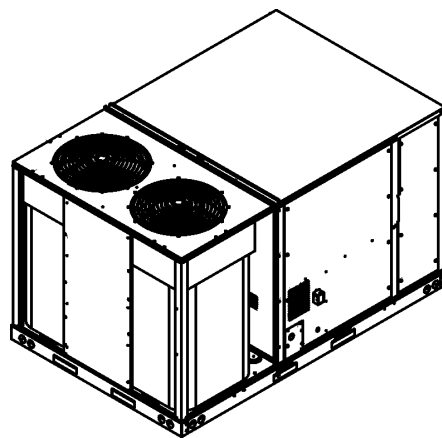


DRG 7.5 Ton Light Commercial DDC Control Package Gas Unit

DRG0903DDDDCAA
DRG0903LDDCAA
DRG0903WDDCAA
DRG0904DDDDCAA
DRG0904LDDCAA
DRG0904WDDCAA
DRG0907DDDDCAA
DRG0907LDDCAA
DRG0907WDDCAA



This manual is to be used by qualified technicians only.

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:

Expanded Model Nomenclature

0251L00075	ASSY., EXPANSION VALVE
0251L00076	ASSY., EXPANSION VALVE
0150L00003	BLADE-FAN 22" ALUM. CCW 30 DEG (QTY 2)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1, M2, M3, M4, M5, M6)
CAP050000440LA	CAPACITOR (M7, M8, M9)
ZP39K5ETFD130	COMP, 39000, 460/60/3 (M4, M5, M6)
ZP39K5ETF5130	COMP, 39000, 200/230/60/3 (M1, M2, M3)
ZP39K5ETFE130	Comp, 39000, 575/60/3 (M7, M8, M9)
CONT3P030024V	CONT 3 POLE 30 AMP 24VAC (QTY 3)
CONT2P025024V	CONT, 2 POLE, 25 AMP, 24VAC
0130M00582	CONTROL, DEFROST (QTY 2)
0130M00579	DDC CONTROLLER 39IO
0130M00178	DPDT RELAY 24VAC
0130L00228	DUCT TEMP SENSOR
0130M00074	HIGH PRESSURE SWITCH (QTY 2)
0130M00075	LOW PRESSURE SWITCH (QTY 2)
0131L00175	MOTOR 2.4 HP (M1, M2)
0131L00177	MOTOR 2.4 HP (M7, M8)
0131L00176	MOTOR 2.4 HP (M4, M5)
0131L00163	MOTOR CONTROLLER (M6)
0131L00164	MOTOR CONTROLLER (M9)
0131L00236	MOTOR CONTROLLER (M1, M2)
0131L00238	MOTOR CONTROLLER (M4, M5)
0131L00240	MOTOR CONTROLLER (M7, M8)
0131L00162	MOTOR CONTROLLER (M3)
0131L00122	MOTOR, 3.5 HP (M3)
0131L00124	MOTOR, 3.5 HP (M6)
0131L00125	MOTOR, 3.5 HP (M9)
0131M00907	MOTOR, HP, 1/3, OD (M4, M5, M6)
0131M00908	MOTOR, HP, 1/3, OD, LAK (M7, M8, M9)
0131M00906	MOTOR, HP, 1/3, SP, 1, PL, 6 (M1, M2, M3)
0130L00227	OUTDOOR AIR TEMP SENSOR
PCBAG123	PCB, IGNITION, DSI INTEG
0130F00647	PRESSURE SWITCH
0130L00252	PROGRAM APP CONTROLLER DDC
0130L00226	SPACE TEMPERATURE SENSOR
11112501	SWITCH-PRESSURE
0130M00596	TRANSFMR, 150VA, 480V TO 23 (M4, M5, M6)
0130M00597	TRANSFMR, 150VA, 575V TO 230V (M7, M8, M9)
0130M00598	TRANSFMR, 75VA, 575V TO 24V (M7, M8, M9)
0130M00594	TRANSFORMER (M1, M2, M3)
0130M00595	TRANSFORMER, 75VA, 480V TO 24V (M4, M5, M6)

