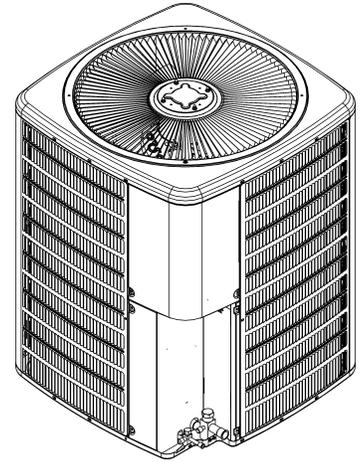


ASXH40**10 Remote Condensing Unit

ASXH401810AA
ASXH402410AA
ASXH403010AA
ASXH403610AA
ASXH404210AA
ASXH404810AA
ASXH406010AA



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This manual is to be used by qualified technicians only.

Important Information

Index

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 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" (M3, M4)
0151R00185	BASE VALVE 3/4" (M1, M2)
0151R00187	BASE VALVE 3/8"
0151R00186	BASE VALVE 7/8" (M5, M6, M7)
0150M00012	BLADE-FAN 20" CCW (M1)
CAP050350440CS	CAP, 5/35 MFD/440V/DUAL RD (M1, M2, M3)
CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M4, M6, M7)
CAB050450440CT	CAP, 5/45 MFD/440V RD - BPRF (M5)
ZPS51K7EPFV130	COMP 49000,208/230/60/1 (M7)
ZP24K7EPFV130	COMP, 24000, 208/230/60/1 (M3)
ZP14K7EPFV130	COMPRESSOR, 1.5 TON (M1)
ZP20K7EPFV130	COMPRESSOR, 2 TON (M2)
ZP29K7EPFV130	COMPRESSOR, COPELAND (M4)
ZP34K7EPFV130	COMPRESSOR, COPELAND (M5)
ZP40K7EPFV130	COMPRESSOR, COPELAND (M6)
CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC (M1, M2, M3, M4, M5, M6)
CONT2P040024V	CONT, 2 POLE, 40 AMP, 24 VAC (M7)
571006600	CoreSense Module
0130M00106	DISC TERM CRNKCS HTR SW (M5, M6, M7)
0130M00349	DISC THERMOSTAT (M1, M2, M3, M4)
11046710	DISC-THERMOSTAT (M5, M6, M7)
0150M00008	FAN BLADE, 22" TNT2203-25 (M2)
0150M00054	FAN BLADE, 26" (M3, M4, M5, M6, M7)
0163R00007	HEATER CRANKCASE 230V 40W (M5, M6, M7)
0131M00807	MOTOR, 1/4HP,1SP,8PL,AL (M5, M6)
0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M2, M3, M4)
0131M00969	MOTOR, 1/8HP, 8PL, PSC (M1)
0131M01012	MOTOR, ECM (M7)
0130R00003	SW-CUTOUT HI PRESS (M5, M6, M7)
0130R00056	SW-CUTOUT HI PRESS (M1, M2, M3, M4)
0130M00724	SWITCH, LOW PRESSURE (M1, M2, M3, M4)
0130M00821	SWITCH, LOW PRESSURE (M5, M6, M7)

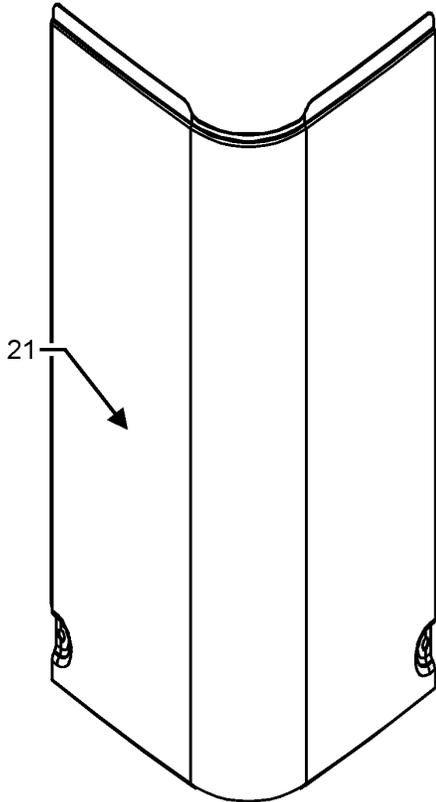
Expanded Model Nomenclature

M1 - ASXH401810AA
M2 - ASXH402410AA
M3 - ASXH403010AA
M4 - ASXH403610AA
M5 - ASXH404210AA
M6 - ASXH404810AA
M7 - ASXH406010AA

