



REPAIR PARTS

GPC14 Horizontal Package Cooling Units

GPC1424H41ED
GPC1430H41GA
GPC1430H41GB
GPC1436H41DF



This manual is to be used by qualified technicians only.

This manual replaces RP-G3302.

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RP-G3302A

www.goodmanmfg.com

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Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 11

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

Goodman Manufacturing 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, Goodman Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Goodman Manufacturing 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:

Homeowner Support

Goodman Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

877-254-4729-Telephone

713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division

Goodman Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

Part

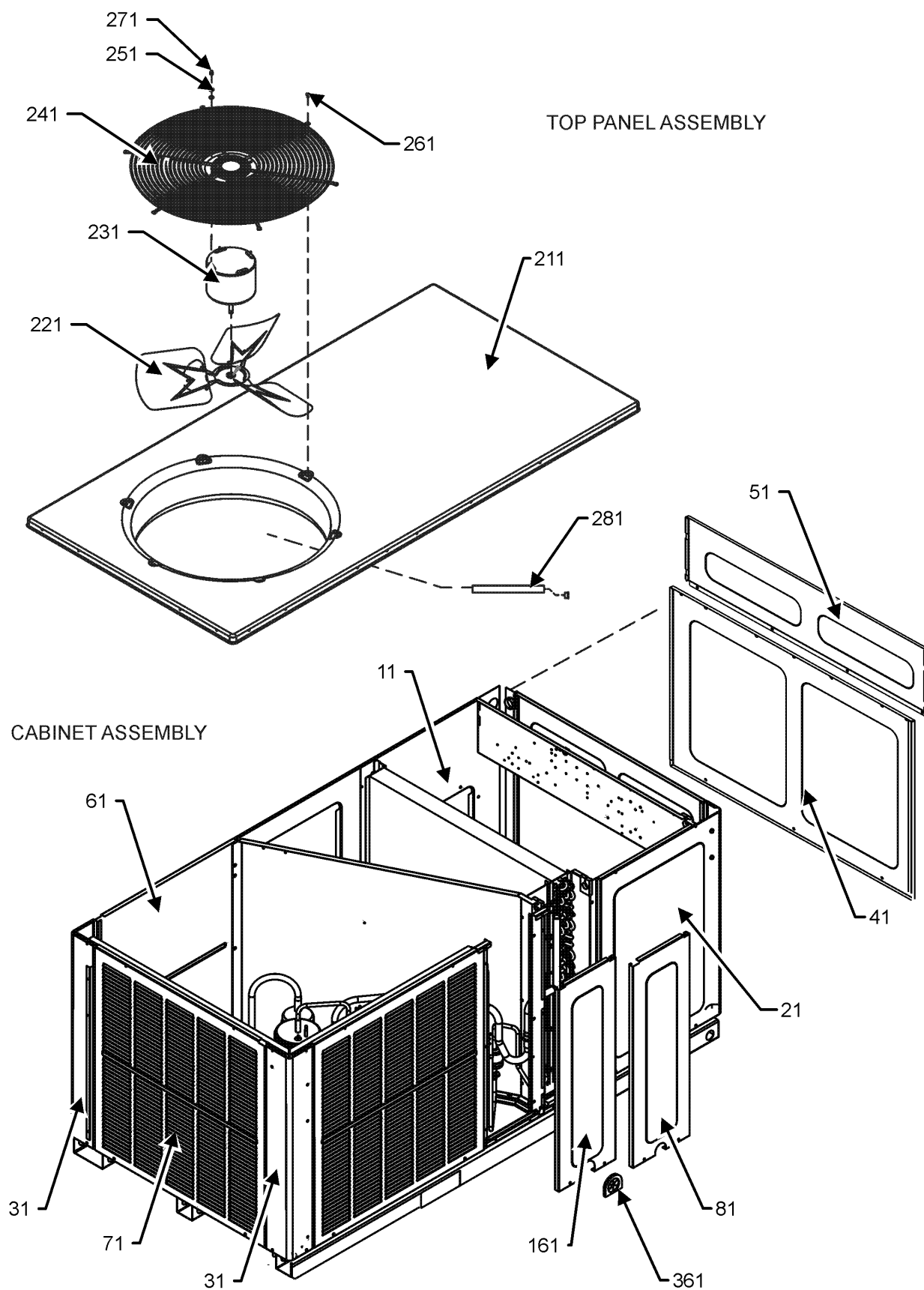
No: Description:

50N492ZV-ZAKM	2.0TONRECHI COMPR.4 LEGS (M1)
B1368016	BLOWER WHEEL 10 X 8
CAP050450440CT	CAP, 5/45 MFD/440V/DUAL RD (M1, M4)
CAP050350440CS	CAPACITOR 5/35/440V (M2, M3)
ZP25K6EPFV120	COMP, 34200, 208/230/60/1 (M2, M3)
ZP31K5EPFV130	COMP,31100,208/230/60/1 (M4)
0131M00009P	COND MOTOR 1/6 HP, 1 SP, 8 PL (M2)
CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V
0131M00750M	CONTROLLERLESS MOTOR
B1086765	FAN BLADE TYPE 3 (M4)
0150M00055	FAN BLADE, 22" (M1, M2, M3)
0130M00074	HIGH PRESSURE SWITCH (M1)
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M3)
0131M00951	Motor, OD, PSC, 1/4 HP (M4)
0131M00488	PROGRAMMED CONTROLLER (M1)
0131M00597	PROGRAMMED CONTROLLER (M4)
0131M00869	PROGRAMMED CONTROLLER (M2, M3)
0130M00138	TRANSFORMER, 208/230, 24V

Expanded Model Nomenclature

M1 - GPC1424H41ED
M2 - GPC1430H41GA
M3 - GPC1430H41GB
M4 - GPC1436H41DF

Top Panel and Cabinet Assembly



Top Panel and Cabinet Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

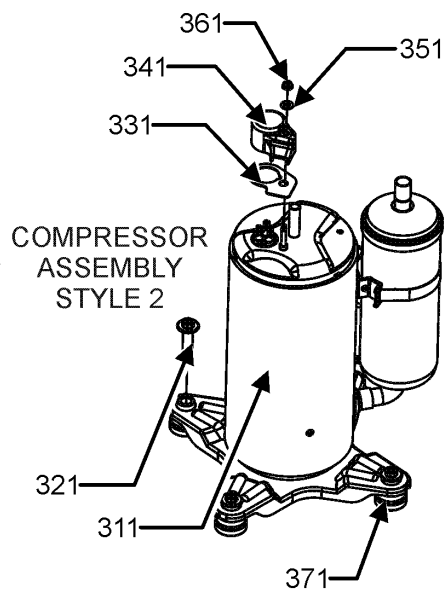
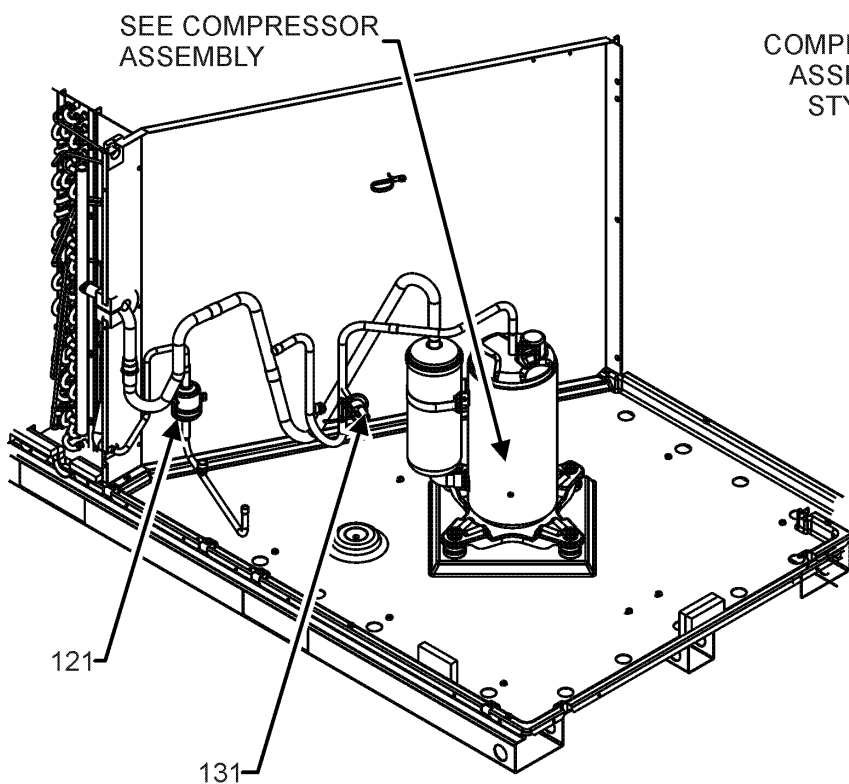
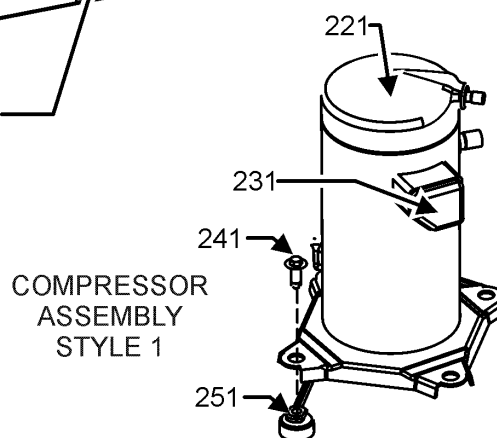
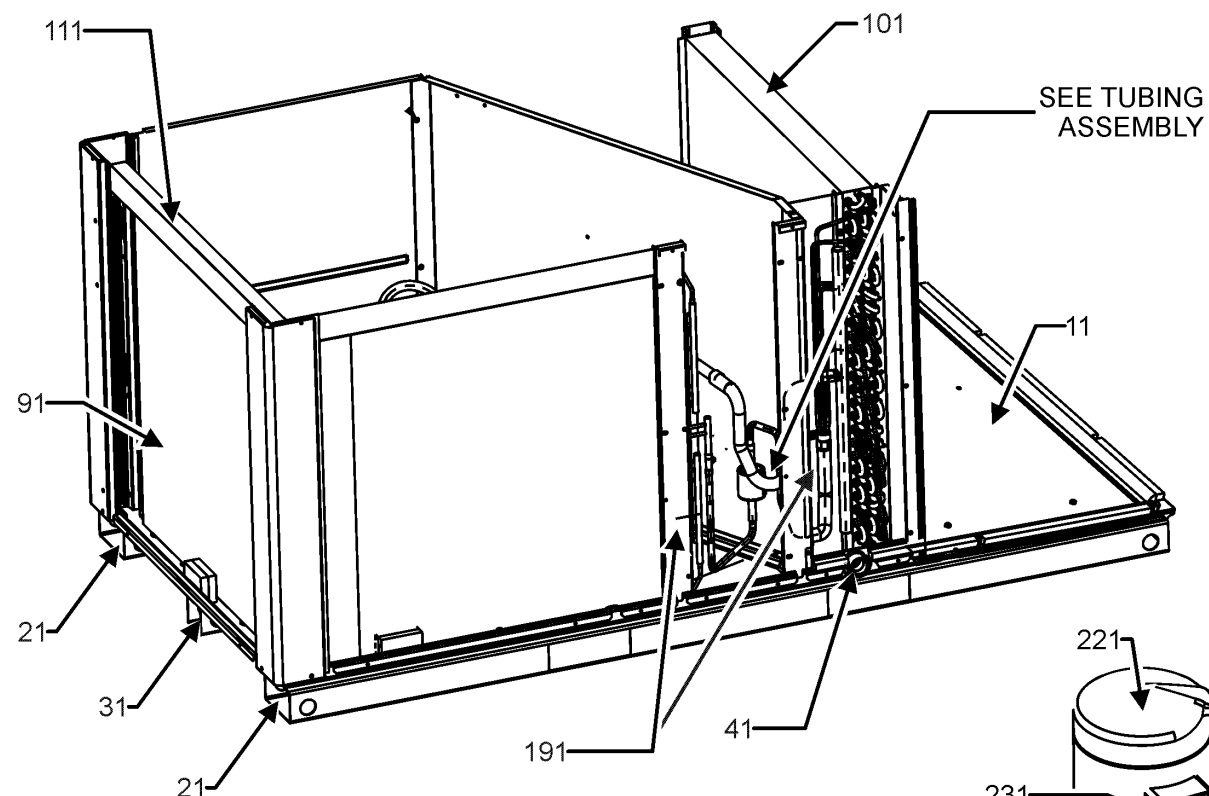
Image 1:

11	0121G00667PDG	DUCT PANEL 27.5"
21	0121G00664DG	CORNER PANEL 27.5"
31	0121G00047PDG	CORNER POST 27.5" (M4)
31	0121G00516DG	CORNER POST, 27.5" (M1, M2, M3)
41	0121G00271DG	EXTERNAL BLOWER PANEL 27.5"
51	0121G00276DG	EXTERNAL CONTROL BOX PANEL
61	0121G00069PDG	PNL, LVR, 27.5" 4BANK (M4)
61	0121G00517DG	PNL, NO LVR 27.5" PAINTED (M1, M2, M3)
71	0121G00072PDG	PNL, LVR, 27.5" 5BANK (QTY 2)
81	0121G00065PDG	PNL, EVAP, 8.75" X 27.5"
161	0121G00711DG	COMPRESSOR PANEL (M1, M2, M3)
161	0121G00713DG	COMPRESSOR PANEL (M4)
211	0121G00274DG	TOP PANEL PAINTED
221	B1086765	FAN BLADE TYPE 3 (M4)
221	0150M00055	FAN BLADE, 22" (M1, M2, M3)
231	0131M00009P	COND MOTOR 1/6 HP, 1 SP, 8 PL (M2)
231	0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M3)
231	0131M00951	Motor, OD, PSC, 1/4 HP (M4)
241	0152G00003	FAN GRILLE
251	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)
261	M0221817	SMALL SCREW (QTY 7)
271	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
281	0161G00016	CONDUIT PVC
361	0164G00005	GROMMET-HORSESHOE 1.675
NS	B1392012	GROMMET / HS 1.0 - .79

Expanded Model Nomenclature

M1 - GPC1424H41ED M2 - GPC1430H41GA M3 - GPC1430H41GB M4 - GPC1436H41DF
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Tubing Assembly



TUBING ASSEMBLY

