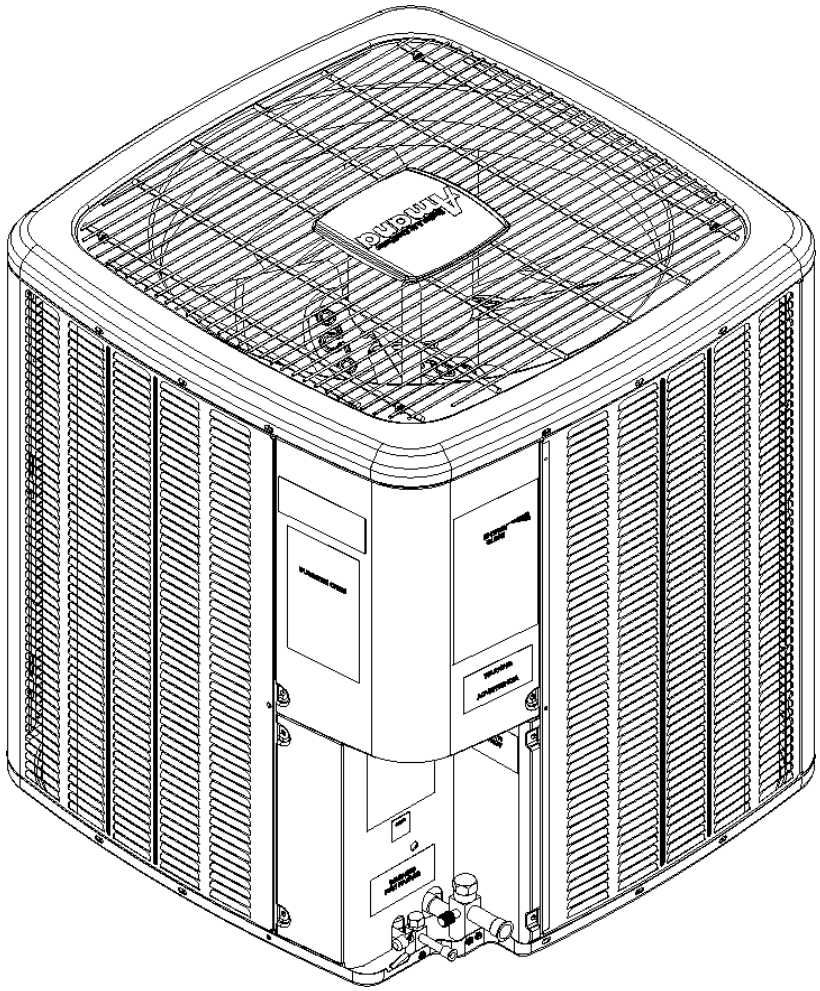
REPAIR PARTS

ASX16 Remote Condensing Unit

ASX160181FA
ASX160241FA
ASX160301FA
ASX160361FA
ASX160421FA
ASX160481FA
ASX160601FA
ASX160611FA



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This manual is to be used by qualified technicians only.

This manual replaces RP-773A.