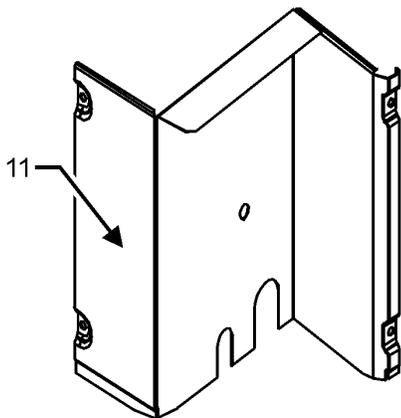
0161R00087 NAMEPLATE, AMANA LOGO

Control Panel Assembly

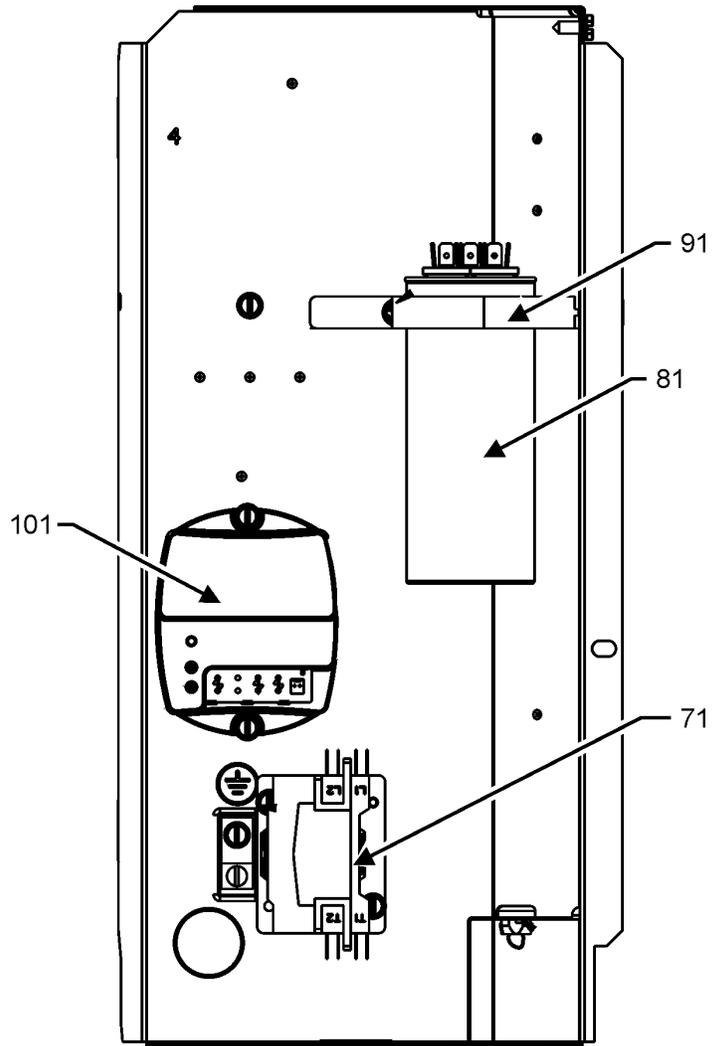
CONTROL PANEL ASSEMBLY



UPPER ACCESS COVER



LOWER ACCESS PANEL



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Control Panel Assembly

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

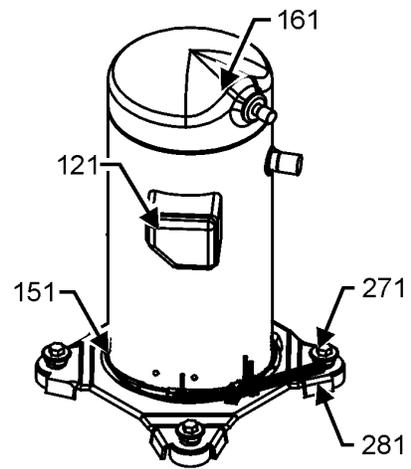
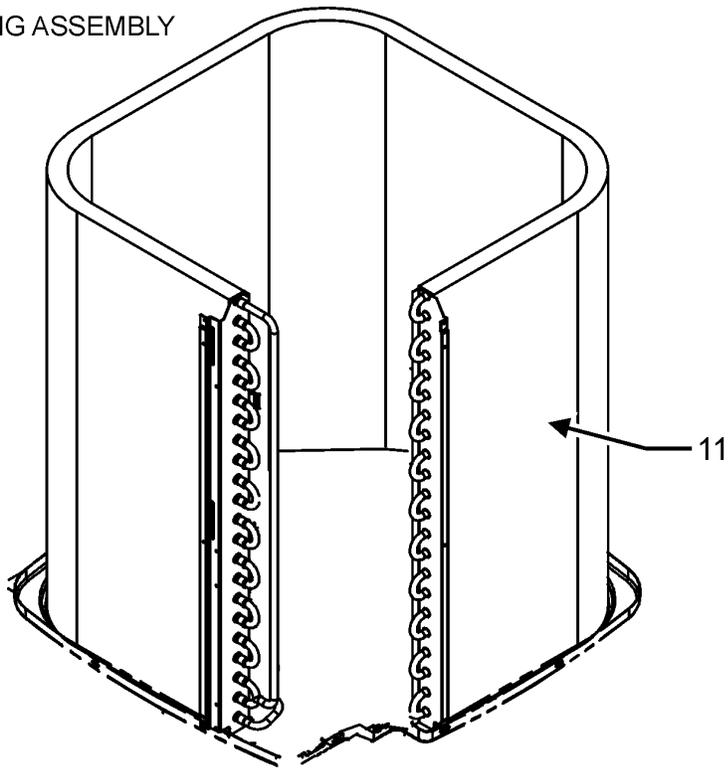
11	0121R00909PDG	PNL, LWR ACCESS (M3, M4)
11	0121R00915PDG	PNL, LWR ACCESS (M1)
11	0121R00916PDG	PNL, LWR ACCESS (M7)
11	0121R00917PDG	PNL, LWR ACCESS (M5, M6)
11	0121R00919PDG	PNL, LWR ACCESS (M2)
