

DR97MC ECM UF Furnace

DR97MC0603BNAA
DR97MC0803BNAA
DR97MC0804CNAA
DR97MC1005CNAA
DR97MC1205DNAA



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.

9/26/25: Added model DR97MC1205DN

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 , Inc. 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 , Inc. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Comfort Technologies Manufacturing , Inc. 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:
Homeowner Support
Daikin Comfort Technologies Manufacturing , Inc.
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 , Inc.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

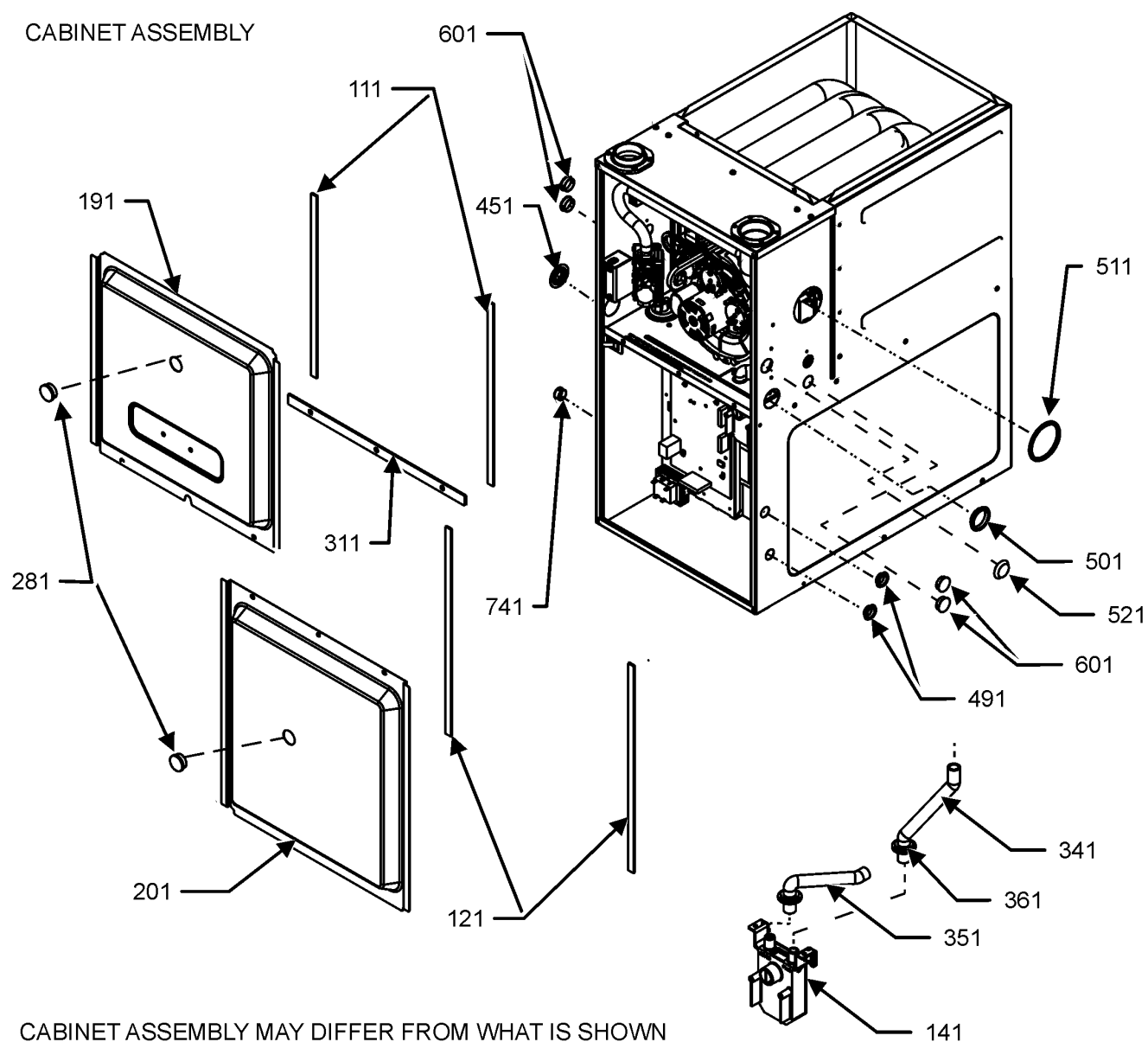
0130F00038	AUX LIMIT (QTY 2)
SHARED DATA	Available thru CoolCloud HVAC app.
0163F00017	BECKETT BURNER (QTY 3)
0130F00010	FLAME SENSOR
0151M00092	GAS VALVE, WR MOD
0257F20097	HEAT EXCHANGER ASSY (M5)
0257F20096	HEAT EXCHANGER ASSY (M4)
0257F20095	HEAT EXCHANGER ASSY (M3)
0257F20094	HEAT EXCHANGER ASSY (M2)
0257F20093	HEAT EXCHANGER ASSY (M1)
0130F00008	IGNITOR-SINI 17 SEC
0130M00141	INDUCTOR, 5.9 AMPS (M3, M4, M5)
20162903	LIMIT, PRIMARY (M3, M4)
20162904	LIMIT, PRIMARY (M5)
0130F00036	LIMIT, PRIMARY (M1)
20162906	LIMIT, PRIMARY (M2)
10123529	LIMIT-RESET MAN-GREEN (QTY 2)
0271F00507	MORRISON 11 X 10 BLOWER (M3, M4)
0271F00508	MORRISON 11 X 11 BLOWER (M5)
0271F00506	MORRISON 11 X 8 BLOWER (M1, M2)
0131M01011	MOTOR, 1 HP (M4, M5)
0131M01002	MOTOR, 1/2 HP (M1, M2)
0131M01003	MOTOR, 3/4 HP (M3)
0171M00009	MOTOR, ID BLOWER
PCBKF322	PCB, CONTROL BOARD
0130F00724	PRESSURE SWITCH (M2)
0130F00429	PRESSURE SWITCH
0130F00723	PRESSURE SWITCH (M1)
0130F00725	PRESSURE SWITCH (M4)
0130F00726	PRESSURE SWITCH (M5)
0130F00722	PRESSURE SWITCH (M3)
10690402	SWITCH-INTERLOCK
0130M00140	TRANSFORMER 120V TO 24V, 40VA

