

DBC 5 Ton Belt Drive Commercial Package Cooling Unit

DBC0603B000001SAA

DBC0604B000001SAA

DBC0607B000001SAA



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 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:

B1368056	BLOWER WHEEL
CAP100000440LA	CAP 10 MFD/440V/OVAL (M2)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1)
CAP050000440LA	CAPACITOR (M3)
ZP49K5ETFD130	COMP, 40700, 380/420/50/3 (M2)
ZP49K5ETF5130	COMP, 49000/208/230/60/3 (M1)
ZP49K5ETFE130	COMP, 49000/208/230/60/3 (M3)
CONT3P025024V	CONT, 3 POLE, 25 AMP, 24 VAC
CONT3P025024V	CONT, 3 POLE, 25 AMP, 24 VAC
CONT3P025024V	CONT, 3 POLE, 25 AMP, 24 VAC (M2, M3)
CONT3P030024V	CONT, 3 POLE, 30 AMP, 24 VAC (M1)
0150M00057	FAN BLADE 22"
0130M00280	HIGH PRESSURE SWITCH
0130M00087	LOW PRESSURE SWITCH
0131L00079	MOTOR, 1 HP BELT DRIVE (M3)
0131L00067	MOTOR, 1 HP BELT DRIVE (M1, M2)
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1)
0131M00774	MOTOR, 1/3 HP, OD (M2)
0131M00858	MOTOR, 1/3 HP, OD (M3)
PCBFM103	PCB, TIME DELAY, EBTDR
0130M00038	TERMINAL BOARD
B1370772	TIME DEALY (ICM) 180 SEC DELA
0130M00598	TRANSFMR, 75VA, 575V TO 24V (M3)
0130M00595	TRANSFORMER, 75VA, 480V TO 24V (M2)
B1141654	TRANSFORMER,208-240,75VA,RESET (M1)