Tubing Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

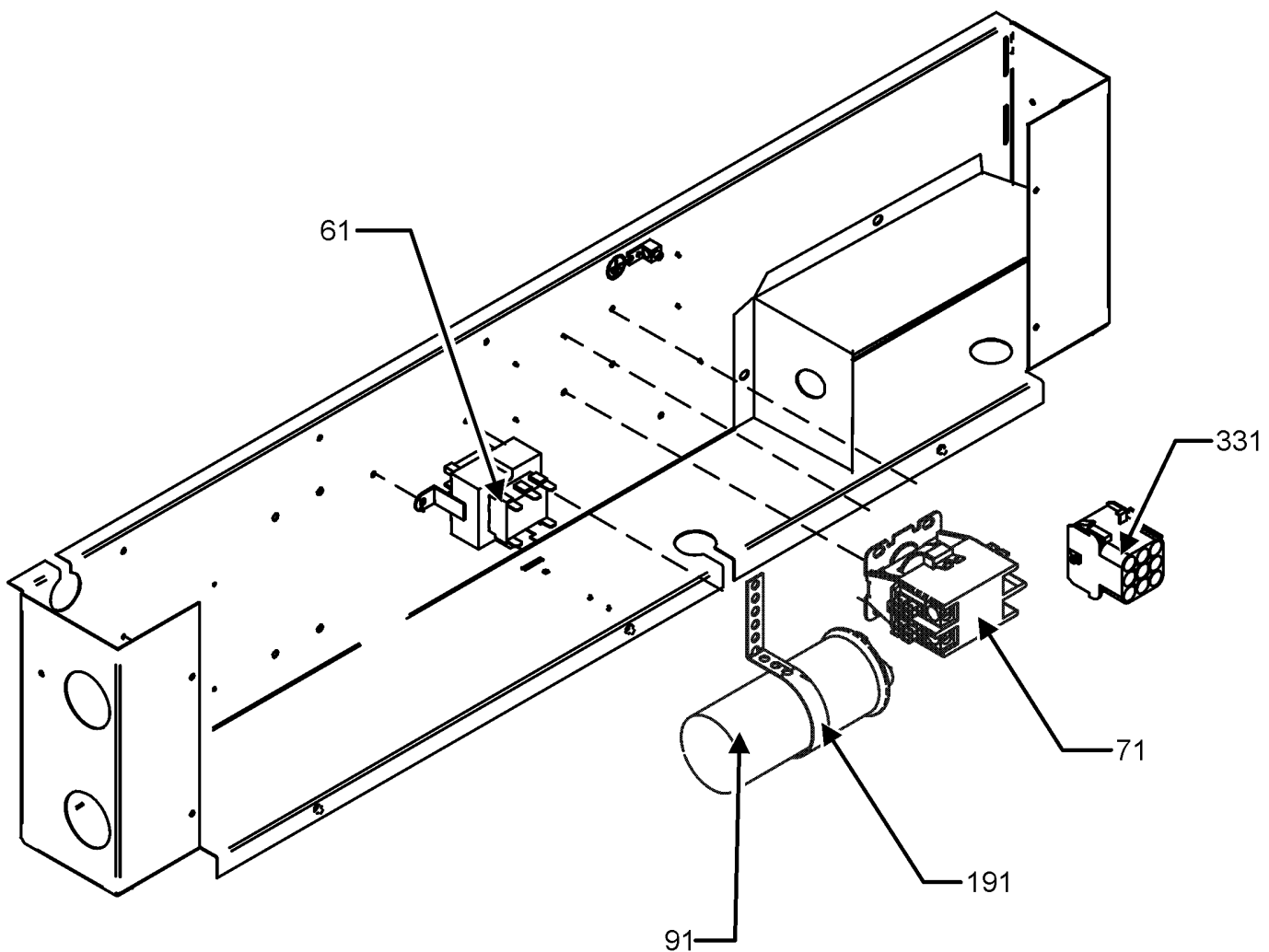
11	0121G00046P	PAN,BASE
21	0121G00044PRF	BASEPAN RAIL (QTY 2)
31	0121G00325	BASE PAN SUPPORT RAIL
41	0161G00000P	DRIP PAN
91	0201G00183	CONDENSER COIL ASSY (M4)
91	0201G00308	CONDENSER COIL ASSY (M1, M2, M3)
101	0202G00552	COIL TUBING ASSY (M4)
101	0202G00708	COIL TUBING ASSY (M1)
101	0202G00710	COIL TUBING ASSY (M2, M3)
111	0121G00368	CONDENSER COIL BLOCKOFF (M4)
111	0121G00519	CONDENSER COIL BLOCKOFF (M1, M2, M3)
121	B1219212	SINGLE-FLOW FILTER DRIER, STEEL
131	0130M00074	HIGH PRESSURE SWITCH (M1)
191	0121G00045P	POST 27.5" (QTY 2)
221	ZP25K6EPFV120	COMP, 34200, 208/230/60/1 (M2, M3)
221	ZP31K5EPFV130	COMP,31100,208/230/60/1 (M4)
231	0159G00004	COMPRESSOR SCROLL HARNESS (M2, M3, M4)
241	M0221641	TF SHOULDER SCREW (M2, M3, M4)
251	B1339533	COMPRESSOR GROMMET (M2, M3, M4)
311	50N492ZV-ZAKM	2.0TONRECHI COMPR.4 LEGS (M1)
321	0163M00186	SCREW-SHOULDER TF (M1)
331	60100107	TERMINAL COVER GASKET (M1)
341	60100317	TERMINAL COVER (M1)
351	60100201	WASHER - RECHI COMPRESSOR (M1)
361	60100401	TERMINAL NUT - RECHI COMP (M1)
371	60140209	GROMMET - RECHI COMPRESSOR (M1)
NS	B1373315	ACCESS FITTING (QTY 2)
NS	0163M00175	CAP WITH O-RING (QTY 2)
NS	0128G00052	EVAP DRIP SHIELD