21	0121R00937PDG	CONTROL COVER, PNT
71	CONT1P030024V	CONT, 1 POLE, 30 AMP, 24 VAC (M1, M2, M3, M4, M5, M6)
71	CONT2P040024V	CONT, 2 POLE, 40 AMP, 24 VAC (M7)
81	CAP050350440CS	CAP, 5/35 MFD/440V/DUAL RD (M1, M2, M3)
81	CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M4, M6, M7)
81	CAB050450440CT	CAP, 5/45 MFD/440V RD - BPRF (M5)
91	4400065	CAPACITOR STRAP
101	571006600	CoreSense Module
NS	0161R00087	NAMEPLATE, AMANA LOGO

Expanded Model Nomenclature

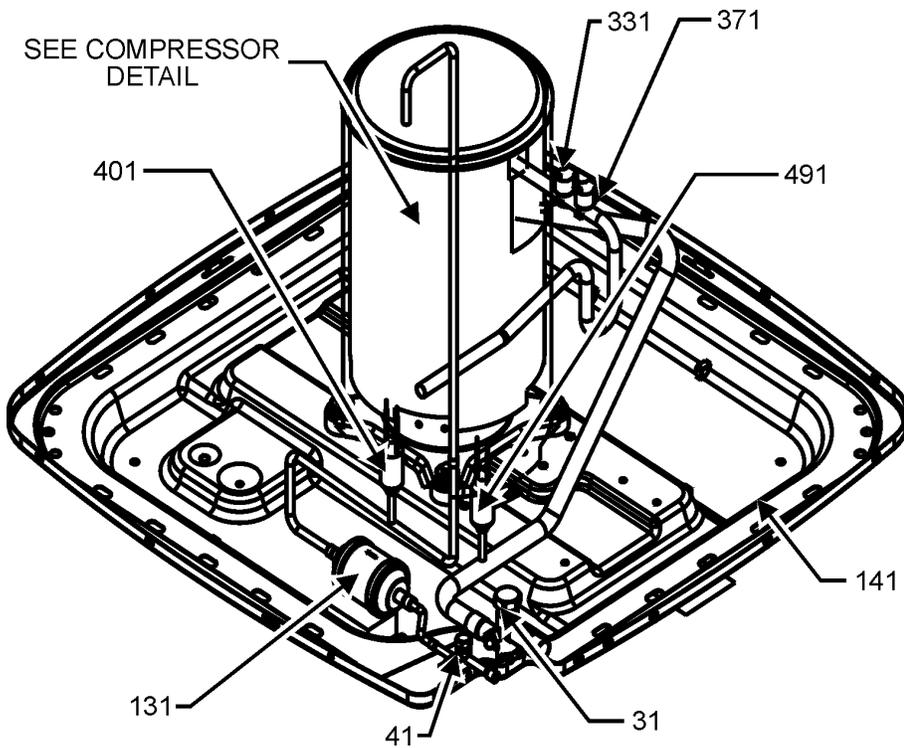
M1 - ASXH401810AA
M2 - ASXH402410AA
M3 - ASXH403010AA
M4 - ASXH403610AA
M5 - ASXH404210AA
M6 - ASXH404810AA
M7 - ASXH406010AA