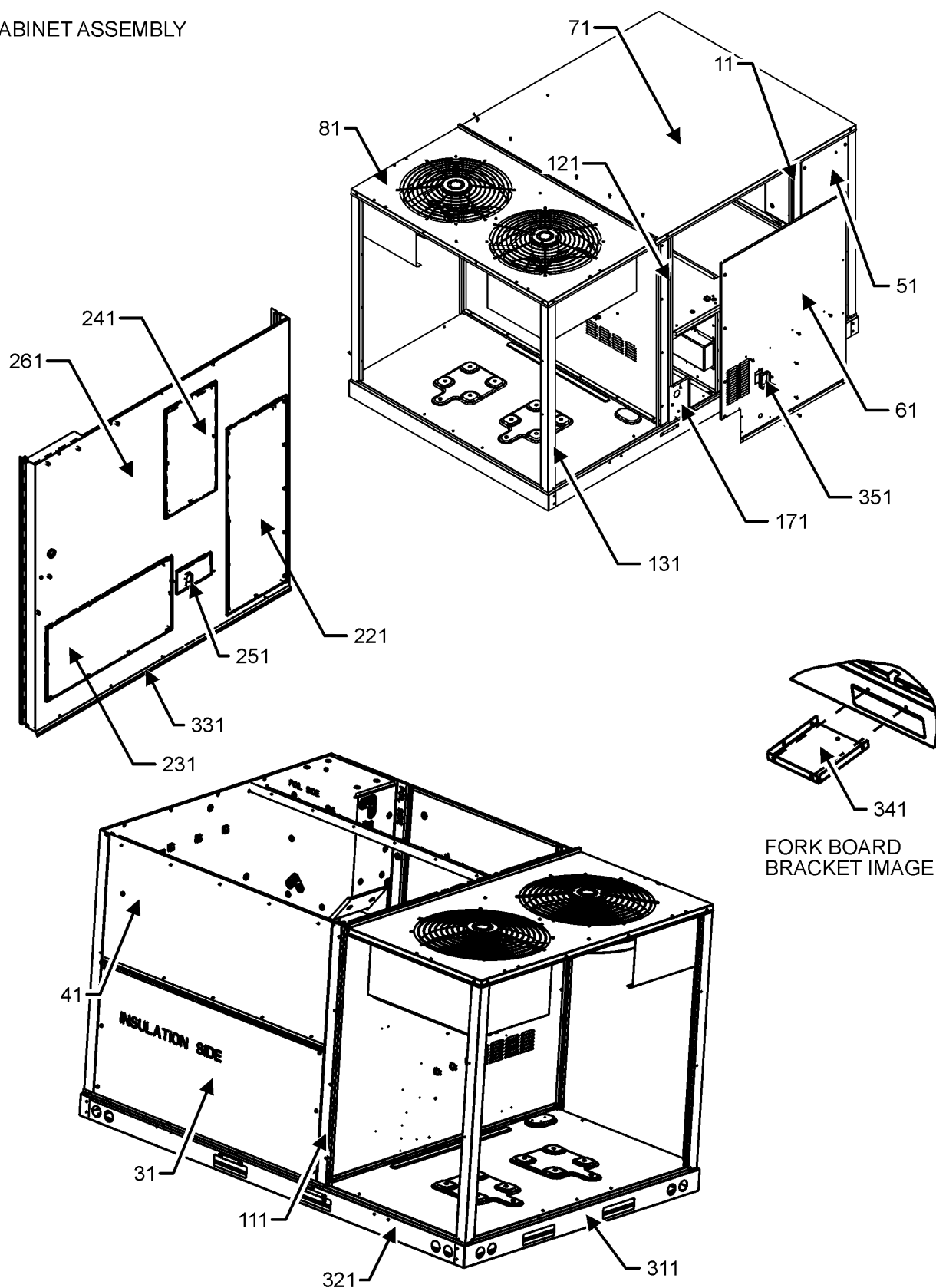
M1 - DRG0903DDDDCAA
M2 - DRG0903LDDCAA
M3 - DRG0903WDDCAA
M4 - DRG0904DDDDCAA
M5 - DRG0904LDDCAA
M6 - DRG0904WDDCAA
M7 - DRG0907DDDDCAA
M8 - DRG0907LDDCAA
M9 - DRG0907WDDCAA

SPECIAL PARTS

RP-FIOPMC*	ACCESSORY RP MANUAL
BDG-ILINQA	DAIKIN ILINQ BACNET DES GUIDE
QSG-ILINQA	DAIKIN ILINQ QUICK START GUIDE
UM-ILINQA	DAIKIN ILINQ USER MANUAL
RP-HXMC*	HEAT EXCHANGE FOR MEDIUM CHASSIS RP MANUAL
RP-EHS(D/B)MC*	HEATER KIT RP MANUAL
RP-EHX(D/B)MC*	HEATER KIT RP MANUAL

CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

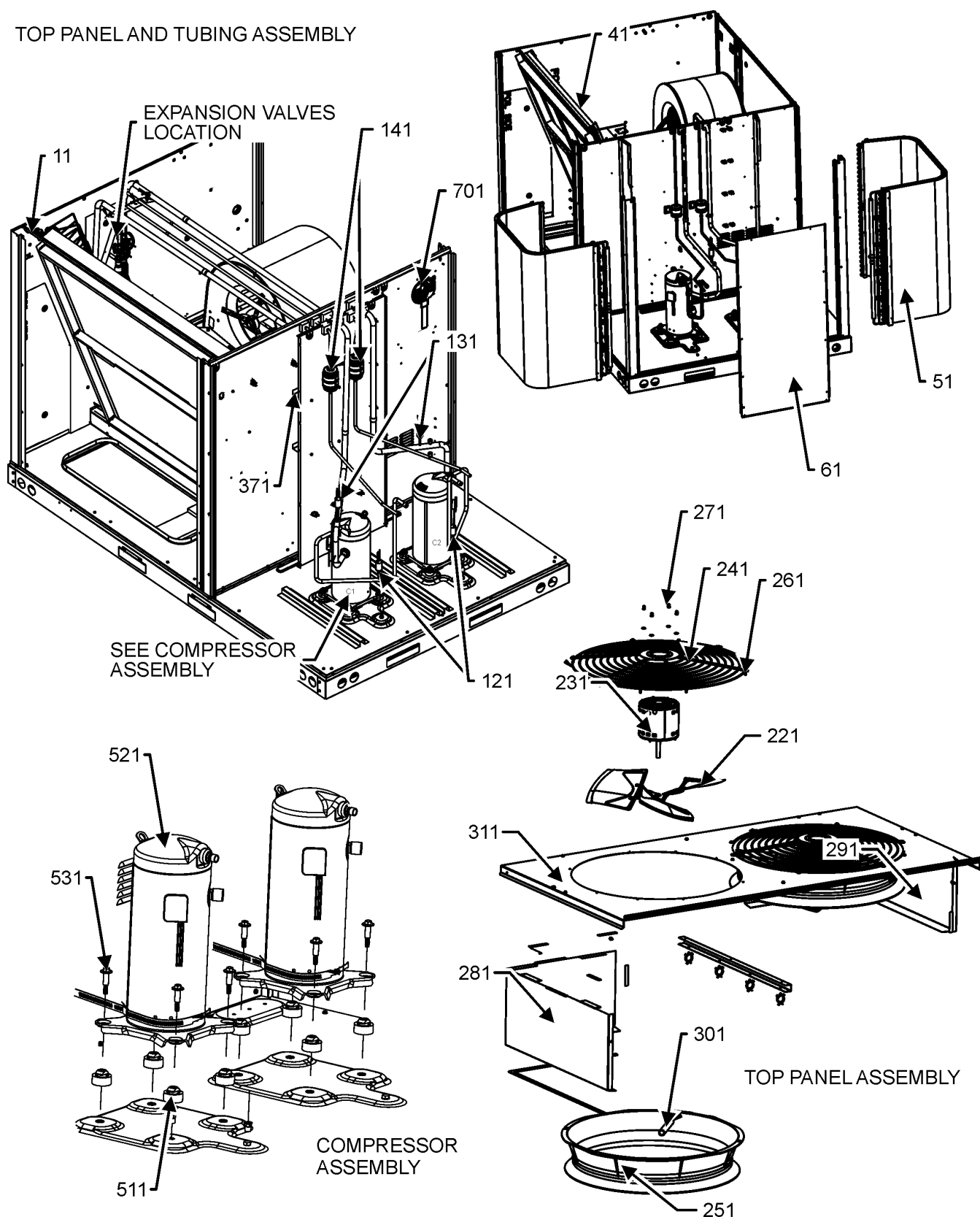
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L04041SB		PAINTED, PANEL, SIDE POST
31	0121L04154SB		PAINTED, ECONOMIZER PANEL
41	0121L03188SB		PAINTED, FILTER PANEL-7.5 TON
51	0121L02952SB		PAINTED, CONTROL PANEL
61	0121L03822SB		PAINTED, BLOWER PANEL
71	0121L02428SB		PAINTED, TOP PANEL INDOOR
81	0121L02437SB		PAINTED PANEL OUTDOOR TOP
111	0121L03187SB		PAINTED, SIDE POST
121	0121L03469SB		PAINTED, SIDE POST
131	0121L03902SB		PAINTED, PANEL, CORNER POST (QTY 2)
171	0121L03464SB		PAINTED, GAS ACCESS PANEL
221	0121L03508SB		PAINTED COVER DUCT RETURN
231	0121L02921SB		PAINTED COVER DUCT SUPPLY
241	0121L02599SB		PAINTED, TXV PANEL
251	0121L03957SB		PAINTED, DRAIN PAN COVER
261	0121L03497SB		PAINTED, PANEL, DUCT
311	0121L04127		BASE RAIL (QTY 2)
321	0121L01910		END RAIL
331	0121L01920		END RAIL
341	0121L03727		BRACKET-FORK BOARD (QTY 4)
351	0121L03481SB		PAINTED BRKT FLUE COLLAR
NS	0141L00084		BOARD FORK (QTY 2)