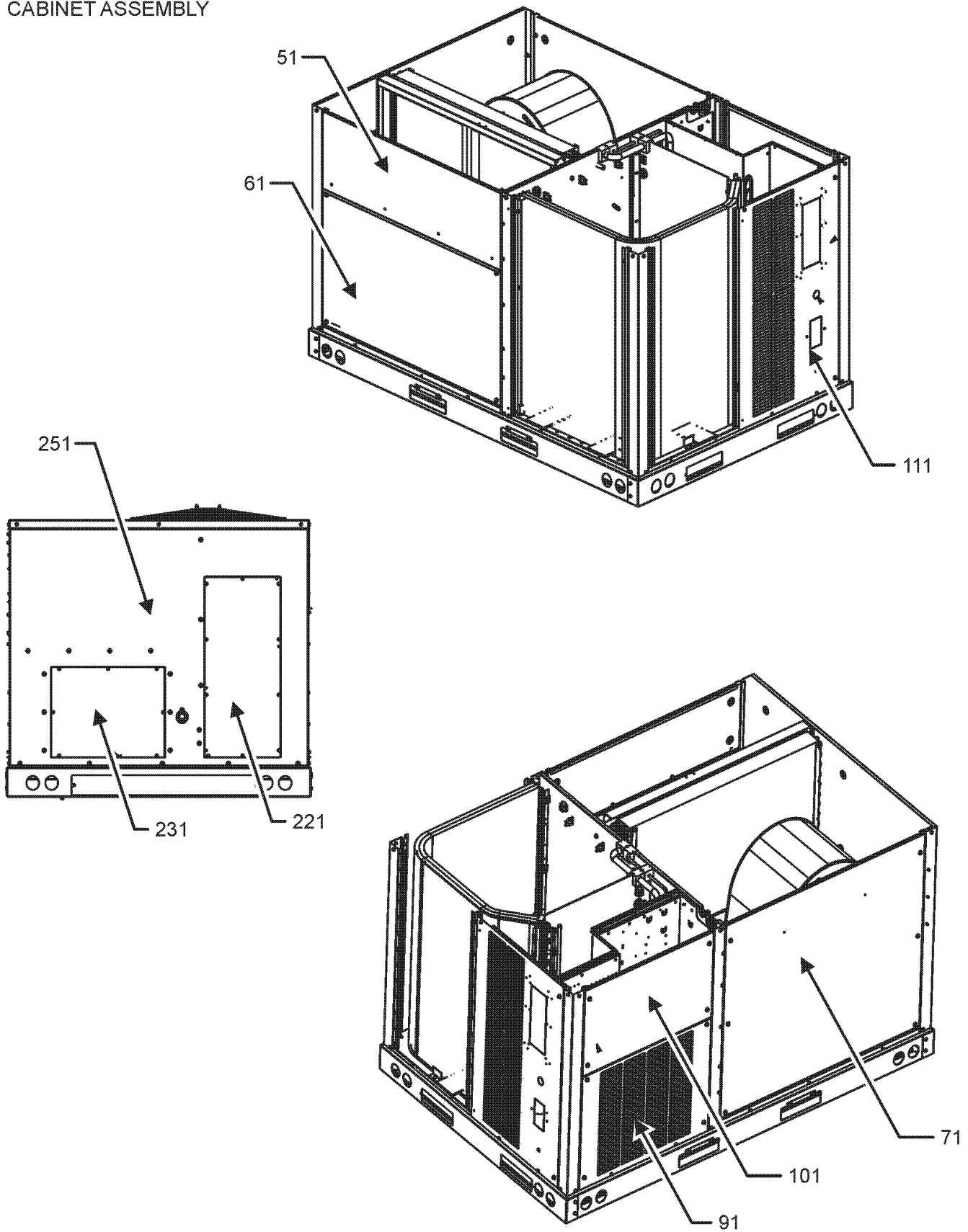
Expanded Model Nomenclature

M1 - DBC0603B000001SAA
M2 - DBC0604B000001SAA
M3 - DBC0607B000001SAA

RP-FIOPSC* ACCESSORY RP MANUAL

CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY

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

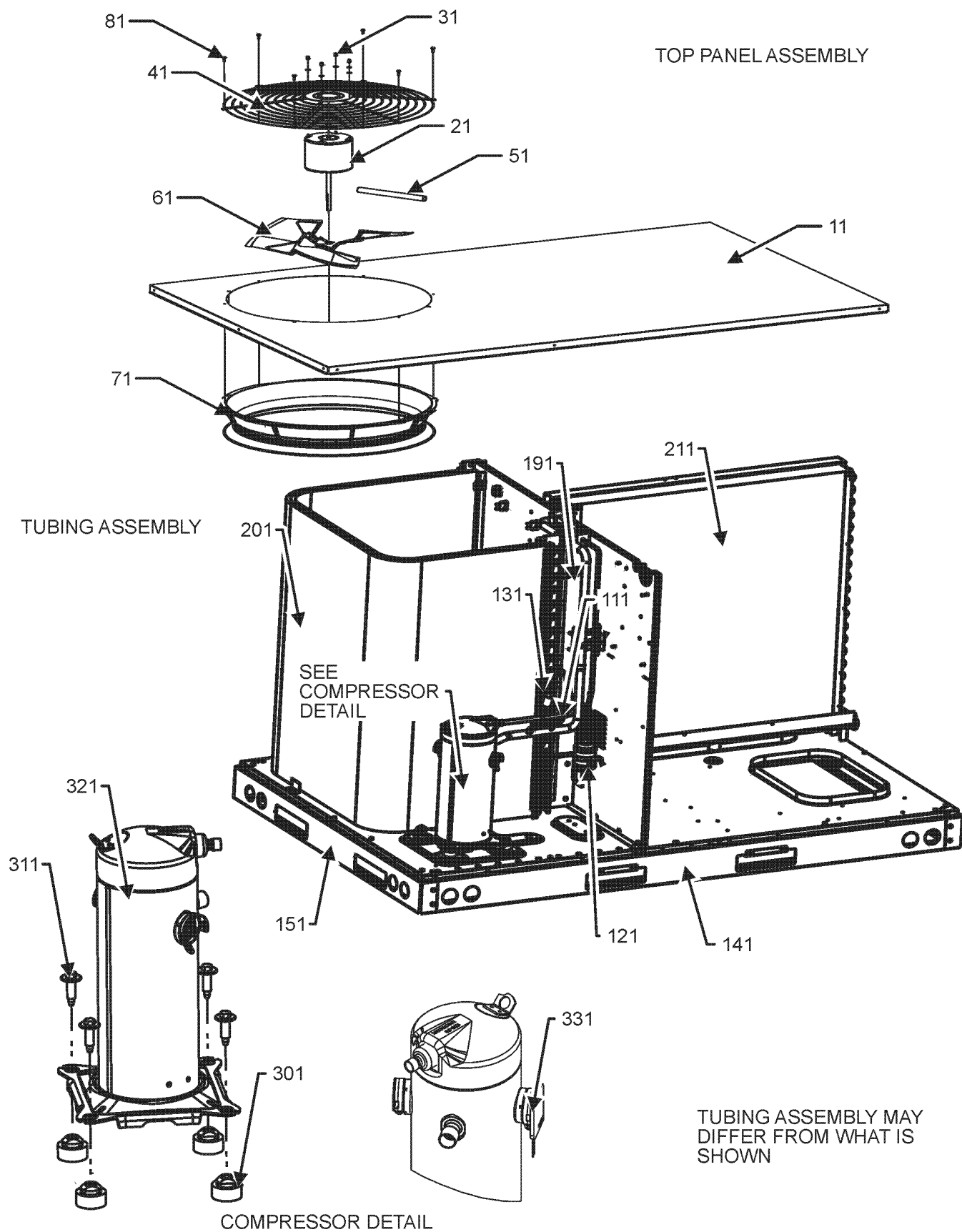
Image 1:

51	0121L01734SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L02261SB	PAINTED BLOWER PANEL
91	0121L02263SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03642SB	PAINTED, COMPRESSOR BACK PANEL
221	0121L02910SB	PAINTED COVER-DUCT RETURN
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY
251	0121L02996SB	PAINTED BACK PANEL

Expanded Model Nomenclature

M1 - DBC0603B000001SAA
M2 - DBC0604B000001SAA
M3 - DBC0607B000001SAA

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY

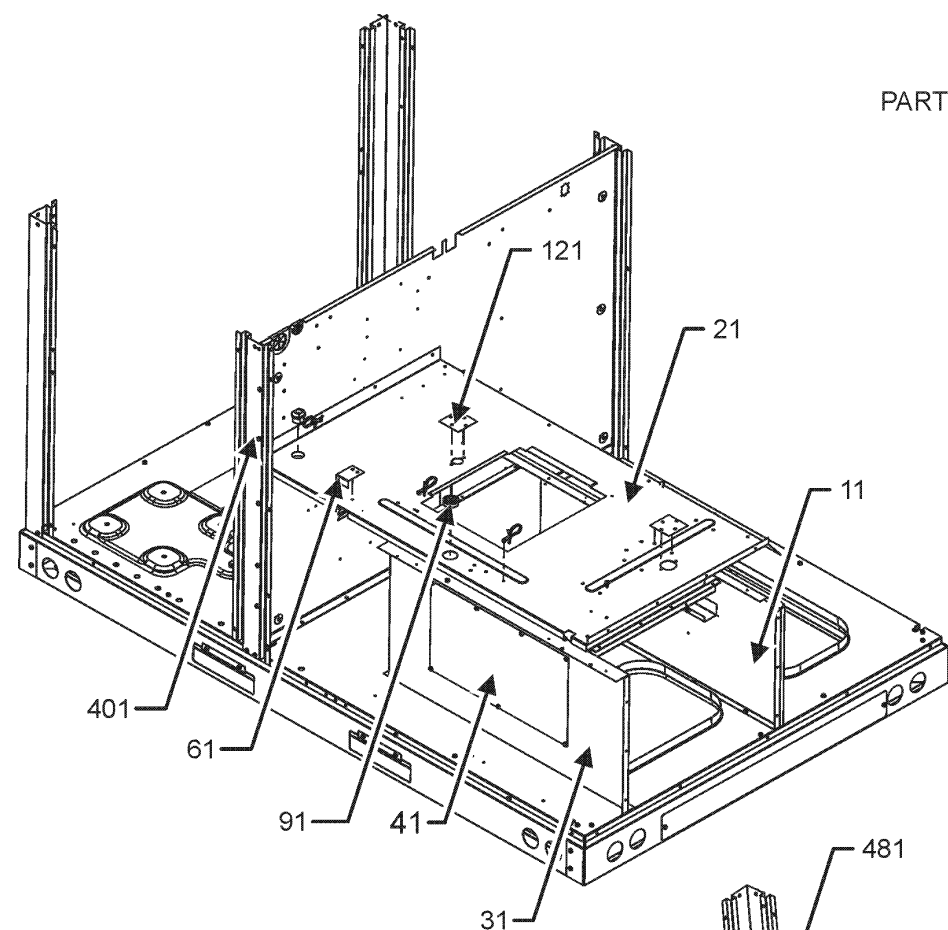
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L01626SB		PAINTED, TOP PANEL
21	0131M00430		MOTOR, 1/3 HP, 1 SP, 6 PL (M1)
21	0131M00774		MOTOR, 1/3 HP, OD (M2)
21	0131M00858		MOTOR, 1/3 HP, OD (M3)
31	0163M00006P		ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000		FAN GRILLE, RAISED
51	0161R00003P		CONDUIT
61	0150M00057		FAN BLADE 22"
71	0161L00000		RING VENTURI 22
81	0163M00004		SCREW #10X3/4", BLACK (QTY 8)
111	0130M00087		LOW PRESSURE SWITCH
121	20485201		FILTER/DRIER-BI-FLOW
131	0130M00280		HIGH PRESSURE SWITCH
141	0121L01620		SMALL SIDE RAIL (QTY 2)
151	0121L01621		SMALL END RAIL (QTY 2)
191	0121L03064		BLOCKOFF, OD COIL
201	0201L00572		ASSY. OD COIL TUBING
211	0202L00355		ASSY. EVAP TUBING
301	B1339533		COMPRESSOR GROMMET (QTY 4)
311	B1393740		COMP. BOLT & SLEEVE (QTY 4)
321	ZP49K5ETFD130		COMP, 40700, 380/420/50/3 (M2)
321	ZP49K5ETF5130		COMP, 49000/208/230/60/3 (M1)
321	ZP49K5ETFE130		COMP, 49000/208/230/60/3 (M3)
331	0159L00065		Harness, comp scroll
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