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Functional Parts List 3

Illustration and Parts ..... 4 - 9

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:
Consumer Affairs Department
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
877-254-4729-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:
International Division
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part No:	Description:
B12825171	3/8” SERVICE VALVE
CAP050350440C	CAP, 5/35 MFD/440V/DUAL RD (M2)
CAP050400440RTP	CAP, 5/40 MFD/440V/DUAL RD (M3)
CAP050450440RTP	CAP, 5/45 MFD/440V/DUAL RD (M4, M5, M6)
CAP050700440RTP	CAP, 5/70 MFD/440V/DUAL RD (M7, M8)
CAP050300440RS	CAPACITOR 5/30/370V (M1)
ZP14K5EPFV130	COMP, 14650,208/230/60/1 (M1)
ZP20K5EPFV130	COMP,20000,208/230/60/1 (M2)
ZP34K5EPFV130	COMP,34500,208/230/60/1 (M5)
ZP36K5EPFV130	COMP,36200,208/230/60/1 (M6)
ZP44K5EPFV130	COMP,44400,280/230/60/1 (M7)
ZP49K5EPFV130	COMP,49400,208/230/60/1 (M8)
ZP24K5EPFV130	COMPRESSOR 24000, 208/230/60/1 (M3)
ZP29K5EPFV130	COMPRESSOR 29000, 208/230/60/1 (M4)
0131M00061	COND MOTOR 1/4 HP, 1 SP, 8 PL (M6, M8)
0131M00016P	COND MOTOR 1/6 HP, 1 SP, 8 PL (M1, M2, M3, M4, M5)
CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4)
CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M5, M6, M7, M8)
571006600	CoreSense Module
0150M00008	FAN BLADE 22" TNT2203-25 (M1, M2, M3, M4)
0150M00010	FAN BLADE 26" ALUM CCW (M7)
10625738	FAN BLADE 26" ALUM CCW (M5, M6, M8)
0163R00003	HEATER, CRANKCASE 230V 40W (M7)
0131M00401	MOTOR, ECM (M7)
0130R00056	SW-CUTOUT HI PRESS
0151R00032	VALVE, BASE 3/4" OPEN LEFT (M1, M2)
0151R00033	VALVE, BASE 7/8" OPEN LEFT (M3, M4, M5, M6, M7, M8)