Expanded Model Nomenclature

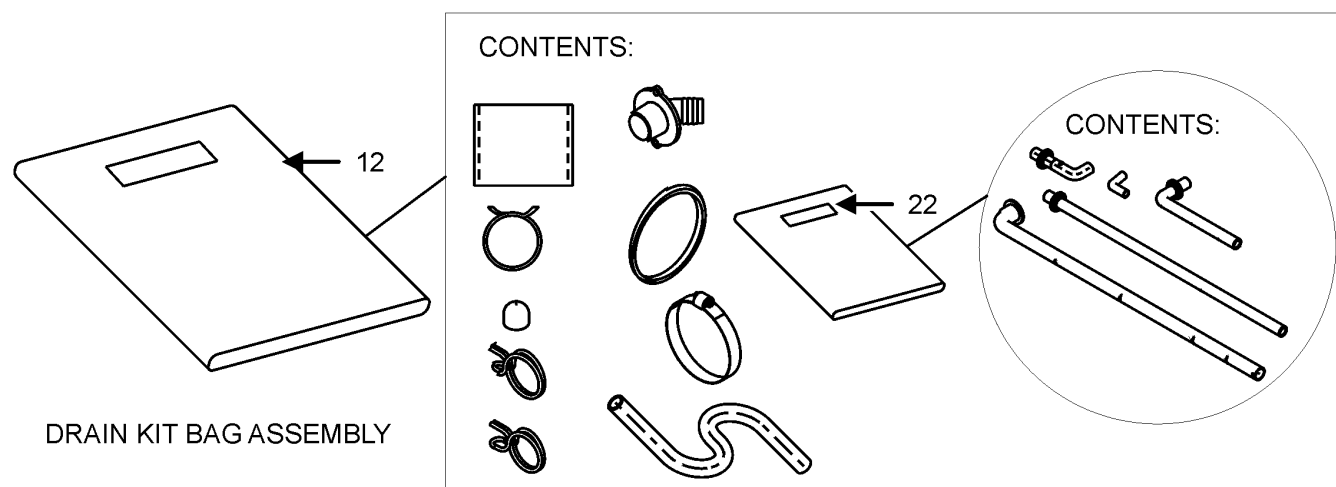
M1 - DR97MC0603BNAA M2 - DR97MC0803BNAA M3 - DR97MC0804CNAA M4 - DR97MC1005CNAA M5 - DR97MC1205DNAA

