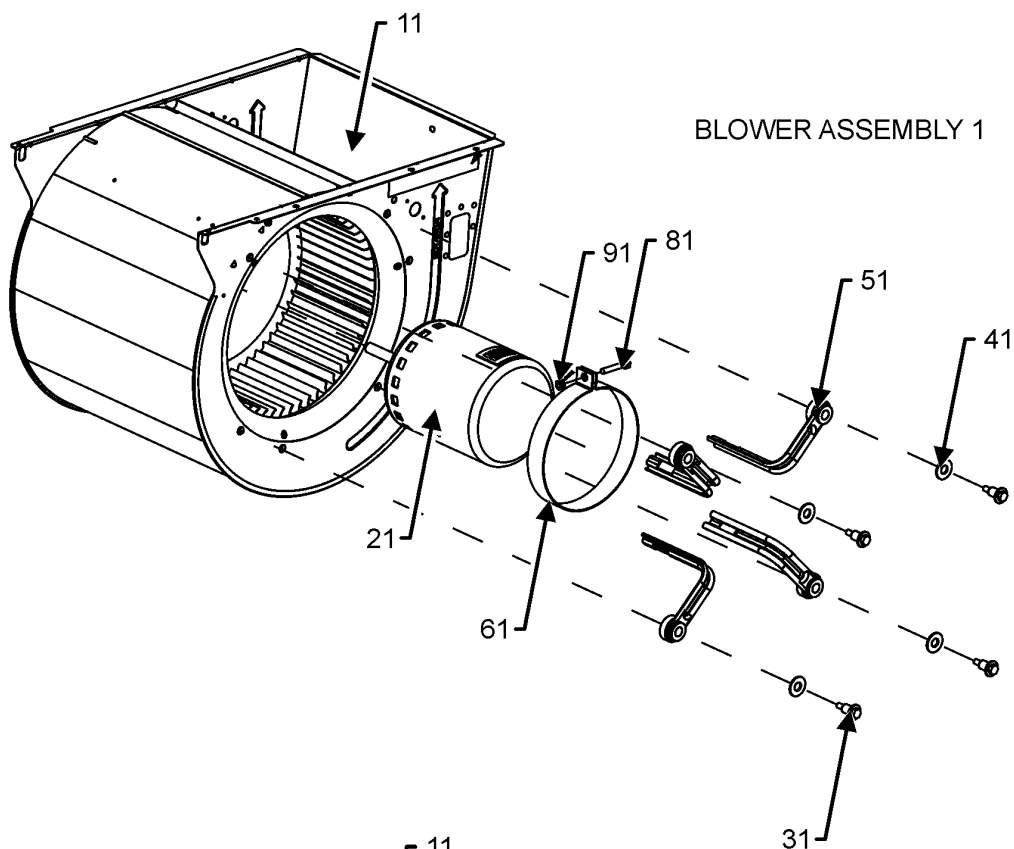
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L05686		SIDE, BLOWER DECK
21	0121L05160		PANEL, BLOWER DECK
31	0121L04424		HEAT KIT BOX
41	0121L00144		COVER-ELECTRIC HEAT
61	0121L01709		BLOWER DECK PLATE
91	B1392147		UNIVERSIAL BUSHING WITH SLICE
121	0121L00321		COVER-SMOKE 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	0121L05548SB		PAINTED POST, SIDE
481	0121L05547SB		PAINTED POST, CORNER (QTY 2)
491	0121L05549SB		PAINTED POST, SIDE
NS	0164M00111		GROMMET-D
NS	0164G00005		GROMMET-HORSESHOW 1.675
NS	0121L03515		RETAINER - ELECTRIC HEAT

Expanded Model Nomenclature

M1 - DHC0723D000001SAA
M2 - DHC0724D000001SAA
M3 - DHC0727D000001SAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