Expanded Model Nomenclature

M1 - DRG0903DDDCAA
M2 - DRG0903LDDCAA
M3 - DRG0903WDDCAA
M4 - DRG0904DDDCAA
M5 - DRG0904LDDCAA
M6 - DRG0904WDDCAA
M7 - DRG0907DDDCAA
M8 - DRG0907LDDCAA
M9 - DRG0907WDDCAA

TOP PANEL AND TUBING ASSEMBLY

TOP PANEL AND TUBING ASSEMBLY



NOTE: TOP PANEL AND TUBING ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

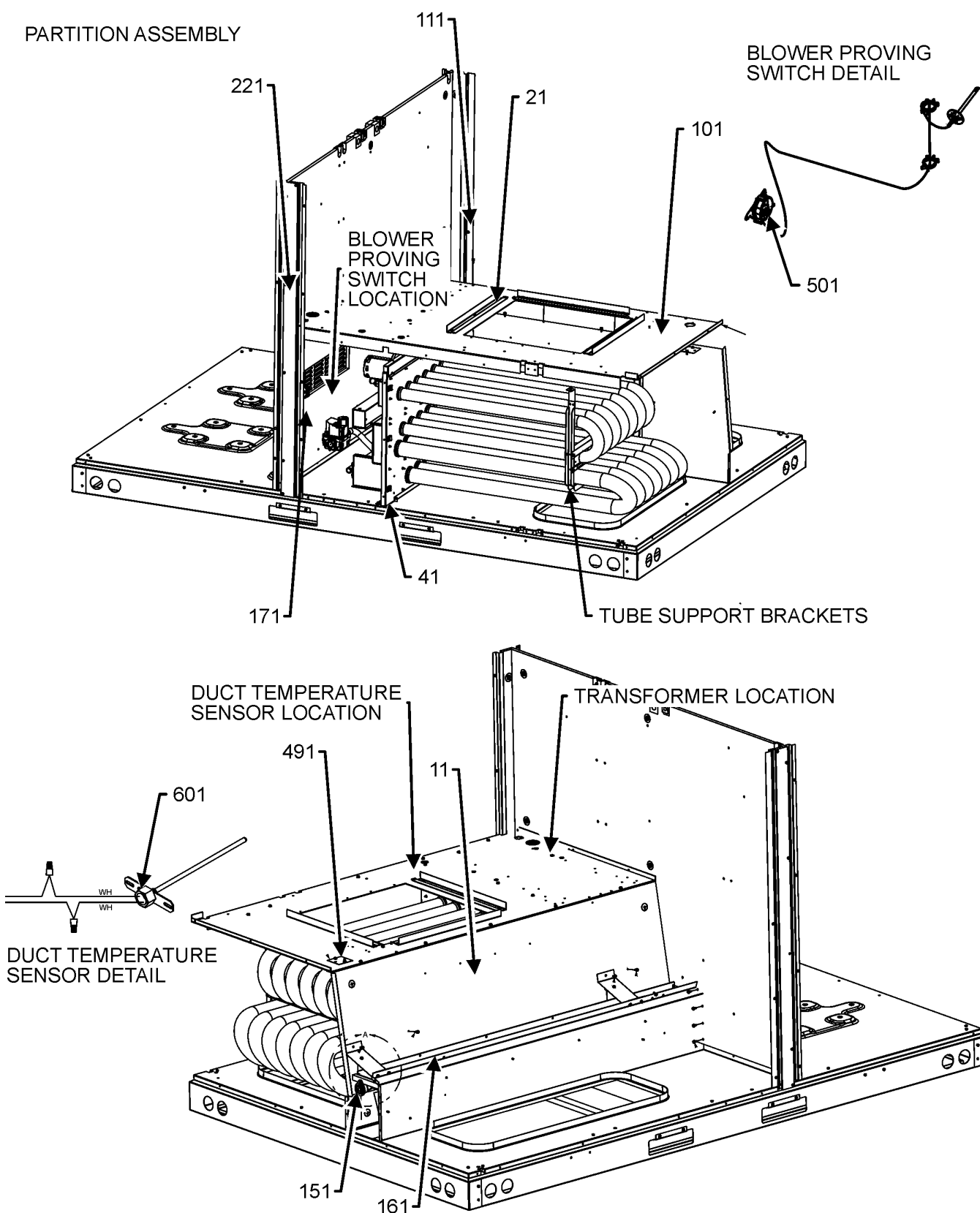
TOP PANEL AND TUBING ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0130M00582		CONTROL, DEFROST (QTY 2)
41	0202L00267		ASSY.,EVAP COIL
51	0201L00608		ASSY. OD COIL CIRCUITING (QTY 2)
61	0121L04202SB		PAINTED, PANEL, OUTDOOR
121	0130M00074		HIGH PRESSURE SWITCH (QTY 2)
131	0130M00075		LOW PRESSURE SWITCH (QTY 2)
141	0162R00056		FILTER/DRIER-BI-FLOW (QTY 2)
221	0150L00003		BLADE-FAN 22" ALUM. CCW 30 DEG (QTY 2)
231	0131M00907		MOTOR, HP, 1/3, OD (M4, M5, M6)
231	0131M00908		MOTOR, HP, 1/3, OD, LAK (M7, M8, M9)
231	0131M00906		MOTOR, HP, 1/3, SP, 1, PL, 6 (M1, M2, M3)
241	0152G00000		FAN GRILLE, RAISED (QTY 2)
251	0161R00048		MOLDED RING VENTURI 22 (QTY 2)