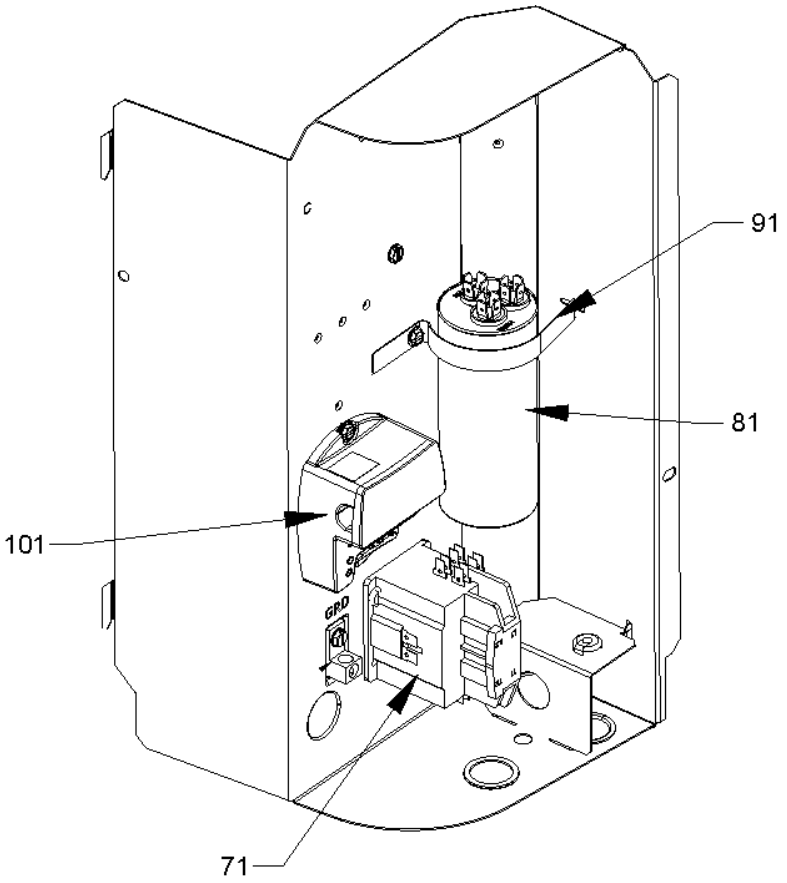
SPECIAL PARTS

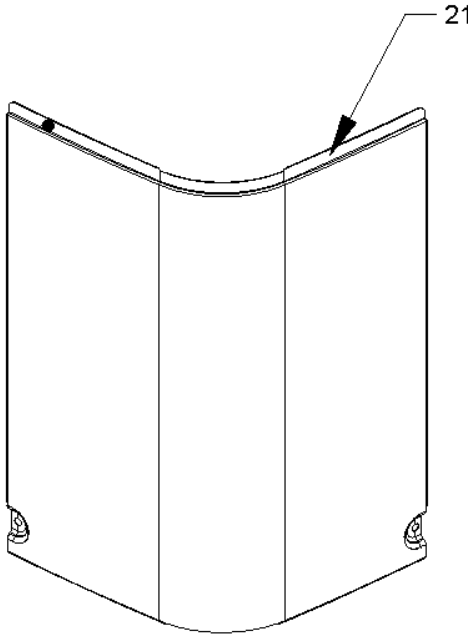
0161R00010P	AMANA NAMEPLATE

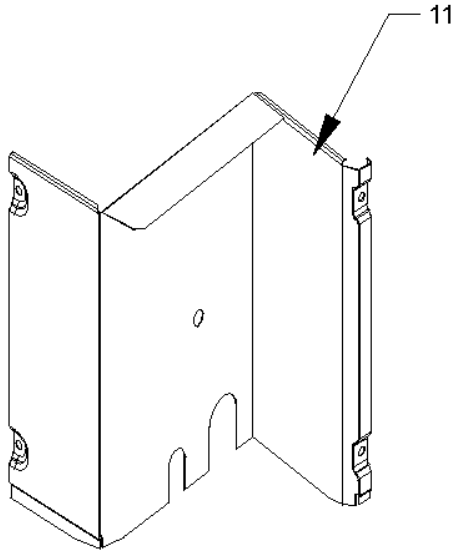
Expanded Model Nomenclature

M1 - ASX160181FA
M2 - ASX160241FA
M3 - ASX160301FA
M4 - ASX160361FA
M5 - ASX160421FA
M6 - ASX160481FA
M7 - ASX160601FA
M8 - ASX160611FA

