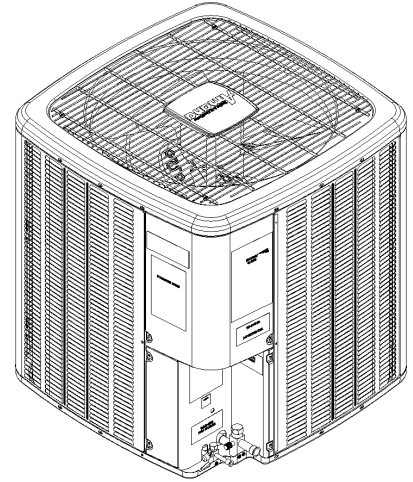




REPAIR PARTS

ASX16 Remote Condensing Unit

ASX160181FC
ASX160241FD
ASX160241FE
ASX160301FD
ASX160301FE
ASX160311AC
ASX160361FC
ASX160421FC
ASX160481FC
ASX160481FD
ASX160481FE
ASX160601FD
ASX160611FC
ASX160611FD



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This manual is to be used by qualified technicians only.

This manual replaces RP-A4312B.

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Important Information

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Functional Parts List	3
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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

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

Goodman 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 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 Company, L.P.

19001 Kermier Road

Waller, Texas 77484

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

Part

No: Description:

0151R00182	BALL VALVE 7/8" (M9, M10, M11, M12, M13, M14)
0151R00185	BASE VALVE 3/4" (M1, M2, M3)
0151R00187	BASE VALVE 3/8"
0151R00186	BASE VALVE 7/8" (M4, M5, M6, M7, M8)
CAB050350440CS	CAP, 5/35 MFD/440V RD - BPRF (M2, M3)
CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M4, M5, M6)
CAB050450440CT	CAP, 5/45 MFD/440V RD - BPRF (M7, M8, M9, M10, M11)
CAB050700440CT	CAP, 5/70 MFD/440V RD - BPRF (M12, M13, M14)
CAP050300440CS	CAP, 5/30MFD/440V/DUAL RD (M1)
ZP14K5EPFV130	COMP, 14650,208/230/60/1 (M1)
ZP20K5EPFV130	COMP, 20000,208/230/60/1 (M2, M3)
ZP24K5EPFV130	COMP, 24000,208/230/60/1 (M4, M5, M6)
ZP29K5EPFV130	COMP, 29000,208/230/60/1 (M7)
ZP34K5EPFV130	COMP, 34500,208/230/60/1 (M8)
ZP36K5EPFV130	COMP, 36200,208/230/60/1 (M9, M10, M11)
ZP44K5EPFV130	COMP, 44400,280/230/60/1 (M12)
ZP49K5EPFV130	COMP, 49400,208/230/60/1 (M13, M14)
CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC
571006600	CoreSense Module
0130R00056	CUT-OUT SWITCH, HIGH PRESSURE
0131M00761	ECM MOTOR - PROGRAMMED (IGBT) (M12)
0131M00968	MOTOR, 1/4HP, 1SP, 8PL, AL (M11, M14)
0131M00807	MOTOR, 1/4HP, 1SP, 8PL, AL (M9, M10, M13)
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M2, M4, M8)
0131M00971	MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M3, M5, M6, M7)