Expanded Model Nomenclature

M1 - GPC1424H41ED M2 - GPC1430H41GA M3 - GPC1430H41GB M4 - GPC1436H41DF
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Control Box Assembly

CONTROL BOX ASSEMBLY



Control Box Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

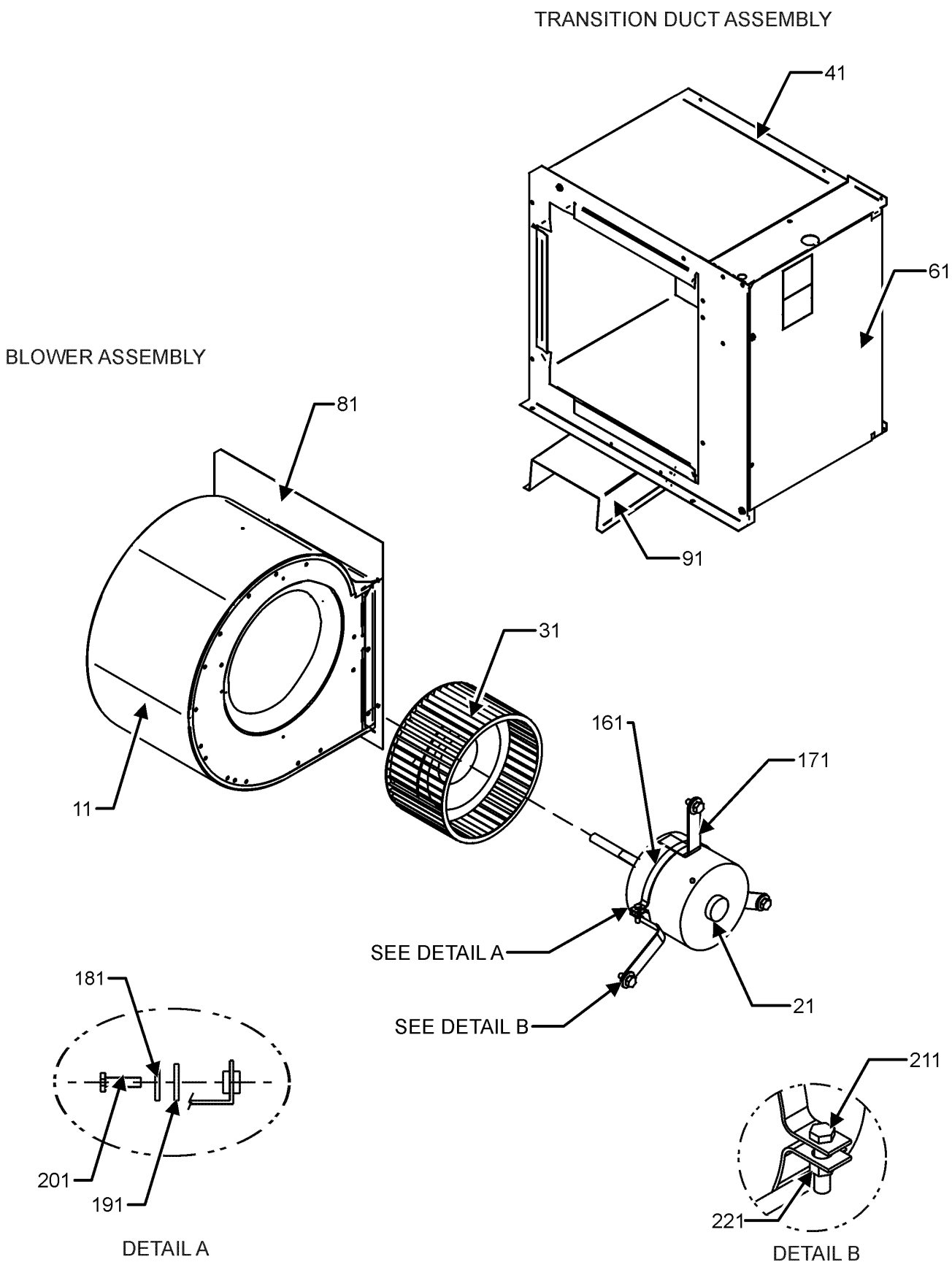
Image 1:

61	0130M00138	TRANSFORMER, 208/230, 24V
71	CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V
91	CAP050450440CT	CAP, 5/45 MFD/440V/DUAL RD (M1, M4)
91	CAP050350440CS	CAPACITOR 5/35/440V (M2, M3)
131	0259G00021	WIRE HARNESS, ELECTRIC HEAT
191	20520901	CAPACITOR STRAP

Expanded Model Nomenclature

M1 - GPC1424H41ED
M2 - GPC1430H41GA
M3 - GPC1430H41GB
M4 - GPC1436H41DF

Blower and Transition Duct Assembly



Blower and Transition Duct Assembly

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

11	10324248	HSG WELD- 10X8 BWR
21	0131M00750M	CONTROLLERLESS MOTOR
21	0131M00488	PROGRAMMED CONTROLLER (M1)
21	0131M00597	PROGRAMMED CONTROLLER (M4)
21	0131M00869	PROGRAMMED CONTROLLER (M2, M3)
31	B1368016	BLOWER WHEEL 10 X 8
41	0270G00025P	TRANSITION DUCT ASSY-ALL
61	0121G00726	PL, HK COVER
81	0121G00035P	BLOWER MOUNT 10 X 8
91	0121G00040P	BLOWER SUPPORT
161	0121M00038	MOTOR MOUNT BAND
171	B1376853	MOTOR MOUNT ARM (QTY 3)
181	B1392820	WASHER, SPLIT LOCK 1/4 BZ (QTY 3)
191	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 3)
201	M0250565	TC SCREW 1.25" (QTY 3)
211	B1393323	MACHINE SCREW HWH 1/4-20 X 1-1/2 BZ
221	B1393800	LOCKNUT, NYLON, INSERT 1/4, 20
NS	C6121810	BLOWER CUT-OFF

Expanded Model Nomenclature

M1 - GPC1424H41ED M2 - GPC1430H41GA M3 - GPC1430H41GB M4 - GPC1436H41DF
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