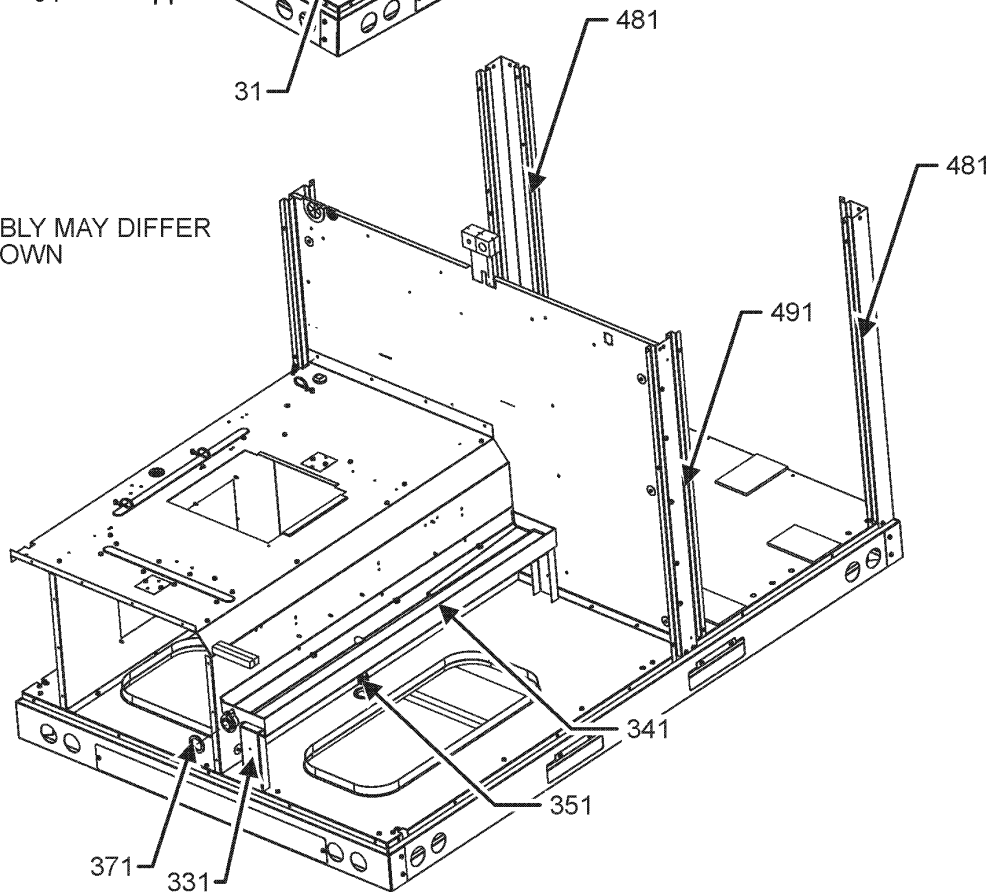
M1 - DBC0603B000001SAA
M2 - DBC0604B000001SAA
M3 - DBC0607B000001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



