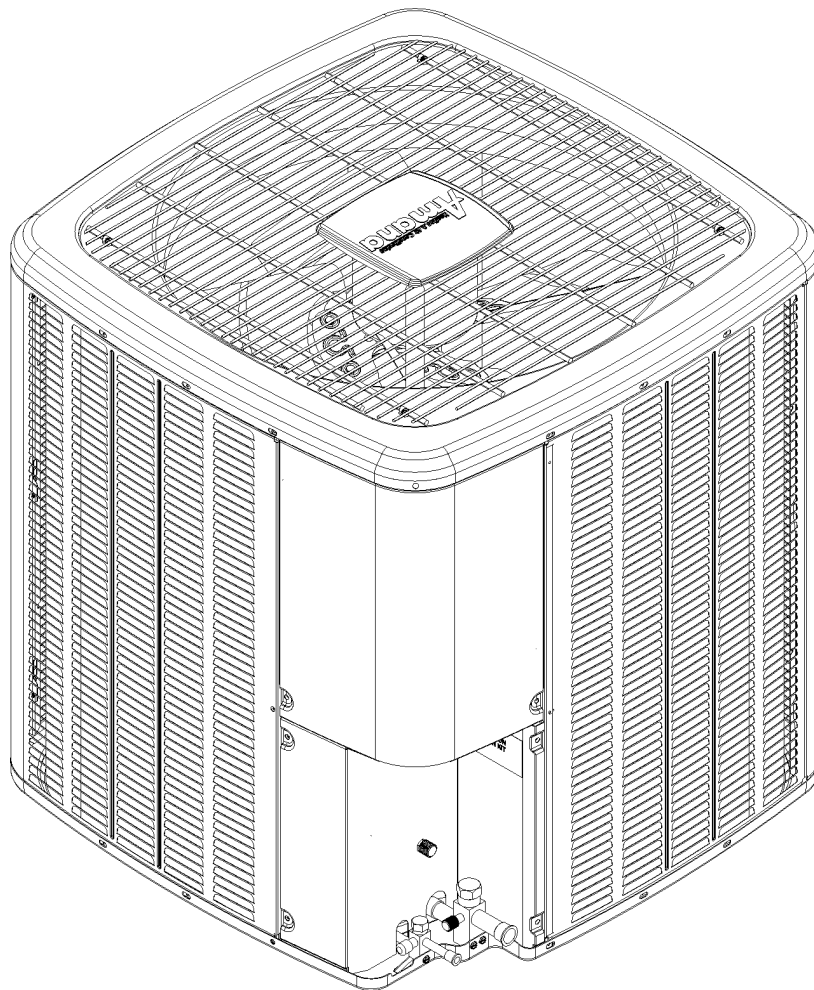


ASXC16/18 Remote Condensing Units

ASXC160241AA
ASXC160241BA
ASXC160241BB
ASXC160241BC
ASXC160361AA
ASXC160361BA
ASXC160361BB
ASXC160361BC
ASXC160481AA
ASXC160481BA
ASXC160481BB
ASXC160481BC
ASXC160601AA
ASXC160601BA
ASXC160601BB
ASXC160601BC
ASXC180361AA
ASXC180361AB
ASXC180361AC
ASXC180481AA
ASXC180481AB
ASXC180481AC
ASXC180601AA
ASXC180601AB
ASXC180601AC



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This manual is to be used by qualified technicians only.

This manual replaces RP-506E.

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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:

Consumer Affairs Department

Goodman 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 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	0151R00033	VALVE, BASE 7/8" OPEN LEFT (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
CAP050400440CT	CAP, 5/40 MFD/440V/DUAL RD (M5, M6, M7, M8, M16, M17, M18, M19, M25)		
CAP050450440CT	CAP, 5/45 MFD/440V/DUAL RD (M9, M10, M11, M20, M21)		
CAP050300440RS	CAPACITOR 5/30/440V (M12, M22)		
CAP050350440RS	CAPACITOR 5/35/440V (M1, M2, M3, M4)		
CAP050800440RT	CAPACITOR 5/80/440V (M13, M14, M15, M23, M24)		
ZPS20K5EPFV130	COMP, 20000,208/230 (M4)		
ZPS49K5EPFV130	COMP, 49100,208/230/60/1 (M16)		
ZPS51K5EPFV130	COMP, 51900/208/230/60/1 (M25)		
ZPS30K5EPFV130	COMP,30000,208/230 (M8, M17, M18, M19)		
ZPS40K5EPFV130	COMP,41100,208/230/60/1 (M12, M22)		
ZPS49K4EPFV230	COMP,49200,208/230/60/1/2STG (M14, M15)		
ZPS20K4EPFV230	COMPRESSOR 20000, 208/230/60/1/2STG (M1, M2, M3)		
ZPS30K4EPFV230	COMPRESSOR 30000, 208/230/60/1/2STG (M5, M6, M7)		
ZPS40K4EPFV230	COMPRESSOR 40000, 208/230/60/1/2STG (M9, M10, M11, M20, M21)		
ZPS51K4EPFV230	COMPRESSOR 52000, 208/230/60/1/2STG (M13, M23, M24)		
0131M00114	COND MOTOR 1/12 HP, 2 SP, 8 PL (M1)		
0131M00115	COND MOTOR 1/6 HP, 2 SP, 8 PL (M5, M9, M10, M11, M12, M13, M14, M15, M16)		
0131M00118	COND MOTOR, 1/6HP, 2SP, 8PL (M6, M7, M8)		
0131M00117	COND MOTOR, 1/6HP, 2SP, 8PL (M2, M3, M4)		
0131M00401	COND MOTOR, ECM (M17, M18, M19, M20, M21, M22, M23, M24, M25)		
PCBGR102	CONTROL BOARD, 2-STG		
0150M00001P	FAN BLADE 20 INCH (M1)		
0150M00008	FAN BLADE 22" TNT2203-25 (M2, M3, M4, M5)		
10625738	FAN BLADE 26" ALUM CCW (M9, M10, M11, M12, M13, M14, M15, M16)		
0150M00010	FAN BLADE 26" ALUM CCW (M17, M18, M19, M20, M21, M22, M23, M24, M25)		
B1086764	FAN BLADE TYPE 2 (M6, M7, M8)		
0130R00003	HIGH PRESSURE SWITCH		
0130M00086	LOW PRESSURE SWITCH (M3, M4, M7, M8, M10, M11, M12, M13, M14, M15, M16, M18, M19, M21, M22, M24, M25)		
0130R00002	LOW PRESSURE SWITCH (M1, M2, M5, M6, M9, M17, M20, M23)		
0130M00054	OUTDOOR AIR TEMP SENSOR		
0130R00006	SHARED DATA (M1)		
0130R00040	SHARED DATA (M10, M11, M12)		
0130R00038	SHARED DATA (M2, M3, M4)		
0130R00019	SHARED DATA (M17, M18, M19)		
0130R00017	SHARED DATA (M23, M24, M25)		
0130R00039	SHARED DATA (M6, M7, M8)		
0130R00015	SHARED DATA (M13)		
0130R00013	SHARED DATA (M20, M21, M22)		
0130R00008	SHARED DATA (M5)		
0130R00044	SHARED DATA (M14, M15, M16)		
0130R00011	SHARED DATA (M9)		
0151R00032	VALVE, BASE 3/4" OPEN LEFT (M1, M2, M3, M4, M5, M6, M7, M8)		

SPECIAL PARTS

0161R00008P AMANA LOGO CAP

Expanded Model Nomenclature

M1 - ASXC160241AA
M2 - ASXC160241BA
M3 - ASXC160241BB
M4 - ASXC160241BC
M5 - ASXC160361AA
M6 - ASXC160361BA
M7 - ASXC160361BB
M8 - ASXC160361BC
M9 - ASXC160481AA
M10 - ASXC160481BA
M11 - ASXC160481BB
M12 - ASXC160481BC
M13 - ASXC160601AA
M14 - ASXC160601BA
M15 - ASXC160601BB
M16 - ASXC160601BC
M17 - ASXC180361AA
M18 - ASXC180361AB
M19 - ASXC180361AC
M20 - ASXC180481AA
M21 - ASXC180481AB
M22 - ASXC180481AC
M23 - ASXC180601AA
M24 - ASXC180601AB
M25 - ASXC180601AC