Compressor and Tubing Assembly

TUBING ASSEMBLY



COMPRESSOR
DETAIL
STYLE 2



ACTUAL TUBING ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Compressor and Tubing Assembly

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

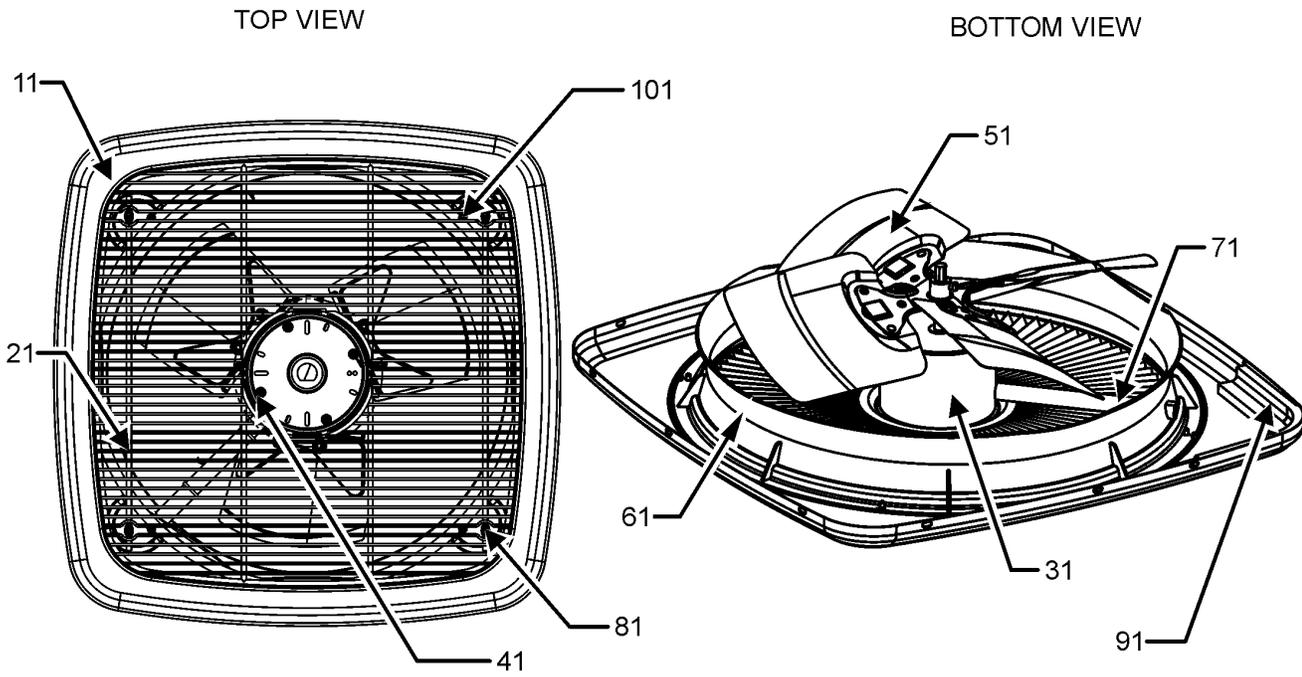
11	0201R00296	COIL TUBING ASSEMBLY (M2)
11	0201R00433	COIL TUBING ASSY (M3, M4)
11	0201R00718	COIL TUBING ASSY (M7)
11	0201R00732	COIL TUBING ASSY (M5, M6)
11	0201R00778	COIL TUBING ASSY (M1)
31	0151R00182	BALL VALVE 7/8" (M3, M4)
31	0151R00185	BASE VALVE 3/4" (M1, M2)
31	0151R00186	BASE VALVE 7/8" (M5, M6, M7)
41	0151R00187	BASE VALVE 3/8"
121	0159R00000P	HARNESS, COMP SCROLL 130 36" (M1)
121	0159R00001P	HARNESS, COMP SCROLL 130 42" (M2)
121	0159R00002P	HARNESS, COMP SCROLL 130 46" (M3, M4, M5, M6, M7)
131	0162R00057	FILTER DRIER
141	0121R00005PDG	BASE PAN 26" (M1)
141	0121R00006PDG	BASE PAN 29" (M2)
141	0121R00007PDG	BASE PAN 35" (M3, M4, M5, M6, M7)
151	0163R00007	HEATER CRANKCASE 230V 40W (M5, M6, M7)
161	ZPS51K7EPFV130	COMP 49000,208/230/60/1 (M7)
161	ZP24K7EPFV130	COMP, 24000, 208/230/60/1 (M3)
161	ZP14K7EPFV130	COMPRESSOR, 1.5 TON (M1)
161	ZP20K7EPFV130	COMPRESSOR, 2 TON (M2)
161	ZP29K7EPFV130	COMPRESSOR, COPELAND (M4)
161	ZP34K7EPFV130	COMPRESSOR, COPELAND (M5)
161	ZP40K7EPFV130	COMPRESSOR, COPELAND (M6)
271	M0221641	TF SHOULDER SCREW (QTY 4)
281	B1339533	COMPRESSOR GROMMET (QTY 4)
331	0130M00106	DISC TERM CRNKCS HTR SW (M5, M6, M7)
371	0130M00349	DISC THERMOSTAT (M1, M2, M3, M4)
371	11046710	DISC-THERMOSTAT (M5, M6, M7)
401	0130M00724	SWITCH, LOW PRESSURE (M1, M2, M3, M4)
401	0130M00821	SWITCH, LOW PRESSURE (M5, M6, M7)
451	0130R00003	SW-CUTOUT HI PRESS (M5, M6, M7)
451	0130R00056	SW-CUTOUT HI PRESS (M1, M2, M3, M4)
NS	0160M00035	COMPRESSOR BLANKET (M1, M2, M3, M4)
NS	0160M00039	COMPRESSOR BLANKET (M5, M6, M7)
NS	0159M00017	WIRE HARNESS COMPR SOLENOID (M7)