PARTITION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN



PARTITION ASSEMBLY

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

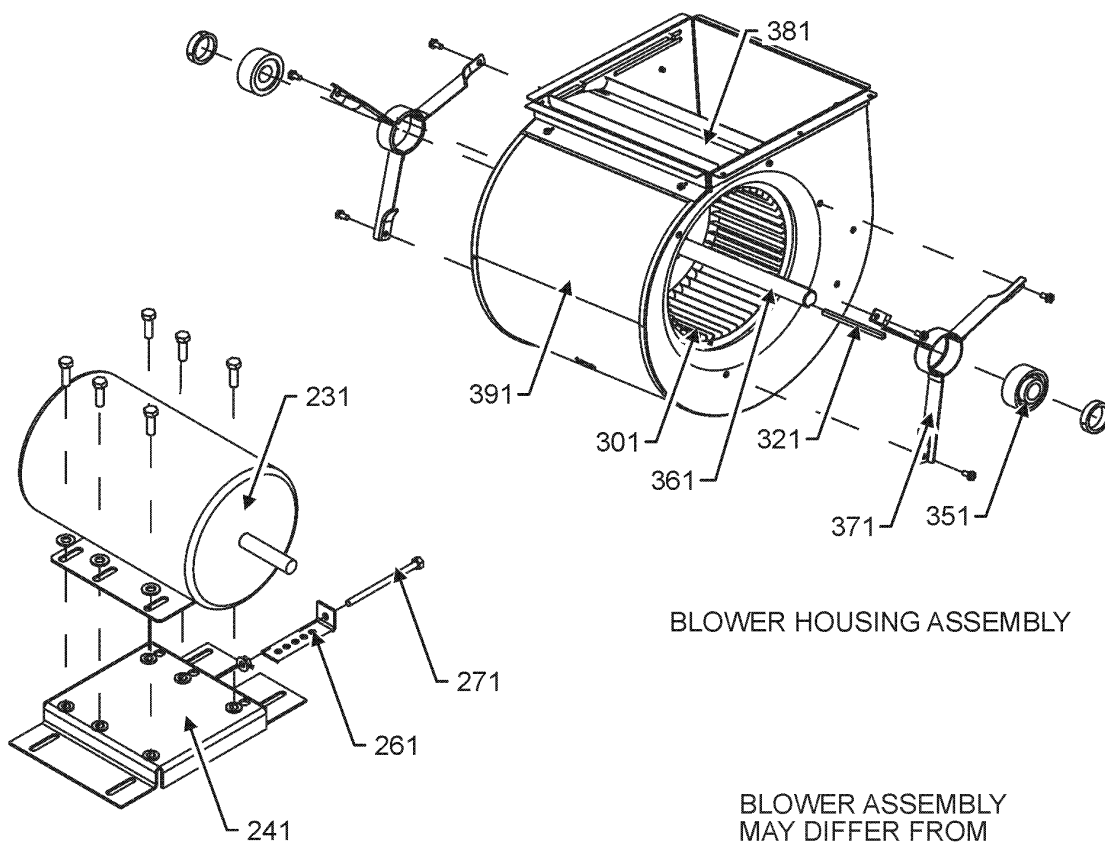
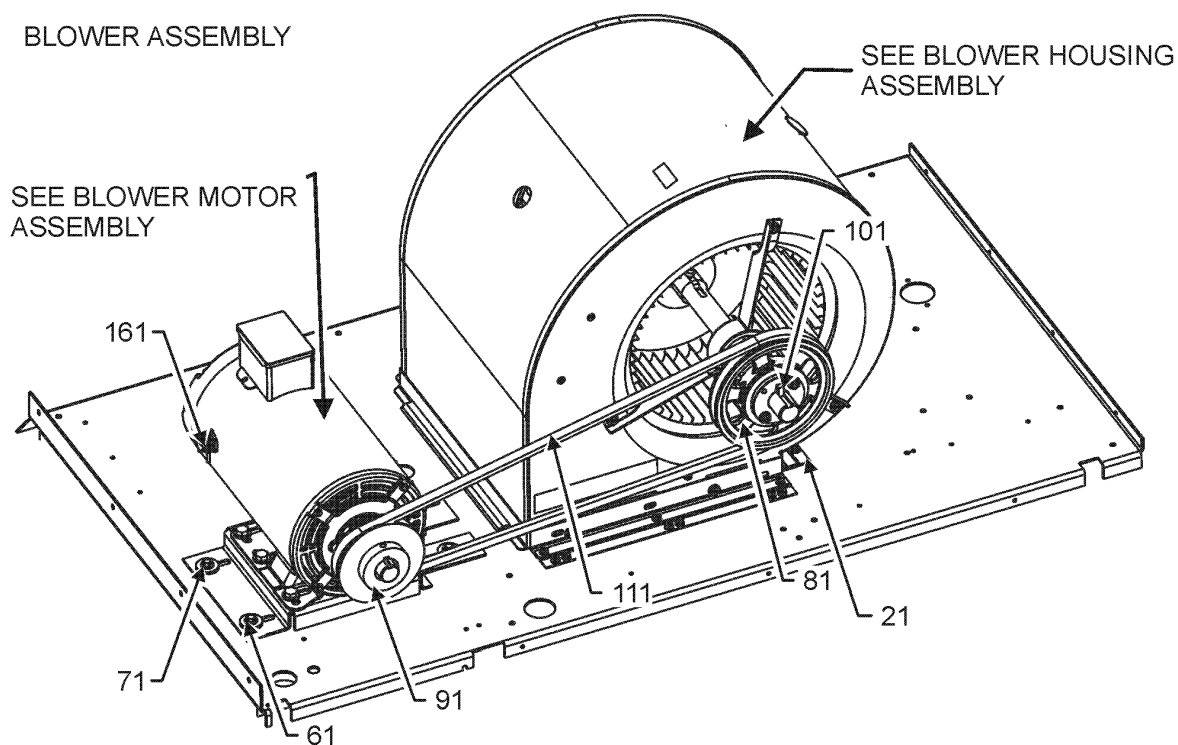
11	0121L02584	BLOWER DECK SIDE
21	0121L03869	BLOWER DECK
31	0121L02986	HEAT KIT BOX
41	0121L00144	COVER-ELECTRIC HEAT
61	0121L01709	BLOWER DECK PLATE
91	B1392147	UNIVERSIAL BUSHING WITH SLICE (QTY 2)
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)
331	0121L02985	DRAINPAN SUPPORT
341	0161L00007	DRAIN PAN, 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	0121L03054SB	PANITED SIDE POST
NS	0160L00137	Air Filter 20x25x2 (QTY 2)
NS	A4568804	GROMMET-D
NS	0164G00005	GROMMET-HORSESHOW 1.675
NS	0121L01954	OD COIL BLOCKOFF ANGLE
NS	0121L03515	RETAINER - ELECTRIC HEAT