0161F00090	NAMEPLATE, DAIKIN
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Cabinet Assembly



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN



Cabinet Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
111	0154F00024		GASKET (QTY 2)
121	0154F00025		GASKET (QTY 2)
141	0161F00046		DRAIN TRAP
191	0121F00337NG		DOOR, ACCESS 17.5" PNT (M1, M2)
191	0121F00338NG		DOOR, ACCESS 21" PNT (M3, M4)
191	0121F00339NG		DOOR, ACCESS 24.5" PNT (M5)
201	0121F00340NG		DOOR, BLOWER 17.5" PNT (M1, M2)
201	0121F00341NG		DOOR, BLOWER 21" PNT (M3, M4)
201	0121F00342NG		DOOR, BLOWER 24.5" PNT (M5)
281	B1392139		VIEW PORT BUSHING-BLOWER DOOR (QTY 2)
311	0154F00020		GASKET, DECK (M1, M2)
311	0154F00021		GASKET, DECK (M3, M4)
311	0154F00022		GASKET, DECK (M5)
341	0164F00017		HOSE-ELBOW/TRAP
351	0164F00006		HOSE, COVER/TRAP (M5)
351	0164F00024		HOSE, COVER/TRAP (M1, M2, M3, M4)
361	M0119206		CLAMP HOSE (QTY 5)
451	M0501301		PIPE GROMMET
491	M0570808		BUTTON PLUG (QTY 3)
501	M0570806		BUTTON PLUG
511	M0570807		BUTTON PLUG
521	0161M00027		PLUG, HOLE
601	B1392021		PLASTIC PLUG, 1" (2713-BLK) (QTY 4)
741	B1392104		UNIVERSAL BUSHING UB 875
NS	M0310345		BUTTON PLUG (QTY 2)
NS	0163M00319		HEX-NUT INSERT (QTY 3)
NS	0161F00090		NAMEPLATE, DAIKIN
NS	M0273904		RETAINER-SCREW (QTY 3)
NS	M0209730		SCREW-DECORATIVE (QTY 3)

Image 2:

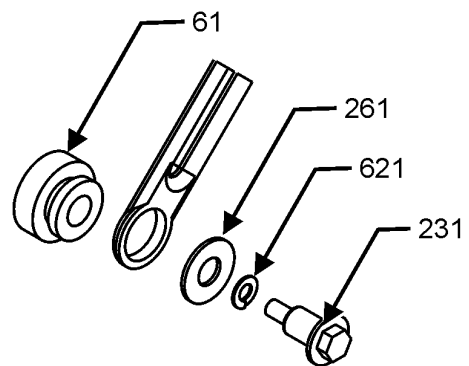
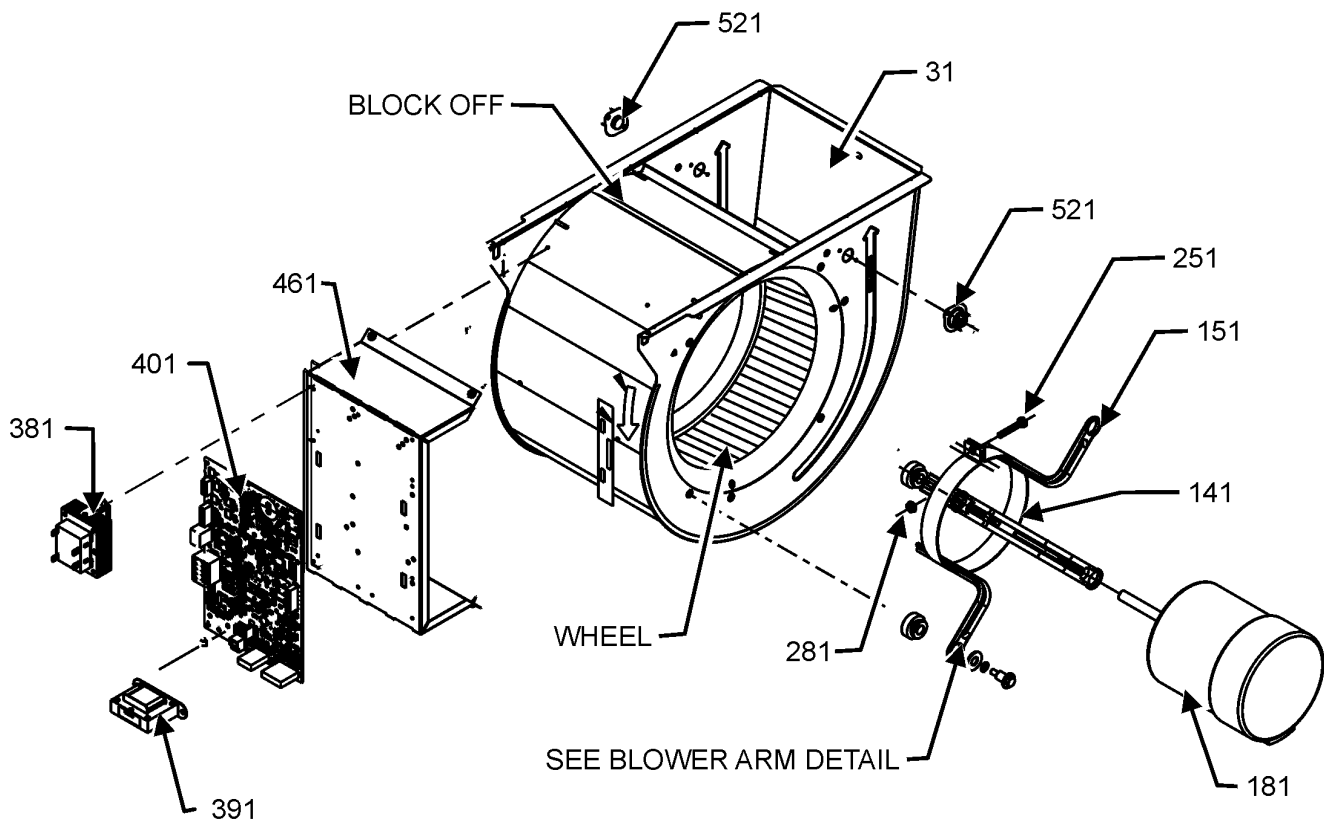
12	0270F20409	DRAIN KIT ASSY
22	0270F20409	DRAIN KIT ASSY