261	0163M00004		SCREW #10X3/4 BLK (QTY 16)
271	0163M00006P		NUT, ACORN 5/16 HEX BLACK (QTY 8)
281	0121L02894		COIL BLOCKOFF
291	0121L02897		COIL BLOCKOFF
301	0161R00003P		CONDUIT (QTY 2)
311	0121L02437SB		PAINTED PANEL OUTDOOR TOP
371	0121L02573		C CHANNEL (QTY 2)
511	B1339533		GROMMET, COMPRESSOR (QTY 8)
521	ZP39K5ETFD130		COMP, 39000, 460/60/3 (M4, M5, M6)
521	ZP39K5ETF5130		COMP, 39000,200/230/60/3 (M1, M2, M3)
521	ZP39K5ETFE130		Comp, 39000,575/60/3 (M7, M8, M9)
531	B1393740		COMP BOLT & SLEEVE (QTY 8)
701	0130L00227		OUTDOOR AIR TEMP SENSOR
NS	0160L00265		AIR FILTER (QTY 4)
NS	0251L00075		ASSY., EXPANSION VALVE
NS	0251L00076		ASSY., EXPANSION VALVE
NS	0159L00066		Harness, comp scroll
NS	0159L00067		Harness, comp scroll
NS	M0272803		WASHER LOCK (QTY 4)
NS	0163M00005P		WASHER, BLACK .50OD.218ID (QTY 8)

Expanded Model Nomenclature

M1 - DRG0903DDDCAA
M2 - DRG0903LDDCAA
M3 - DRG0903WDDCAA
M4 - DRG0904DDDCAA
M5 - DRG0904LDDCAA
M6 - DRG0904WDDCAA
M7 - DRG0907DDDCAA
M8 - DRG0907LDDCAA
M9 - DRG0907WDDCAA

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:

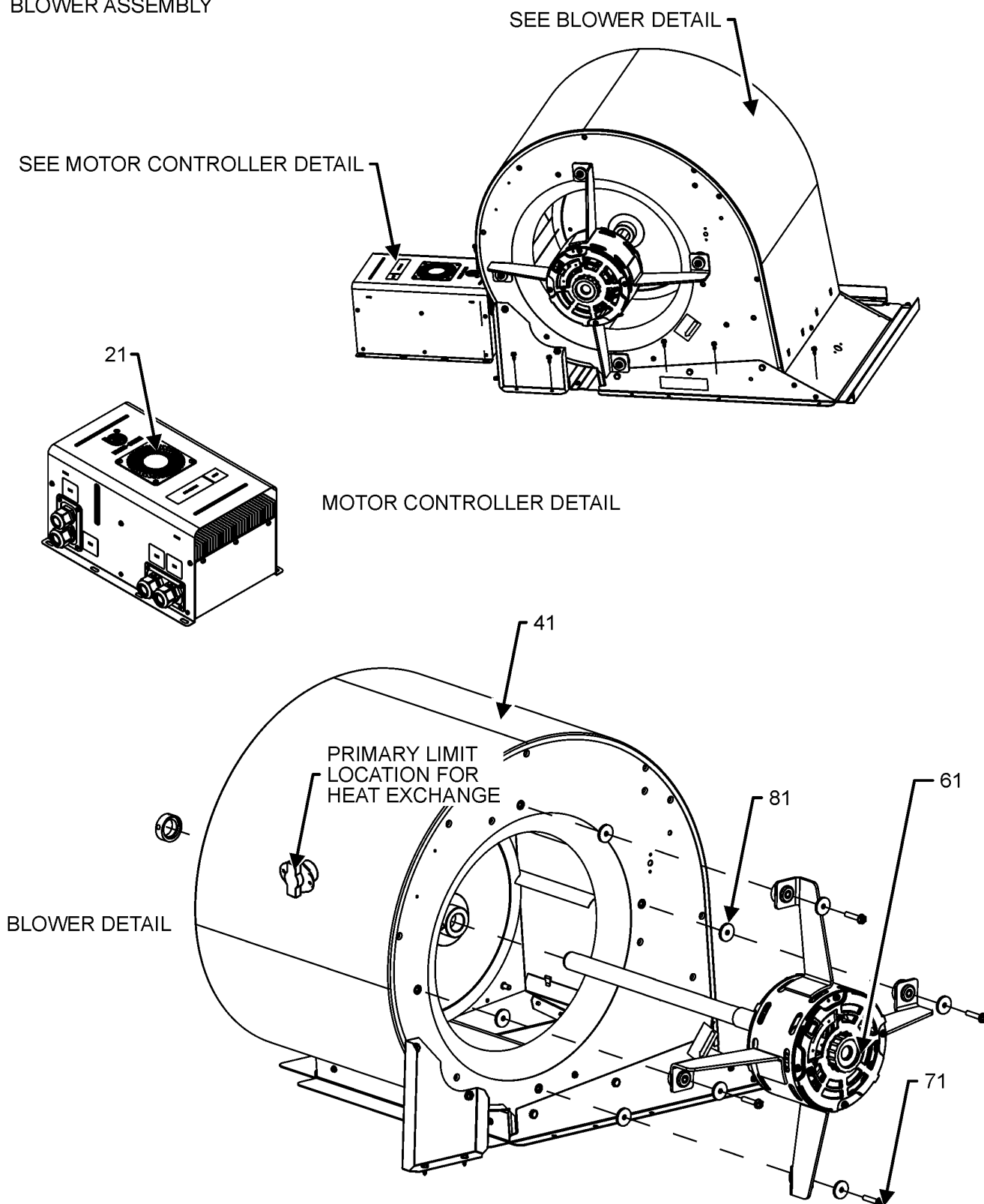
11	0121L03677	BLOWER DECK, BOTTOM
21	0121L02651	BLOWER SLIDE PLATE (QTY 3)
41	0121L02337	HEAT EXCHANGER RAIL
41	0121L03676	HEAT EXCHANGER RAIL
101	0121L04124	PANEL, BLOWER DECK
111	0121L03187SB	PAINTED, SIDE POST
151	0154L00180	GASKET, DRAIN PAN
161	0161L00002	DRAIN PAN EVAP 7TO12
171	11112501	SWITCH-PRESSURE
221	0121L03469SB	PAINTED, SIDE POST
491	0121L00321	COVER SMOKE DETECTOR
501	0130F00647	PRESSURE SWITCH
601	0130L00228	DUCT TEMP SENSOR
NS	0121L02903	BRACKET, TUBE SUPPORT
NS	0121L02904	BRACKET, TUBE SUPPORT
NS	0121L04024	BRACKET, TUBE SUPPORT
NS	0121L02929	BRACKET,MOUNT SUPPORT TUBE
NS	0154L00157	GASKET
NS	0161L00012	PLUG DRAIN PAN