Expanded Model Nomenclature

M1 - DBC0603B000001SAA
M2 - DBC0604B000001SAA
M3 - DBC0607B000001SAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY



BLOWER HOUSING ASSEMBLY

BLOWER MOTOR ASSEMBLY

BLOWER ASSEMBLY
MAY DIFFER FROM
WHAT IS SHOWN

BLOWER ASSEMBLY

Ref. Part No: No:			Ref. Part No: No:		
Description:			Description:		
Image 1:					
21	0121L00297	ANGLE-BLOWER SLIDE			
61	B1393738	BOLT, 1/4-20X3/4 (QTY 8)			
71	B1392918	WASHER, FLAT 1/4IDX1OD (QTY 4)			
81	0163L00136	SHEAVE, FIXED AK59H			
91	0163L00012	VARIABLE PITCH SHEAVE1VL40X7/8			
101	0163M00407	MACHINE KEY, SPECIAL			
111	0164L00000	FAN BELT, NOTCHED AX51			
161	B1393726	ELECT CONNECTING BUSHING			
231	0131L00067	MOTOR, 1 HP BELT DRIVE (M1, M2)			
231	0131L00079	MOTOR, 1 HP BELT DRIVE (M3)			
241	0121L03915	MOTOR BASE			
261	3225000F	ANGLE, BELT TIGHTENER			
271	0163M00045	BOLT 1/4-20X4			
301	B1368056	BLOWER WHEEL			
321	B1398603	STEEL KEY 4.5"			
351	0163L00247	BEARING BALL, MOUNTED (QTY 2)			
361	0163L00005	SHAFT-BLOWER BELT DRIVE			
371	B3201300	MOUNTING BRACKET BEARING (QTY 2)			
381	1864703	BLOWER CUT-OFF ASM,5TON,MORRIS			
391	2539302F	BLWR SHL ASSM 11X10 1X10			
NS	0121L03918	ANGLE-BLOWER MOUNT			
NS	0121L02974	BLOWER SLIDE PLAE			
NS	0121L00050	BRACET-BLOWRE MTG			
NS	0163L00131	BUSHING 1"			
NS	B1446707	SCREW 5/16-18X1 (QTY 6)			
NS	B1392923	WASHER/FLAT (QTY 6)			