Expanded Model Nomenclature

M1 - DR97MC0603BNAA M2 - DR97MC0803BNAA M3 - DR97MC0804CNAA M4 - DR97MC1005CNAA M5 - DR97MC1205DNAA

Blower Assembly

BLOWER ASSEMBLY



BLOWER ARM DETAIL

BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Blower Assembly

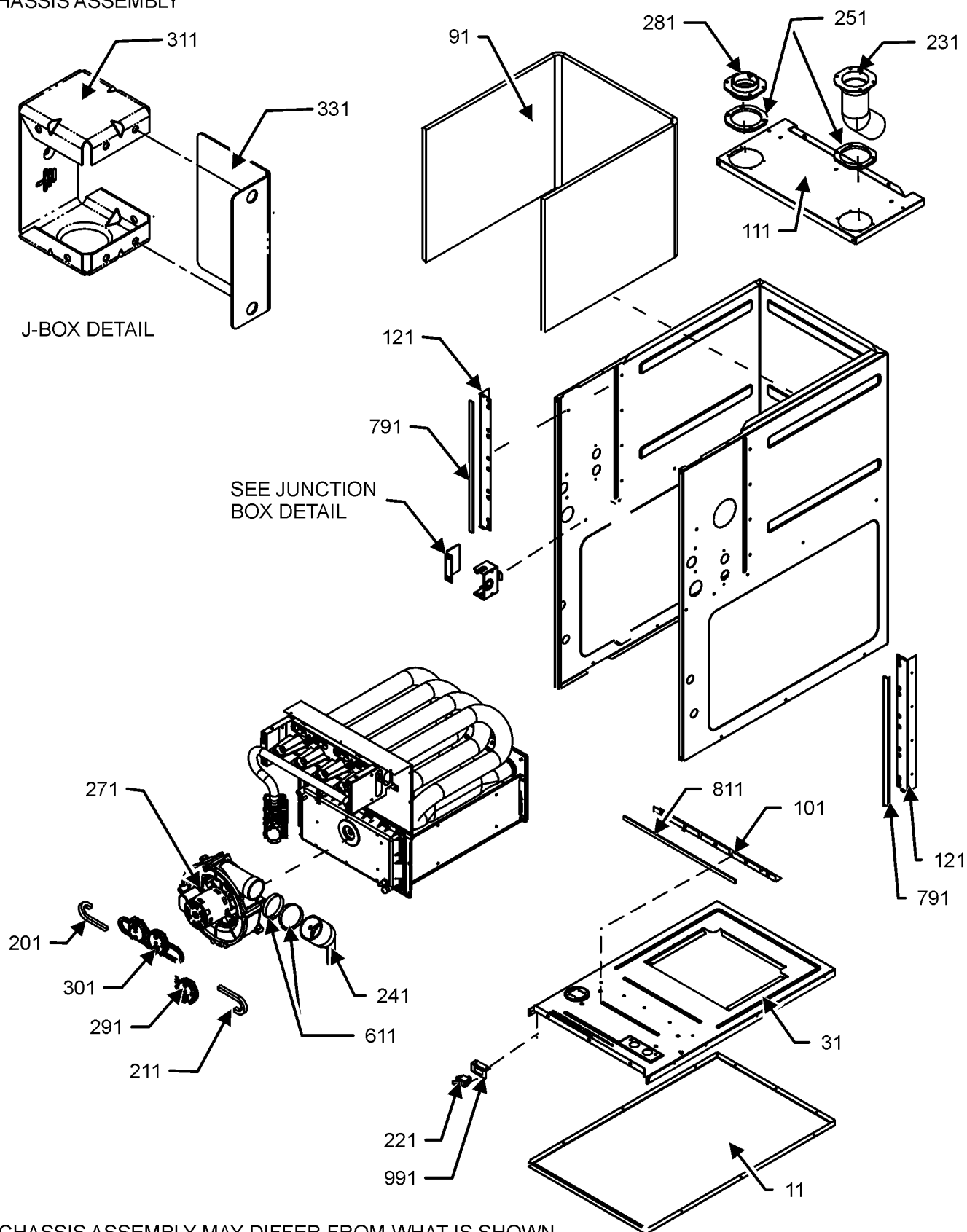
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
31	0271F00507		MORRISON 11 X 10 BLOWER (M3, M4)
31	0271F00508		MORRISON 11 X 11 BLOWER (M5)
31	0271F00506		MORRISON 11 X 8 BLOWER (M1, M2)
61	A4002702		BLOWER MOTOR GROMMET (M3, M4, M5)
141	0121M00038		MOTOR MOUNT BAND (M1, M2)
141	10441601		MOTOR MOUNT BAND (M3, M4, M5)
151	0163F20002		MOTOR MOUNT ARM (M1, M2)
151	10441501		MOTOR MOUNT ARM (M3, M4, M5)
181	0131M01011		MOTOR, 1 HP (M4, M5)
181	0131M01002		MOTOR, 1/2 HP (M1, M2)
181	0131M01003		MOTOR, 3/4 HP (M3)
231	0163F00028		SCREW (M3, M4, M5)
231	M0250565		TC SCREW 1.25" (M1, M2)
251	0163M00320		HEX HEAD ALL THREAD TAP BOLT (M4, M5)
251	B1393323		MACHINE SCREW HWH 1/4-20 X 1-1/2 BZ (M1, M2, M3)
261	B1392918		WASHER, FLAT 1/4 ID X 1 OD (M1, M2)
261	M0274008		WASHER-FLAT (M3, M4, M5)
281	M0282015		KEPS NUT (M4, M5)
281	B1393800		LOCKNUT, NYLON, INSERT 1/4, 20 (M1, M2, M3)
381	0130M00140		TRANSFORMER 120V TO 24V, 40VA
391	0130M00141		INDUCTOR, 5.9 AMPS (M3, M4, M5)
401	PCBKF322		PCB, CONTROL BOARD
461	0121F00802		MOUNTING PLATE-CONTROLS
521	0130F00038		AUX LIMIT (QTY 2)
621	B1392820		WASHER, SPLIT LOCK 1/4 BZ (M3, M4, M5)
NS	SHARED DATA		Available thru CoolCloud HVAC app.
NS	0259F00040		CONTROL HARNESS
NS	B1392021		PLASTIC PLUG, 1" (2713-BLK) (QTY 4)
NS	0259F00041		POWER HARNESS HIGH VOLTAGE (M3, M4, M5)
NS	0259F00024		WIRE HARNESS-BLOWER