Control Box







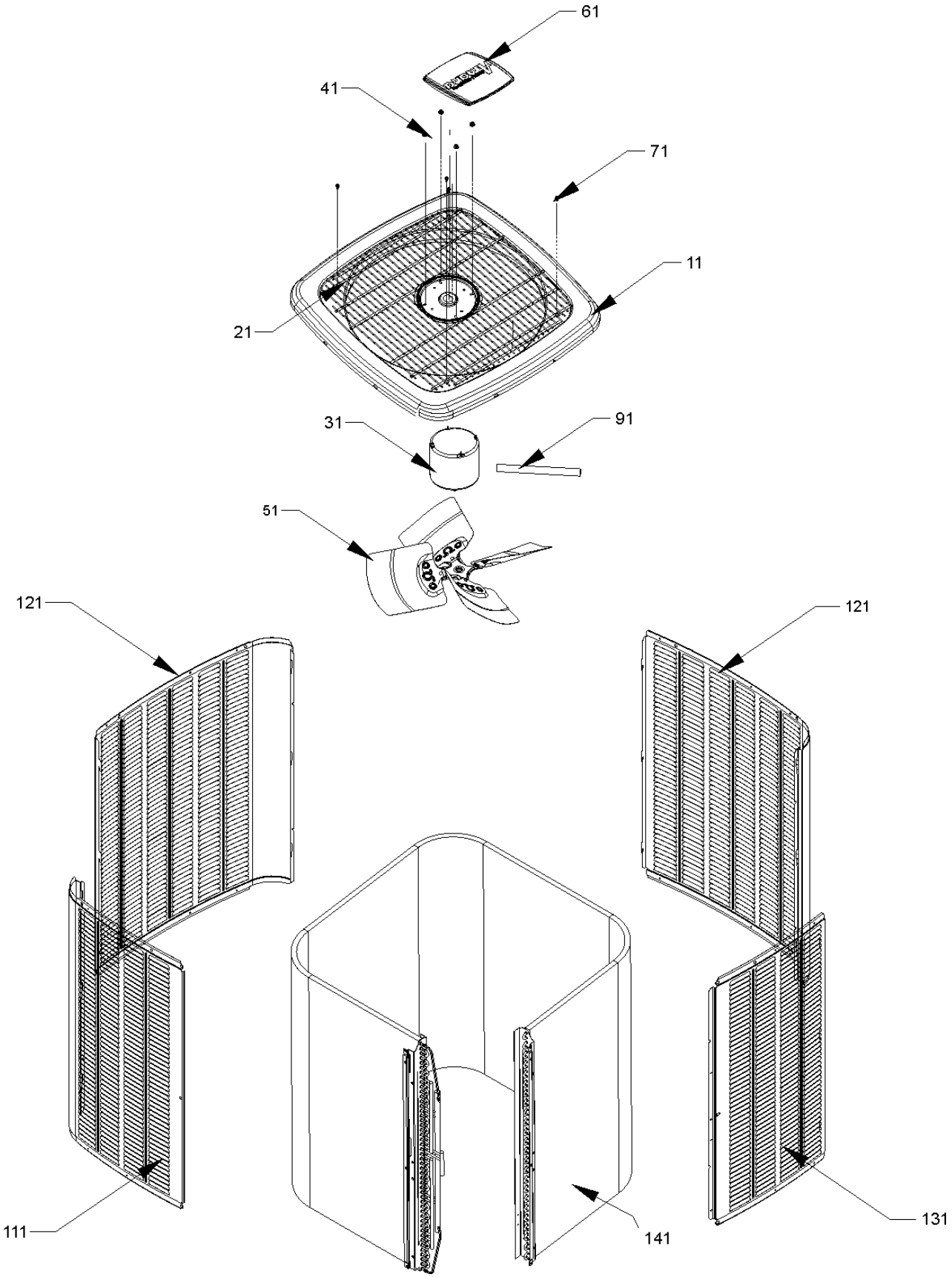
Control Box

Ref. No:	Part No:	Description:
Image 1:		
11	0121R00316PDG	PANEL, LOWER ACCESS PNT (M4, M6, M8)
11	0121R00318PDG	PANEL, LOWER ACCESS PNT (M7)
11	0121R00319PDG	PANEL, LOWER ACCESS PNT (M3, M5)
11	0121R00322PDG	PANEL, LOWER ACCESS PNT (M1, M2)
21	0121R00053PDG	CONTROL COVER
71	CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4)
71	CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M5, M6, M7, M8)
81	CAP050350440C	CAP, 5/35 MFD/440V/DUAL RD (M2)
81	CAP050400440RTP	CAP, 5/40 MFD/440V/DUAL RD (M3)
81	CAP050450440RTP	CAP, 5/45 MFD/440V/DUAL RD (M4, M5, M6)
81	CAP050700440RTP	CAP, 5/70 MFD/440V/DUAL RD (M7, M8)
81	CAP050300440RS	CAPACITOR 5/30/370V (M1)
91	4400065	CAPACITOR STRAP
101	571006600	CoreSense Module
NS	0161R00010P	AMANA NAMEPLATE

Expanded Model Nomenclature

M1 - ASX160181FA
M2 - ASX160241FA
M3 - ASX160301FA
M4 - ASX160361FA
M5 - ASX160421FA
M6 - ASX160481FA
M7 - ASX160601FA
M8 - ASX160611FA