Expanded Model Nomenclature

M1 - DRG0903DDDCAA
M2 - DRG0903LDDCAA
M3 - DRG0903WDDCAA
M4 - DRG0904DDDCAA
M5 - DRG0904LDDCAA
M6 - DRG0904WDDCAA
M7 - DRG0907DDDCAA
M8 - DRG0907LDDCAA
M9 - DRG0907WDDCAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

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

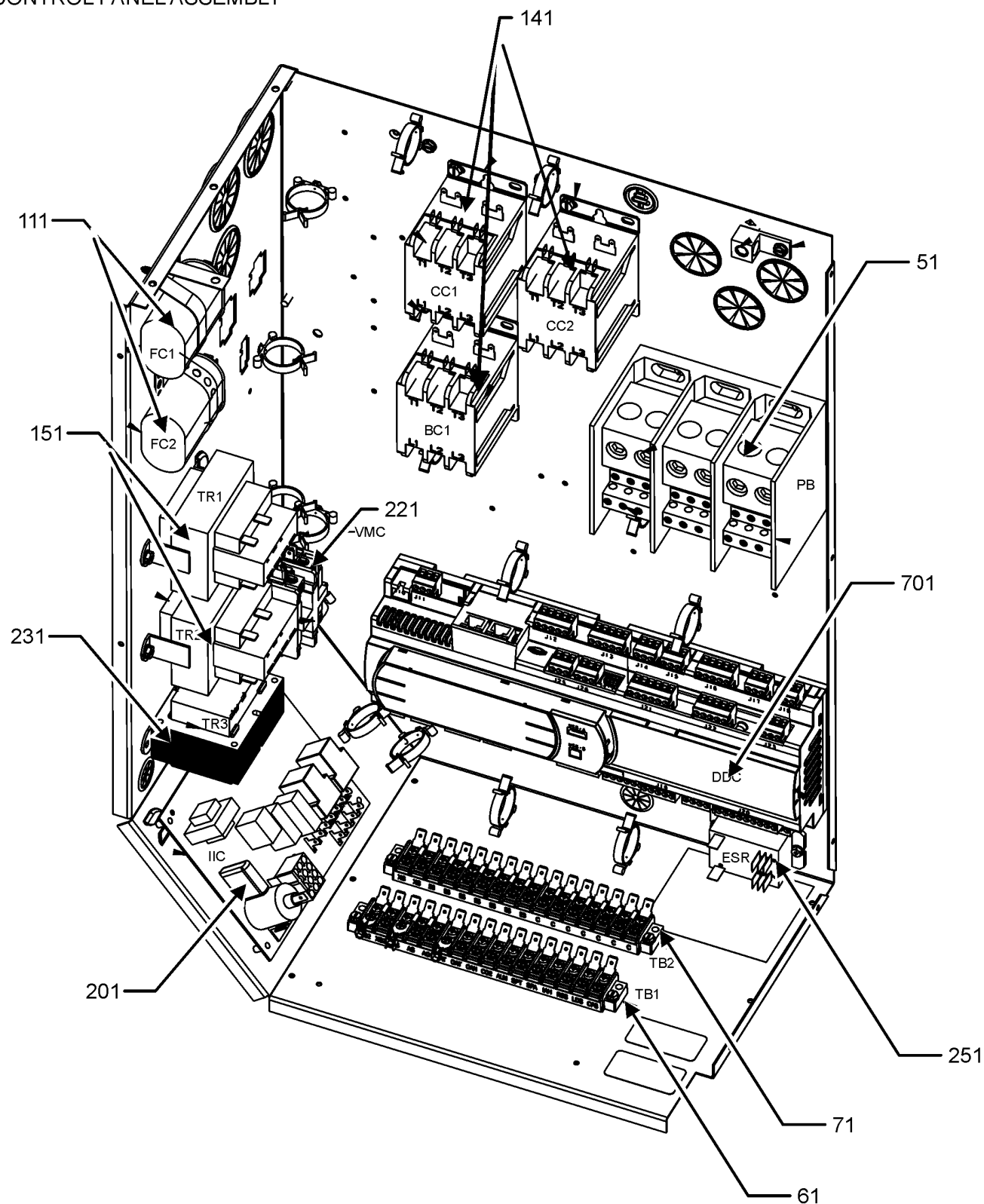
21	0131L00162	MOTOR CONTROLLER (M3)
21	0131L00163	MOTOR CONTROLLER (M6)
21	0131L00164	MOTOR CONTROLLER (M9)
21	0131L00236	MOTOR CONTROLLER (M1, M2)
21	0131L00238	MOTOR CONTROLLER (M4, M5)
21	0131L00240	MOTOR CONTROLLER (M7, M8)
41	0271L00147	ASSY, BLOWER PURCHASED 16X16
61	0131L00175	MOTOR 2.4 HP (M1, M2)
61	0131L00176	MOTOR 2.4 HP (M4, M5)
61	0131L00177	MOTOR 2.4 HP (M7, M8)
61	0131L00122	MOTOR, 3.5 HP (M3)
61	0131L00124	MOTOR, 3.5 HP (M6)
61	0131L00125	MOTOR, 3.5 HP (M9)
71	M0250565	SCREW-TC 1.25" (QTY 4)
81	B1392918	WASHER FLAT 1/4IDX1OD (QTY 8)