Expanded Model Nomenclature

M1 - DR97MC0603BNAA
M2 - DR97MC0803BNAA
M3 - DR97MC0804CNAA
M4 - DR97MC1005CNAA
M5 - DR97MC1205DNAA

Chassis Assembly

CHASSIS ASSEMBLY



CHASSIS ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

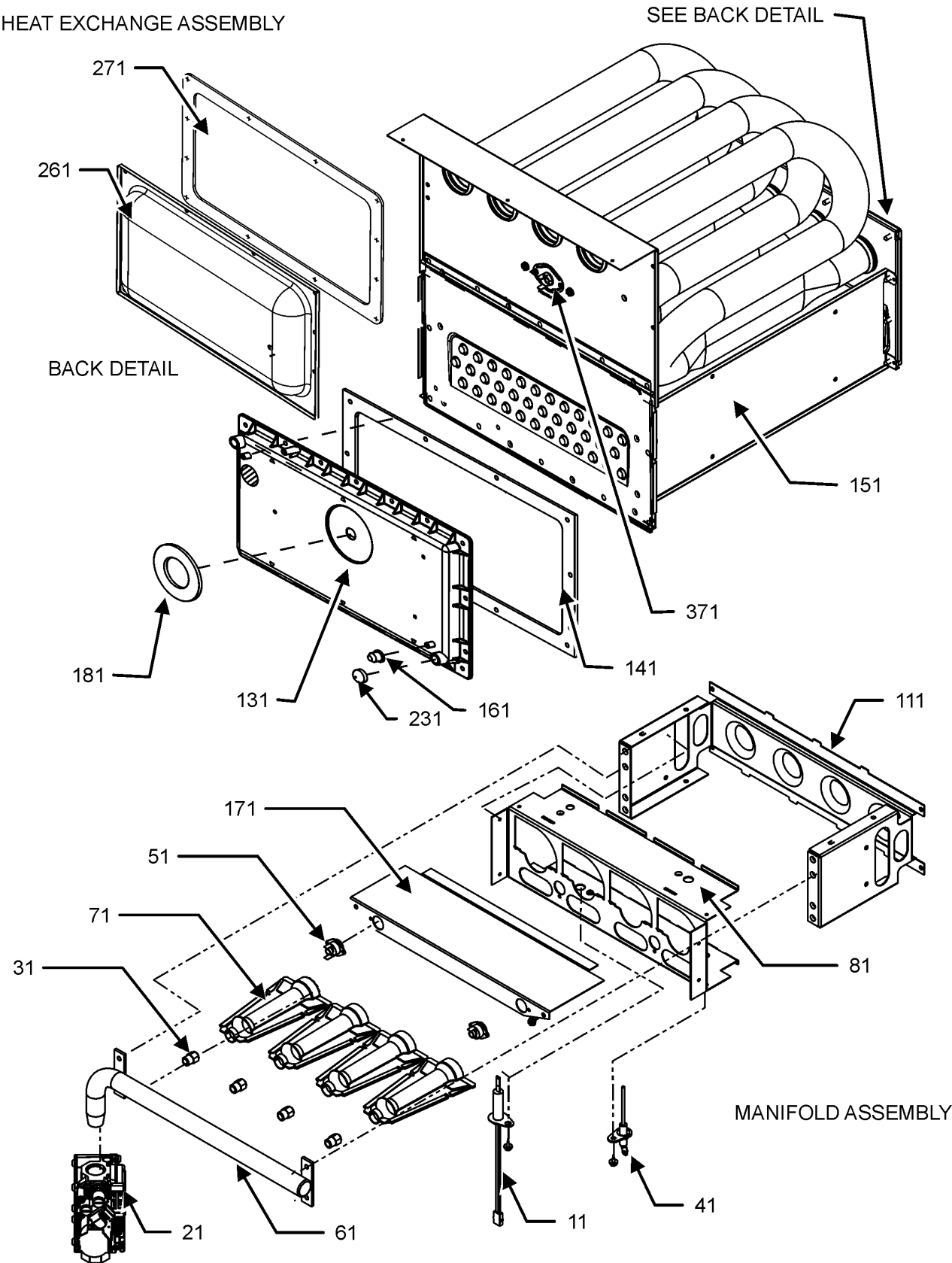
Chassis Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121F00530DG		BASEPAN, 17.5 PNT (M1, M2)
11	0121F00531DG		BASEPAN, 21 PNT (M3, M4)
11	0121F00532DG		BASEPAN, 24.5 PNT (M5)
31	0121F00766		DECK- BLOWER 17.5" (M1, M2)
31	0121F00767		DECK- BLOWER 21" (M3, M4)
31	0121F00768		DECK- BLOWER 24.5" (M5)
91	0160F00015		INSULATION, HT EXCHANGER 17.5" (M1, M2)
91	0160F00016		INSULATION, HT EXCHANGER 21" (M3, M4)
91	0160F00017		INSULATION, HT EXCHANGER 24.5" (M5)
101	0121F00314		ANGLE, DECK (M1, M2)
101	0121F00315		ANGLE, DECK (M3, M4)
101	0121F00316		ANGLE, DECK (M5)
111	0121F20176DG		PNL, FURNACE TOP (M1, M2)