Expanded Model Nomenclature

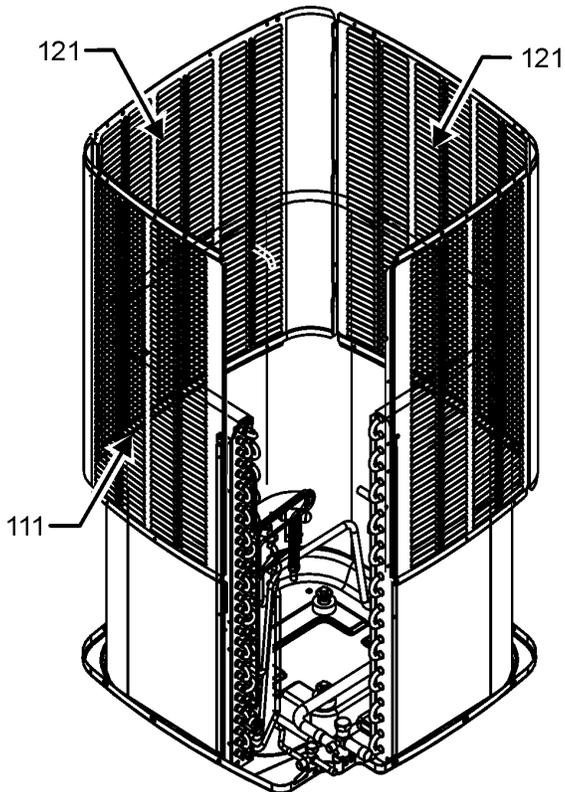
- | |
|-------------------|
| M1 - ASXH401810AA |
| M2 - ASXH402410AA |
| M3 - ASXH403010AA |
| M4 - ASXH403610AA |
| M5 - ASXH404210AA |
| M6 - ASXH404810AA |
| M7 - ASXH406010AA |