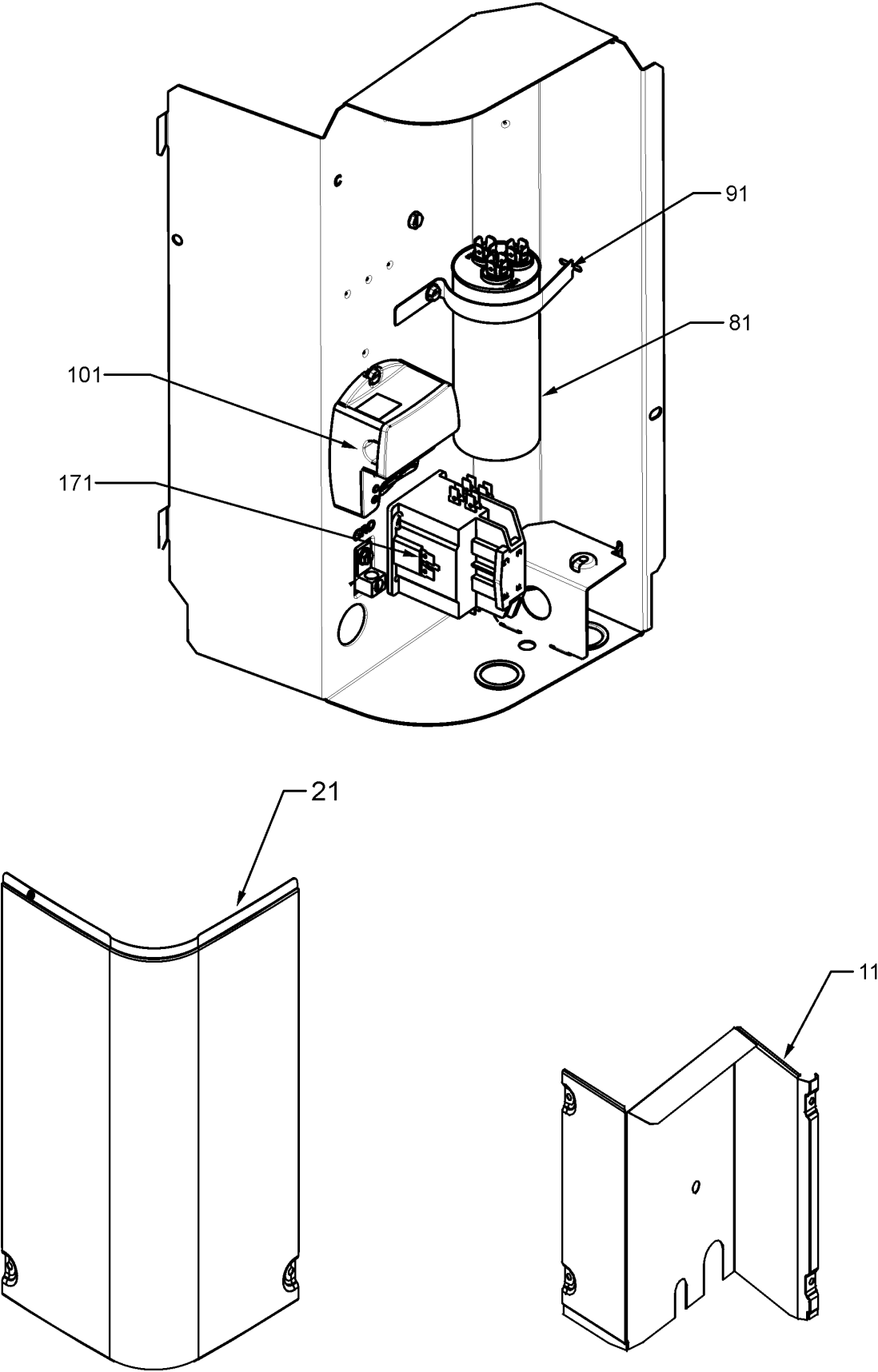
SPECIAL PARTS

0161R00086	CAP, GRILL
0161R00087	NAMEPLATE, AMANA LOGO

Expanded Model Nomenclature

M1 - ASX160181FC
M2 - ASX160241FD
M3 - ASX160241FE
M4 - ASX160301FD
M5 - ASX160301FE
M6 - ASX160311AC
M7 - ASX160361FC
M8 - ASX160421FC
M9 - ASX160481FC
M10 - ASX160481FD
M11 - ASX160481FE
M12 - ASX160601FD
M13 - ASX160611FC
M14 - ASX160611FD