111	0121F20177DG		PNL, FURNACE TOP (M3, M4)
111	0121F20178DG		PNL, FURNACE TOP (M5)
121	0121F00313		ANGLE, SIDE (QTY 2)
201	0164M20000		HOSE, PRESSURE
211	0164M20002		HOSE, PRESSURE (M3, M4, M5)
221	10690402		SWITCH-INTERLOCK
231	0164F20005		FLUE PIPE
241	0164F00029		ELBOW-FLUE, UPFLOW
251	0154F00041		FRESH AIR GASKET (QTY 2)
271	0171M00009		MOTOR, ID BLOWER
281	0161F00037		COUPLING
291	0130F00429		PRESSURE SWITCH
301	0130F00722		PRESSURE SWITCH (M3)
301	0130F00723		PRESSURE SWITCH (M1)
301	0130F00724		PRESSURE SWITCH (M2)
301	0130F00725		PRESSURE SWITCH (M4)
301	0130F00726		PRESSURE SWITCH (M5)
311	0121F20061		BOX, JUNCTION 80%
331	0121F20060		BOX, JUNCTION 90%
611	0163M00460		CLAMP HOSE (QTY 2)
791	0154F00015		GASKET (QTY 2)
811	0154F00014		GASKET (M1, M2)
811	0154F00016		GASKET (M3, M4)
811	20194607		GASKET (M5)
991	0121F00389		BRACKET, DOOR SWITCH
NS	M0326804		PLUG-TUBE