Expanded Model Nomenclature

M1 - DRG0903DDDCAA
M2 - DRG0903LDDCAA
M3 - DRG0903WDDCAA
M4 - DRG0904DDDCAA
M5 - DRG0904LDDCAA
M6 - DRG0904WDDCAA
M7 - DRG0907DDDCAA
M8 - DRG0907LDDCAA
M9 - DRG0907WDDCAA

CONTROL BOX ASSEMBLY

CONTROL PANEL ASSEMBLY



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:

51	0130L00217	POWER,BLOCK
61	0130M00415	TERMINAL BOARD
71	0130M00414	TERMINAL BOARD
111	CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1, M2, M3, M4, M5, M6)
111	CAP050000440LA	CAPACITOR (M7, M8, M9)
141	CONT3P030024V	CONT 3 POLE 30 AMP 24VAC (QTY 3)
151	0130M00598	TRANSFMR, 75VA, 575V TO 24V (M7, M8, M9)
151	0130M00594	TRANSFORMER (M1, M2, M3)
151	0130M00595	TRANSFORMER, 75VA, 480V TO 24V (M4, M5, M6)
201	PCBAG123	PCB, IGNITION, DSI INTEG
221	CONT2P025024V	CONT, 2 POLE, 25 AMP, 24VAC
231	0130M00596	TRANSFMR, 150 VA, 480V TO 23 (M4, M5, M6)
231	0130M00597	TRANSFMR, 150 VA, 575V TO 230V (M7, M8, M9)
251	0130M00178	DPDT RELAY 24 VAC
701	0130M00579	DDC CONTROLLER 39IO
NS	B821700	BOOT CAPACITOR (QTY 2)
NS	BDG-ILINQA	DAIKIN ILINQ BACNET DES GUIDE
NS	QSG-ILINQA	DAIKIN ILINQ QUICK START GUIDE
NS	UM-ILINQA	DAIKIN ILINQ USER MANUAL
NS	0130L00005	GROUND LUG
NS	0130L00252	PROGRAM APP CONTROLLER DDC
NS	0130L00226	SPACE TEMPERATURE SENSOR
NS	20520901	STRAP-CAPACITOR (QTY 7)

Expanded Model Nomenclature

M1 - DRG0903DDDCAA
M2 - DRG0903LDDCAA
M3 - DRG0903WDDCAA
M4 - DRG0904DDDCAA
M5 - DRG0904LDDCAA
M6 - DRG0904WDDCAA
M7 - DRG0907DDDCAA
M8 - DRG0907LDDCAA
M9 - DRG0907WDDCAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPMC
RP-HXMC
RP-EHS[D/B]MC
RP-EHX[D/B]MC

ACCESSORY PARTS

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

NS	RP-FIOPMC*	ACCESSORY RP MANUAL
NS	RP-HXMC*	HEAT EXCHANGE FOR MEDIUM CHASSIS RP MANUAL
NS	RP-EHS(D/B)MC*	HEATER KIT RP MANUAL
NS	RP-EHX(D/B)MC*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DRG0903DDDCAA
M2 - DRG0903LDDCAA
M3 - DRG0903WDDCAA
M4 - DRG0904DDDCAA
M5 - DRG0904LDDCAA
M6 - DRG0904WDDCAA
M7 - DRG0907DDDCAA
M8 - DRG0907LDDCAA
M9 - DRG0907WDDCAA