Cabient Top / Side Panels



Cabient Top / Side Panels

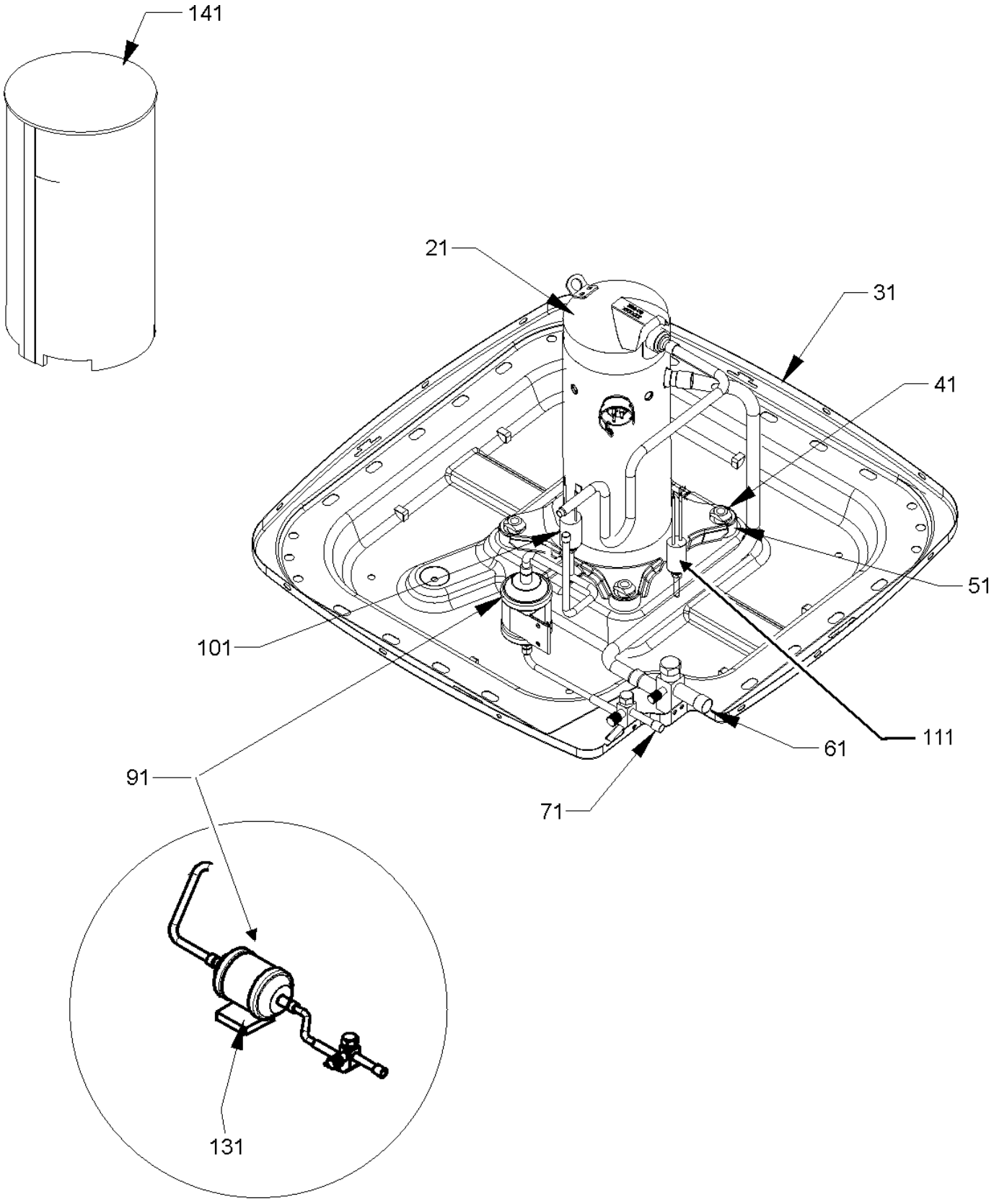
Image 1:

Ref. No:	Part No:	Description:
11	0121R00011PDG	VENTURI TOP PANEL 29" (M1, M2, M3, M4)
11	0121R00013PDG	VENTURI TOP PANEL 35" (M5, M6, M7, M8)
21	0152R00011	GRILLE, WIRE 29" TOP (M1, M2, M3, M4)
21	0152R00014	GRILLE, WIRE 35" TOP (M5, M6, M7, M8)
31	0131M00061	COND MOTOR 1/4 HP, 1 SP, 8 PL (M6, M8)
31	0131M00016P	COND MOTOR 1/6 HP, 1 SP, 8 PL (M1, M2, M3, M4, M5)
31	0131M00401	MOTOR, ECM (M7)
41	M0280801	HEX NUT (M1, M2, M3, M4, M5, M6, M8)
41	B1393024	LOCK NUT (M7)
51	0150M00008	FAN BLADE 22" TNT2203-25 (M1, M2, M3, M4)
51	0150M00010	FAN BLADE 26" ALUM CCW (M7)
51	10625738	FAN BLADE 26" ALUM CCW (M5, M6, M8)
61	0161R00008P	AMANA LOGO CAP
71	0163M00003P	SCREW #10 X 1/2, A, SLOT, SR, BLACK (QTY 6)
91	0161R00002P	CONDUIT (M1, M2, M3, M4)
91	0161R00004P	CONDUIT (M5, M6, M8)
111	0121R00203PLGB	LOUVERED SIDE PANEL (M4)
111	4400464PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M7)
111	0121R00200PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M1, M2)
111	0121R00202PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M3)
111	0121R00239PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M5)
111	0121R00240PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M6, M8)
121	0121R00204PLGB	LOUVERED SIDE PANEL (M1, M2)
121	0121R00205PLGB	LOUVERED SIDE PANEL (M3)
121	0121R00206PLGB	LOUVERED SIDE PANEL (M4)
121	0121R00243PLGB	LOUVERED SIDE PANEL (M5)
121	0121R00244PLGB	LOUVERED SIDE PANEL (M6, M8)
121	4400466PLGB	LOUVERED SIDE PANEL (M7)
131	0121R00193PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M1, M2)
131	0121R00194PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M3)
131	0121R00195PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M4)
131	0121R00247PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M5)
131	0121R00248PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M6, M8)
131	4400468PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M7)
141	0201R00236	COIL TUBING ASSY (M4)
141	0201R00296	COIL TUBING ASSY (M1, M2)
141	0201R00311	COIL TUBING ASSY (M5)
141	0201R00315	COIL TUBING ASSY (M3)
141	0201R00433	COIL TUBING ASSY (M6, M8)
141	0201R00434	COIL TUBING ASSY (M7)