Expanded Model Nomenclature

M1 - DR97MC0603BNA A
M2 - DR97MC0803BNA A
M3 - DR97MC0804CNA A
M4 - DR97MC1005CNA A
M5 - DR97MC1205DNA A

Heat Exchange Assembly



HEAT EXCHANGE AND MANIFOLD ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Heat Exchange Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
11	0130F00008	IGNITOR-SINI 17 SEC	M1 - DR97MC0603BNAA
21	0151M00092	GAS VALVE, WR MOD	M2 - DR97MC0803BNAA
31	10716005	ORIFICE (QTY 3)	M3 - DR97MC0804CNAA
41	0130F00010	FLAME SENSOR	M4 - DR97MC1005CNAA
51	10123529	LIMIT-RESET MAN-GREEN (QTY 2)	M5 - DR97MC1205DNAA
61	0163F00008	MANIFOLD (M1)	
61	0163F00009	MANIFOLD (M3)	
61	0163F00010	MANIFOLD (M4)	
61	0163F00011	MANIFOLD (M5)	
61	0163F00014	MANIFOLD (M2)	
71	0163F00017	BECKETT BURNER (QTY 3)	
81	0121F00455	BRACKET-BURNER 3 (M1)	
81	0121F00454	BRACKET-BURNER 4 (M2, M3)	
81	0121F00453	BRACKET-BURNER 5 (M4)	
81	0121F00451	BRACKET-BURNER 6 (M5)	
111	0121F00458	ORIFICE BRACKET-BURNER 3 (M1)	
111	0121F00457	ORIFICE BRACKET-BURNER 4 (M2, M3)	
111	0121F00452	ORIFICE BRACKET-BURNERS 5 (M4)	
111	0121F00447	ORIFICE BRACKET-BURNERS 6 (M5)	
131	0161F00018	COVER, FRONT (M4)	
131	0161F00031	COVER, FRONT (M2)	
131	0161F00056	COVER, FRONT (M1)	
131	0161F00065	COVER,FRONT (M3)	
131	0161F00066	COVER,FRONT (M5)	
141	0154F00026	GASKET FRONT COVER (M1, M2)	
141	0154F00030	GASKET FRONT COVER (M3, M4)	
141	0154F00034	GASKET FRONT COVER (M5)	
151	0257F20093	HEAT EXCHANGER ASSY (M1)	
151	0257F20094	HEAT EXCHANGER ASSY (M2)	
151	0257F20095	HEAT EXCHANGER ASSY (M3)	
151	0257F20096	HEAT EXCHANGER ASSY (M4)	
151	0257F20097	HEAT EXCHANGER ASSY (M5)	
161	M0326804	TUBE PLUG	
171	0121F00540	SHEILD, BURNER (M1)	
171	0121F00541	SHEILD, BURNER (M2, M3)	
171	0121F00542	SHEILD, BURNER (M4)	
171	0121F00543	SHEILD, BURNER (M5)	
181	0154F00043	GASKET ID BLOWER	
231	A1781105	CAP-VINYL .500	
261	0121F00317	COVER, REAR (M1, M2)	
261	0121F00318	COVER, REAR (M3, M4)	
261	0121F00319	COVER, REAR (M5)	
271	0154F00037	GASKET, REAR CVR (M1, M2)	
271	0154F00038	GASKET, REAR CVR (M3, M4)	
271	0154F00039	GASKET, REAR CVR (M5)	
371	0130F00036	LIMIT, PRIMARY (M1)	
371	20162903	LIMIT, PRIMARY (M3, M4)	
371	20162904	LIMIT, PRIMARY (M5)	
371	20162906	LIMIT, PRIMARY (M2)	
NS	0121F00415	AIR FURN BAFFLE	
NS	0121F00583	INSULATION, RETAINER (M1, M2)	
NS	0121F00584	INSULATION, RETAINER (M3, M4)	
NS	0121F00585	INSULATION, RETAINER (M5)	
NS	0121F20013	PLATE, HEAT SHIELD	
NS	0121F20013	PLATE, HEAT SHIELD	
NS	0121F00355	SHIELD, COIL (QTY 2)	