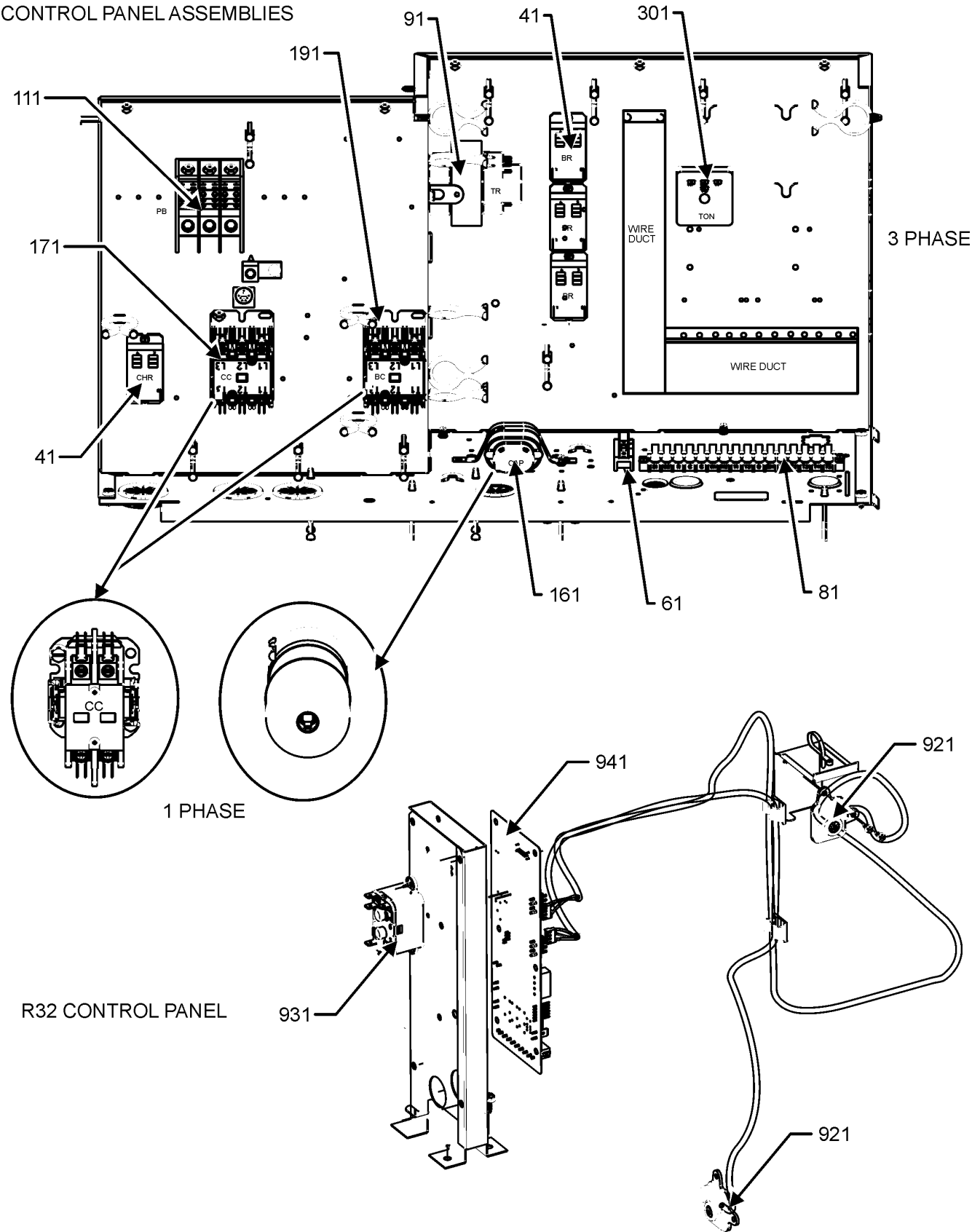
Image 1:

11	0271L00137	ASSY., BLOWER HOUSING
21	0131L00649	PROGRAM, MOTOR
31	M0250565	SCREW-TC 1.25" (QTY 4)
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 4)
91	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 4)

Expanded Model Nomenclature

M1 - DHC0723D000001SAA
M2 - DHC0724D000001SAA
M3 - DHC0727D000001SAA

CONTROL PANEL ASSEMBLIES



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CONTROL PANEL ASSEMBLIES

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
41	0130M00178		DPDT RELAY 24VAC (QTY 4)
61	802007090		TERM BOARD
81	0130M00038		TERMINAL BOARD
91	0130M00859		TRANSFORMER (M1, M2)
91	0130M00861		TRANSFORMER (M3)
111	0130M00509		BLOCK,POWER
161	CAP100000440LA		CAP 10 MFD/440V/OVAL (M2)
161	CAP100000370LA		CAP, 10 MFD/370V/OVAL (M1)
161	CAP050000440LA		CAPACITOR (M3)
171	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24 VAC
191	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24 VAC
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
NS	20520901		STRAP-CAPACITOR
NS	0259L00682		WIRE HARNESS ASSY.
NS	0259L02254		WIRE HARNESS ASSY.
NS	0259L02255		WIRE HARNESS ASSY.

Expanded Model Nomenclature

M1 - DHC0723D000001SAA
M2 - DHC0724D000001SAA
M3 - DHC0727D000001SAA

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. Part

No: No:

Description:

Ref. Part

No: 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 - DHC0723D000001SAA

M2 - DHC0724D000001SAA

M3 - DHC0727D000001SAA