Control Box Assembly



Control Box Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

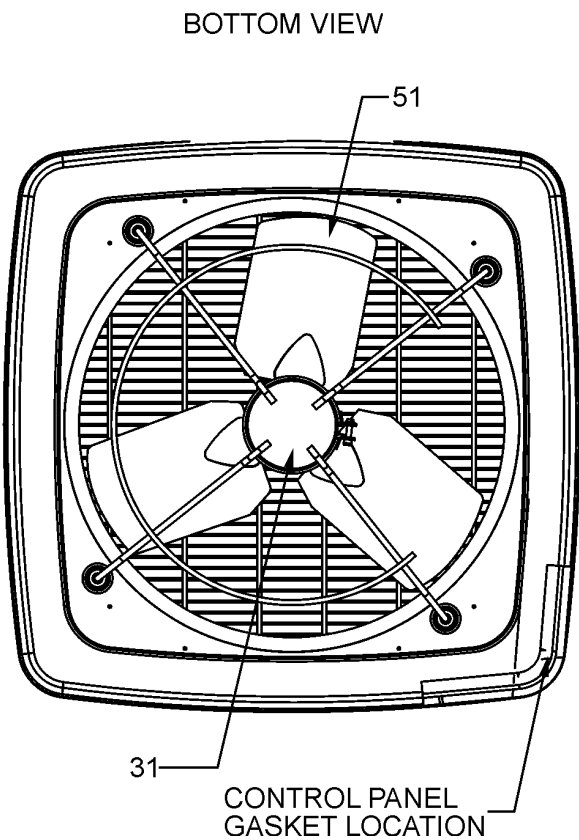
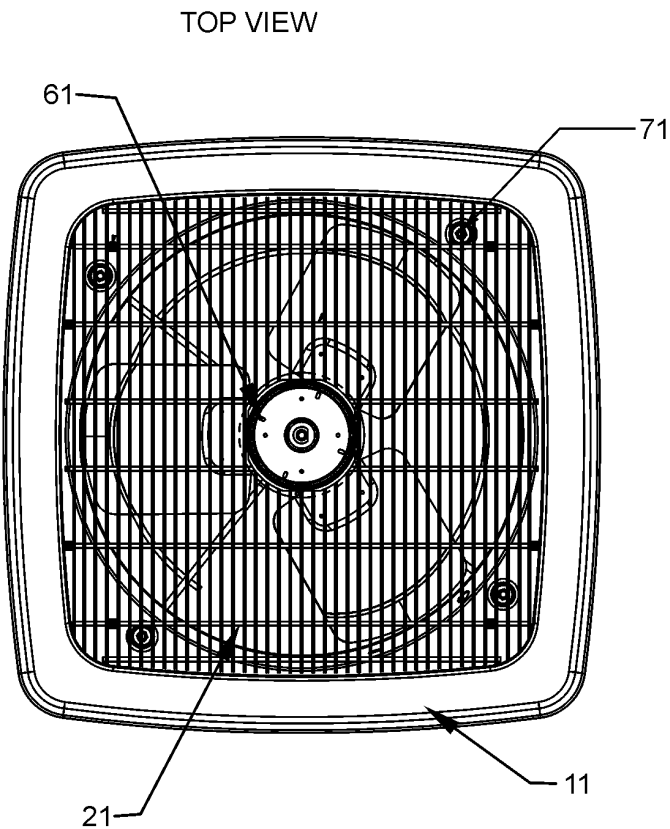
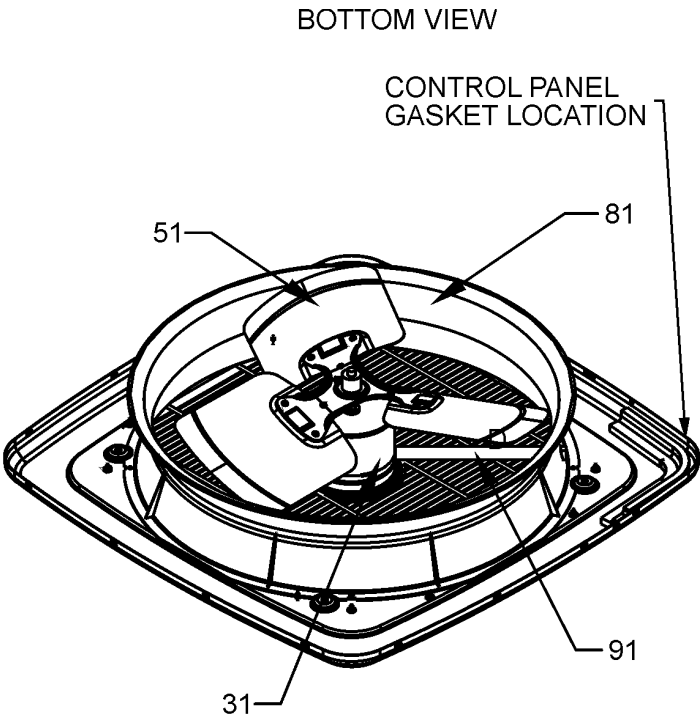
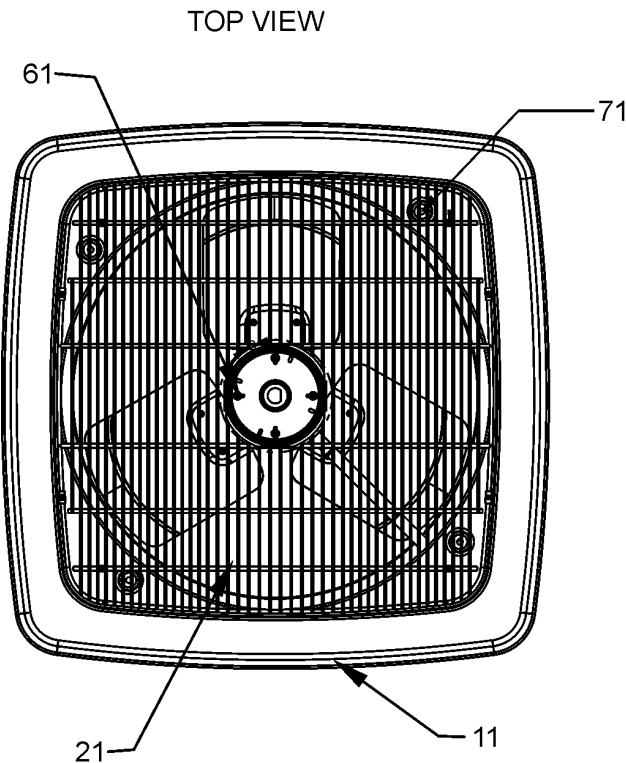
Image 1:

11	0121R00909PDG	PNL, LWR ACCESS (M6, M7, M9, M10, M11, M13, M14)
11	0121R00912PDG	PNL, LWR ACCESS (M4, M5, M8)
11	0121R00919PDG	PNL, LWR ACCESS (M1, M2, M3)
21	0121R00937PDG	CONTROL COVER, PNT
71	CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC
81	CAB050350440CS	CAP, 5/35 MFD/440V RD - BPRF (M2, M3)
81	CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M4, M5, M6)
81	CAB050450440CT	CAP, 5/45 MFD/440V RD - BPRF (M7, M8, M9, M10, M11)
81	CAB050700440CT	CAP, 5/70 MFD/440V RD - BPRF (M12, M13, M14)
81	CAP050300440CS	CAP, 5/30MFD/440V/DUAL RD (M1)
91	4400065	CAPACITOR STRAP
101	571006600	CoreSense Module
NS	0161R00087	NAMEPLATE, AMANA LOGO

Expanded Model Nomenclature

M1 - ASX160181FC
 M2 - ASX160241FD
 M3 - ASX160241FE
 M4 - ASX160301FD
 M5 - ASX160301FE
 M6 - ASX160311AC
 M7 - ASX160361FC
 M8 - ASX160421FC
 M9 - ASX160481FC
 M10 - ASX160481FD
 M11 - ASX160481FE
 M12 - ASX160601FD
 M13 - ASX160611FC
 M14 - ASX160611FD