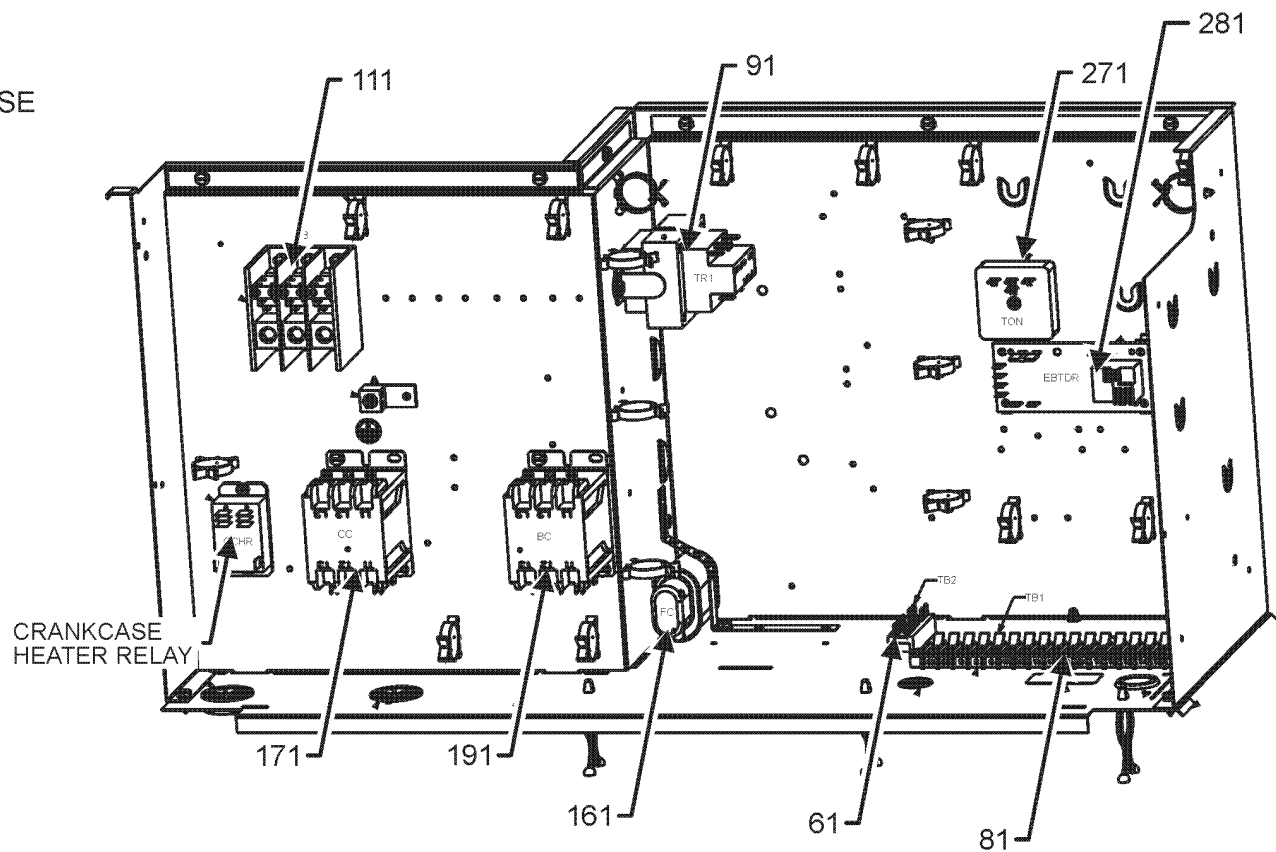
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M1 - DBC0603B000001SAA
M2 - DBC0604B000001SAA
M3 - DBC0607B000001SAA

CONTROL BOX ASSEMBLY

CONTROL BOX ASSEMBLY

3 PHASE



CONTROL BOX ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CONTROL BOX ASSEMBLY

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

61	802007090	TERM BOARD
81	0130M00038	TERMINAL BOARD
91	0130M00598	TRANSFMR, 75VA, 575V TO 24V (M3)
91	0130M00595	TRANSFORMER, 75VA, 480V TO 24V (M2)
91	B1141654	TRANSFORMER, 208-240, 75VA, RESET (M1)
111	0130M00038	BLOCK-POWER
161	CAP100000440LA	CAP 10 MFD/440V/OVAL (M2)
161	CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1)
161	CAP050000440LA	CAPACITOR (M3)
171	CONT3P025024V	CONT, 3 POLE, 25 AMP, 24 VAC (M2, M3)
171	CONT3P030024V	CONT, 3 POLE, 30 AMP, 24 VAC (M1)
191	CONT3P025024V	CONT, 3 POLE, 25 AMP, 24 VAC
271	B1370772	TIME DEALY (ICM) 180 SEC DELA
281	PCBFM103	PCB, TIME DELAY, EBTDR
NS	B821700	BOOT, CAPACITOR
NS	20520901	STRAP-CAPACITOR

Expanded Model Nomenclature

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M3 - DBC0607B000001SAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPSC

ACCESSORY PARTS

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

Image 1:

NS RP-FIOPSC* ACCESSORY RP MANUAL

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