Top and Louver Panel Assembly

TOP PANEL AND LOUVER PANEL ASSEMBLY



LOUVER PANEL ASSEMBLY STYLE 1



TOP PANEL AND LOUVER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Top and Louver Panel Assembly

Ref. Part No:	Ref. Part No:	Description:	Description:
Image 1:			
11	0121R00931PDG	PANEL, TOP 26. PNT (M1)	
11	0121R00935PDG	PANEL, TOP 29. PNT (M2)	
11	0121R00936PDG	TOP PANEL, 35. PNT (M3, M4, M5, M6, M7)	
21	0152R00024	26" GRILLE CFS (M1)	
21	0152R00025	29" GRILLE CFS (M2)	
21	0152R00026	GRILL, WIRE 35. TOP (M3, M4, M5, M6)	
21	0152R00027	GRILL, WIRE 35. TOP (M7)	
31	0131M00807	MOTOR, 1/4HP,1SP,8PL,AL (M5, M6)	
31	0131M00753	MOTOR, 1/6HP, 1SP, 8PL, AL (M2, M3, M4)	
31	0131M00969	MOTOR, 1/8HP, 8PL, PSC (M1)	
31	0131M01012	MOTOR, ECM (M7)	
41	0163M00006P	ACORN NUT 5/16 HEX BLACK (M1, M2, M3, M4, M5, M6)	
41	M0280801	NUT-HEX (M7)	
51	0150M00012	BLADE-FAN 20" CCW (M1)	
51	0150M00008	FAN BLADE, 22" TNT2203-25 (M2)	
51	0150M00054	FAN BLADE, 26" (M3, M4, M5, M6, M7)	
61	0161R00103	26" VENTURI CFS (M1)	
61	0161R00104	29" VENTURI CFS (M2)	
61	0161R00105	35" VENTURI CFS (M3, M4, M5, M6, M7)	
71	0161R00001P	CONDUIT (M1)	
71	0161R00002P	CONDUIT (M2)	
71	0161R00100	CONDUIT (M3, M4, M5, M6)	
71	0163M00385	CONDUIT-FLEXIBLE (M7)	
81	0163M00003P	SCREW,#10 X 1/2,A,SLOT,SR,BLK (QTY 8)	
91	0154R00045	GASKET, CONTROL PANEL	
101	0163M00004	SCREW 10X3/4 BLK (QTY 4)	
111	0121R00200PLG	LOUVER, SIDE PANEL (M2)	
111	0121R00207PLG	LOUVER, SIDE PANEL (M1)	
111	0121R00927PLG	PANEL 1, LOUVER 35_34.64 PNT (M5, M6)	
111	0121R00240PLG	PANEL 1, LOUVER 35 (M3, M4)	
111	0121R00601PLG	PANEL 1, LOUVER 35_39.84 PNT (M7)	
121	0121R00198PLG	LOUVER, SIDE PANEL (M1)	
121	0121R00204PLG	LOUVER, SIDE PANEL (M2)	
121	0121R00244PLG	PANEL 2, LOUVER 35 (M3, M4)	
121	0121R00928PLG	PANEL 2, LOUVER 35_34.64 PNT (M5, M6)	
121	0121R00514PLG	PANEL 2, LOUVER 35_39.84 PNT (M7)	
131	0121R00193PLG	LOUVER, SIDE PANEL (M2)	
131	0121R00196PLG	LOUVER, SIDE PANEL (M1)	
131	0121R00248PLG	PANEL 3, LOUVER 35 (M3, M4)	
131	0121R00929PLG	PANEL 3, LOUVER 35_34.64 PNT (M5, M6)	
131	0121R00603PLG	PANEL 3, LOUVER 35_39.84 PNT (M7)	
NS	0161R00086	CAP, GRILL (M7)	
NS	0163M00005P	WASHER, BLACK (.50 OD .218D) (M1, M2, M3, M4, M5, M6)	

Expanded Model Nomenclature

M1 - ASXH401810AA
M2 - ASXH402410AA
M3 - ASXH403010AA
M4 - ASXH403610AA
M5 - ASXH404210AA
M6 - ASXH404810AA
M7 - ASXH406010AA