Cabient Top Assembly



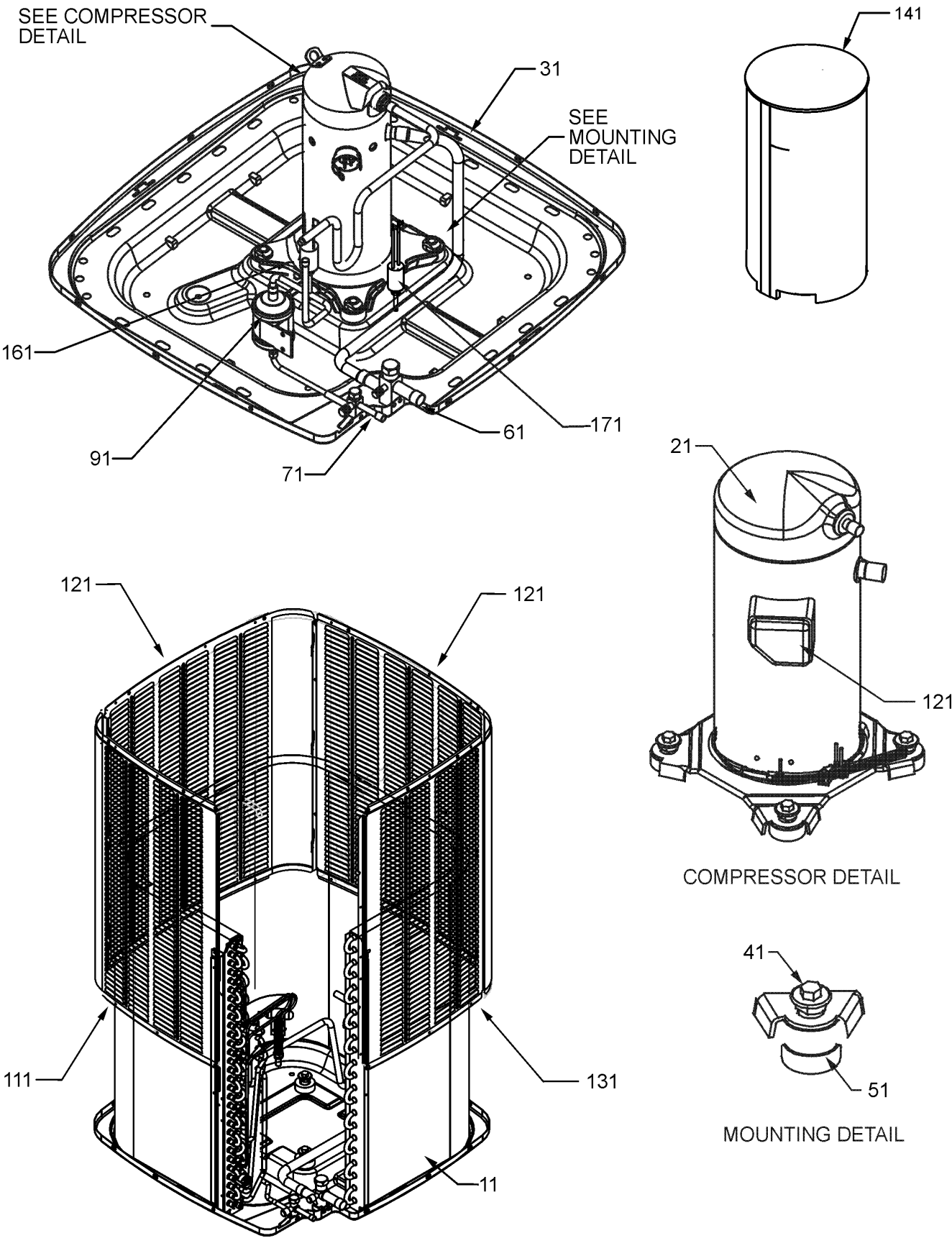
Cabient Top Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121R00576		TOP PANEL, GRILL/VENTURI MNT (M6)
11	0121R00011PDG		TOP PANEL, VENTURI 29" PNT (M1, M2, M3, M4, M5, M7)
11	0121R00013PDG		TOP PANEL, VENTURI 35" PNT (M8, M9, M10, M11, M12, M13, M14)
21	0152R00015		GRILLE, WIRE 29" TOP (M1, M2, M3, M4, M5, M6, M7)
21	0152R00016		GRILLE, WIRE 35" TOP (M8, M9, M10, M11, M12, M13, M14)
31	0131M00761		ECM MOTOR - PROGRAMMED (IGBT) (M12)
31	0131M00968		MOTOR, 1/4HP, 1SP, 8PL, AL (M11, M14)
31	0131M00807		MOTOR, 1/4HP, 1SP, 8PL, AL (M9, M10, M13)
31	0131M00753		MOTOR, 1/6HP, 1SP, 8PL, AL (M2, M4, M8)
31	0131M00971		MOTOR, 1/6HP, 1SP, 8PL, AL (M1, M3, M5, M6, M7)
51	0150M00010		BLADE-FAN 26" ALUM CCW (M12)
51	0150M00008		FAN BLADE, 22" TNT2203-25 (M1, M2, M3, M4, M5, M6, M7)
51	0150M00066		FAN BLADE, 26" (M8, M9, M10, M11, M13, M14)
61	M0280801		HEX NUT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M13, M14)
71	0163M00003P		SCREW #10 X 1/2, A, SLOT, SR, BLACK (QTY 4)
81	0161R00048		MOLDED RING-VENTURI 22 (M6)
91	0161R00123		CONDUIT (M1, M2, M3, M4, M5, M6, M7)
91	0161R00125		CONDUIT (M8, M9, M10, M11, M13, M14)
NS	0121R00003		BRACKET, MOTOR MOUNT (M12)
NS	0161R00086		CAP, GRILL
NS	0154R00045		GASKET, CONTROL PANEL
NS	B1393024		LOCK NUT (M12)
NS	B1393804		NYLON LOCKNUT, .31 - 18 (M12)
NS	0163M00129		SCREW, H2, .31 X 1.52 (M12)