Expanded Model Nomenclature

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M4 - ASX160361FA
M5 - ASX160421FA
M6 - ASX160481FA
M7 - ASX160601FA
M8 - ASX160611FA

Compressor / Tubing Assembly



Compressor / Tubing Assembly

Ref. No:	Part No:	Description:
Image 1:		
21	ZP14K5EPFV130	COMP, 14650,208/230/60/1 (M1)
21	ZP20K5EPFV130	COMP,20000,208/230/60/1 (M2)
21	ZP34K5EPFV130	COMP,34500,208/230/60/1 (M5)
21	ZP36K5EPFV130	COMP,36200,208/230/60/1 (M6)
21	ZP44K5EPFV130	COMP,44400,280/230/60/1 (M7)
21	ZP49K5EPFV130	COMP,49400,208/230/60/1 (M8)
21	ZP24K5EPFV130	COMPRESSOR 24000, 208/230/60/1 (M3)
21	ZP29K5EPFV130	COMPRESSOR 29000, 208/230/60/1 (M4)
31	0121R00006PDG	BASE PAN 29" (M1, M2, M3, M4)
31	0121R00007PDG	BASE PAN 35" (M5, M6, M7, M8)
41	M0221641	TF SHOULDER SCREW (QTY 4)
51	B1339533	COMPRESSOR GROMMET (QTY 4)
61	0151R00032	VALVE, BASE 3/4" OPEN LEFT (M1, M2)
61	0151R00033	VALVE, BASE 7/8" OPEN LEFT (M3, M4, M5, M6, M7, M8)
71	B12825171	3/8" SERVICE VALVE
91	0162R00009	FILTER DRIER
101	0130R00056	SW-CUTOUT HI PRESS
111	0130M00082	LOW PRESSURE SWITCH
131	0141R00061	FOAM BLOCK, FILTER DRYER (M7)
141	B1488806	COMPRESSOR SOUND BLANKET (M5, M6, M7, M8)
141	B1488807	COMPRESSOR SOUND BLANKET (M4)
141	B1488810	COMPRESSOR SOUND BLANKET (M1, M2, M3)
NS	0159R00002P	COMPRESSOR SCROLL HARNESS
NS	B1789872	FLOW CHECK PISTON KIT (M4)
NS	B1789886	FLOW CHECK PISTON KIT (M7)
NS	B1789849	FLOW CHECK PISTON KIT .049 (M1)
NS	B1789857	FLOW CHECK PISTON KIT .057 (M2)
NS	B1789865	FLOW CHECK PISTON KIT .065 (M3)
NS	B1789874	FLOW CHECK PISTON KIT .074 (M5)
NS	B1789878	FLOW CHECK PISTON KIT .078 (M6)
NS	B1789888	FLOW CHECK PISTON KIT .088 (M8)
NS	0163R00003	HEATER, CRANKCASE 230V 40W (M7)

Expanded Model Nomenclature

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M2 - ASX160241FA
M3 - ASX160301FA
M4 - ASX160361FA
M5 - ASX160421FA
M6 - ASX160481FA
M7 - ASX160601FA
M8 - ASX160611FA