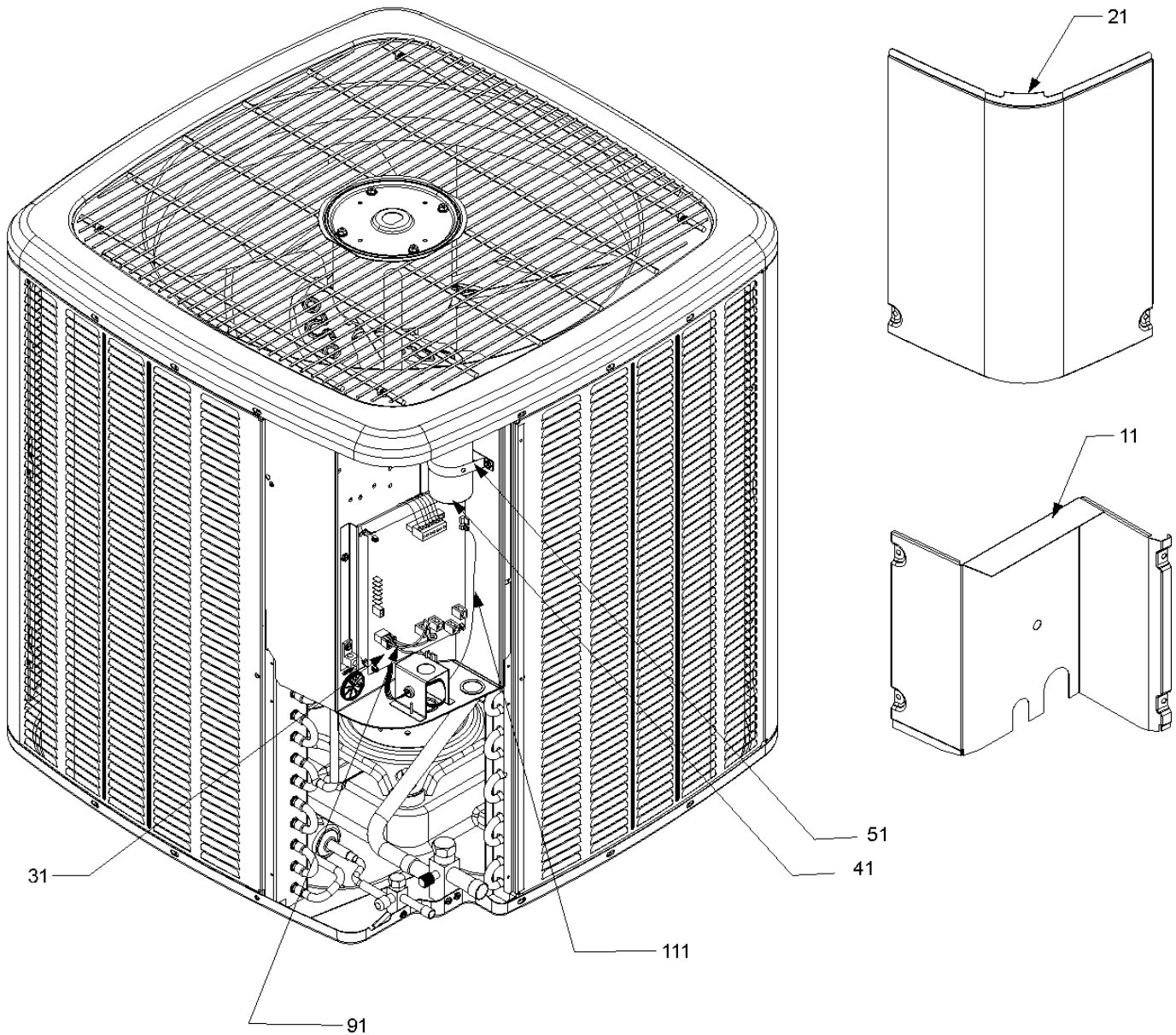
Control Cover / Control Box

*If end bells are needed please order the following:

0131M00182 - ½ HP

0131M00183 - ¾ HP

0131M00184 - 1 HP



Control Cover / Control Box

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121R00315PDG	PANEL, LOWER ACCESS PNT (M10, M11, M12)
11	0121R00317PDG	PANEL, LOWER ACCESS PNT (M5, M9, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
11	0121R00322PDG	PANEL, LOWER ACCESS PNT (M2, M3, M4, M6, M7, M8)
11	0121R00323PDG	PANEL, LOWER ACCESS PNT (M1)
21	0121R00053PDG	CONTROL COVER (M1, M2, M3, M4, M6, M7, M8)
21	0121R00054PDG	CONTROL COVER (M5, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
31	PCBGR102	CONTROL BOARD, 2-STG
41	CAP050400440CT	CAP, 5/40 MFD/440V/DUAL RD (M5, M6, M7, M8, M16, M17, M18, M19, M25)
41	CAP050450440CT	CAP, 5/45 MFD/440V/DUAL RD (M9, M10, M11, M20, M21)
41	CAP050300440RS	CAPACITOR 5/30/440V (M12, M22)
41	CAP050350440RS	CAPACITOR 5/35/440V (M1, M2, M3, M4)
41	CAP050800440RT	CAPACITOR 5/80/440V (M13, M14, M15, M23, M24)
51	0121R00213	CAPACITOR STRAP (QTY 2)
91	0159R00011	WIRE ASSEMBLY, ECM MOTOR (M17, M18, M19, M20, M21, M22, M23, M24, M25)
91	0159R00010	WIRE ASSEMBLY, PSC MOTOR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
111	0130M00054	OUTDOOR AIR TEMP SENSOR
NS	0161R00010P	AMANA NAMEPLATE
NS	0130R00006	SHARED DATA (M1)
NS	0130R00008	SHARED DATA (M5)
NS	0130R00011	SHARED DATA (M9)
NS	0130R00013	SHARED DATA (M20, M21, M22)
NS	0130R00015	SHARED DATA (M13)
NS	0130R00017	SHARED DATA (M23, M24, M25)
NS	0130R00019	SHARED DATA (M17, M18, M19)
NS	0130R00038	SHARED DATA (M2, M3, M4)
NS	0130R00039	SHARED DATA (M6, M7, M8)
NS	0130R00040	SHARED DATA (M10, M11, M12)
NS	0130R00044	SHARED DATA (M14, M15, M16)