Expanded Model Nomenclature

M1 - ASX160181FC
 M2 - ASX160241FD
 M3 - ASX160241FE
 M4 - ASX160301FD
 M5 - ASX160301FE
 M6 - ASX160311AC
 M7 - ASX160361FC
 M8 - ASX160421FC
 M9 - ASX160481FC
 M10 - ASX160481FD
 M11 - ASX160481FE
 M12 - ASX160601FD
 M13 - ASX160611FC
 M14 - ASX160611FD

Compressor, Tubing & Side Panel Assy



Compressor, Tubing & Side Panel Assy

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
11	0201R00434	NS	B1789857 FLOW CHECK PISTON KIT (M2, M3)
11	0201R00296	NS	B1789865 FLOW CHECK PISTON KIT (M4, M5, M6)
11	0201R00236	NS	B1789872 FLOW CHECK PISTON KIT (M7)
11	0201R00311	NS	B1789874 FLOW CHECK PISTON KIT (M8)
11	0201R00433	NS	B1789878 FLOW CHECK PISTON KIT (M9, M10, M11)
11	0201R00750	NS	B1789886 FLOW CHECK PISTON KIT (M12)
21	ZP14K5EPFV130	NS	B1789888 FLOW CHECK PISTON KIT (M13, M14)
21	ZP20K5EPFV130	Expanded Model Nomenclature	
21	ZP24K5EPFV130	M1 - ASX160181FC M2 - ASX160241FD M3 - ASX160241FE M4 - ASX160301FD M5 - ASX160301FE M6 - ASX160311AC M7 - ASX160361FC M8 - ASX160421FC M9 - ASX160481FC M10 - ASX160481FD M11 - ASX160481FE M12 - ASX160601FD M13 - ASX160611FC M14 - ASX160611FD	
21	ZP29K5EPFV130		
21	ZP34K5EPFV130		
21	ZP36K5EPFV130		
21	ZP44K5EPFV130		
21	ZP49K5EPFV130		
31	0121R00006PDG		
31	0121R00007PDG		
41	M0221641		
51	B1339533		
61	0151R00182		
61	0151R00185		
61	0151R00186		
71	0151R00187		
91	0162R00057		
111	0121R00200PLG		
111	0121R00202PLG		
111	0121R00203PLG		
111	0121R00240PLG		
111	0121R00239PLG		
111	4400464PLG		
121	0121R00204PLG		
121	0121R00205PLG		
121	0121R00206PLG		
121	0121R00244PLG		
121	0121R00243PLG		
121	4400466PLG		
131	0121R00193PLG		
131	0121R00194PLG		
131	0121R00195PLG		
131	0121R00248PLG		
131	0121R00247PLG		
131	4400468PLG		
141	0160M00035		
141	0160M00039		
151	0159R00002P		
151	0159R00001P		
161	0130R00056		
171	0130M00082		
171	0130M00347		
NS	B1789849		