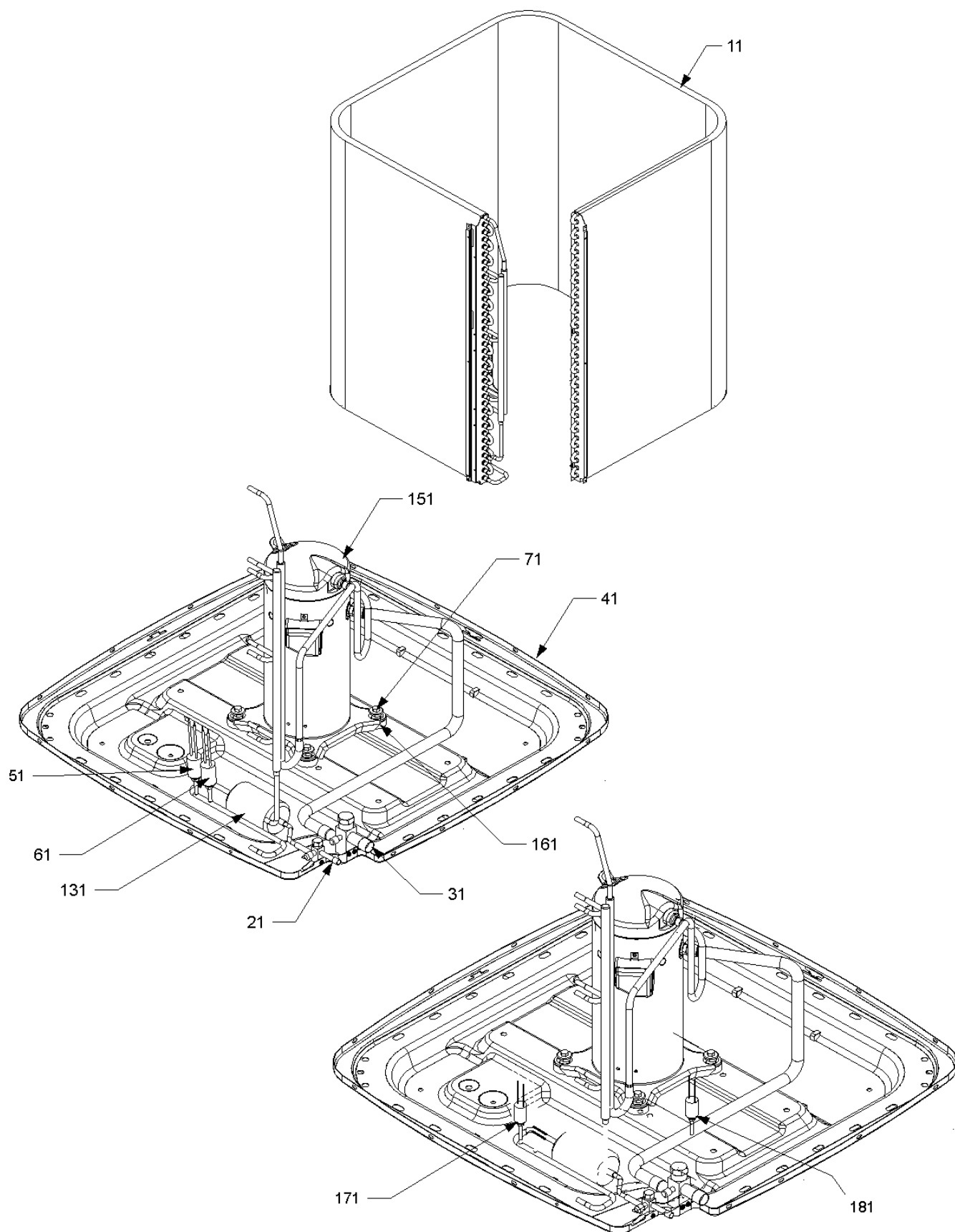
Expanded Model Nomenclature

M1 - ASXC160241AA
M2 - ASXC160241BA
M3 - ASXC160241BB
M4 - ASXC160241BC
M5 - ASXC160361AA
M6 - ASXC160361BA
M7 - ASXC160361BB
M8 - ASXC160361BC
M9 - ASXC160481AA
M10 - ASXC160481BA
M11 - ASXC160481BB
M12 - ASXC160481BC
M13 - ASXC160601AA
M14 - ASXC160601BA
M15 - ASXC160601BB
M16 - ASXC160601BC
M17 - ASXC180361AA
M18 - ASXC180361AB
M19 - ASXC180361AC
M20 - ASXC180481AA
M21 - ASXC180481AB
M22 - ASXC180481AC
M23 - ASXC180601AA
M24 - ASXC180601AB
M25 - ASXC180601AC

*If end bells are needed please order the following:

0131M00182 - 1/2 HP
0131M00183 - 3/4 HP
0131M00184 - 1 HP

Basepan / Compressor / Tubing Assembly



Basepan / Compressor / Tubing Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0201R00005P	COIL TUBING ASSY (M5)
11	0201R00047	COIL TUBING ASSY (M9, M13, M14, M15, M16, M17, M18, M19)
11	0201R00296	COIL TUBING ASSY (M2, M3, M4, M6, M7, M8)
11	0201R00311	COIL TUBING ASSY (M10, M11, M12)
11	1362112	COIL TUBING ASSY (M1)
11	0201R00137	TUBING ASSY, COND COIL (M20, M21, M22, M23, M24, M25)
21	B12825171	3/8" SERVICE VALVE
31	0151R00032	VALVE, BASE 3/4" OPEN LEFT (M1, M2, M3, M4, M5, M6, M7, M8)
31	0151R00033	VALVE, BASE 7/8" OPEN LEFT (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
41	0121R00005PDG	BASE PAN 26" (M1)
41	0121R00006PDG	BASE PAN 29" (M2, M3, M4, M5, M6, M7, M8)
41	0121R00007PDG	BASE PAN 35" (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
51	0130R00002	LOW PRESSURE SWITCH (M1, M2, M5, M6, M9, M17, M20, M23)
61	0130R00003	HIGH PRESSURE SWITCH (M1, M2, M5, M6, M9, M17, M20, M23)
71	M0221641	TF SHOULDER SCREW (QTY 4)
131	0162R00009	FILTER DRIER
151	ZPS20K5EPFV130	COMP, 20000,208/230 (M4)
151	ZPS49K5EPFV130	COMP, 49100,208/230/60/1 (M16)
151	ZPS51K5EPFV130	COMP, 51900/208/230/60/1 (M25)
151	ZPS30K5EPFV130	COMP,30000,208/230 (M8, M17, M18, M19)
151	ZPS40K5EPFV130	COMP,41100,208/230/60/1 (M12, M22)
151	ZPS49K4EPFV230	COMP,49200,208/230/60/1/2STG (M14, M15)
151	ZPS20K4EPFV230	COMPRESSOR 20000, 208/230/60/1/2STG (M1, M2, M3)
151	ZPS30K4EPFV230	COMPRESSOR 30000, 208/230/60/1/2STG (M5, M6, M7)
151	ZPS40K4EPFV230	COMPRESSOR 40000, 208/230/60/1/2STG (M9, M10, M11, M20, M21)
151	ZPS51K4EPFV230	COMPRESSOR 52000, 208/230/60/1/2STG (M13, M23, M24)
161	0164M00018	COMPRESSOR GROMMET (M17, M18, M19, M20, M21, M22, M23, M24, M25)
161	B1339533	COMPRESSOR GROMMET (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
171	0130R00003	HIGH PRESSURE SWITCH (M3, M4, M7, M8, M10, M11, M12, M13, M14, M15, M16, M18, M19, M21, M22, M24, M25)
181	0130M00086	LOW PRESSURE SWITCH (M3, M4, M7, M8, M10, M11, M12, M13, M14, M15, M16, M18, M19, M21, M22, M24, M25)
NS	0159R00002P	COMPRESSOR SCROLL HARNESS (M4, M8)
NS	0159R00009	HARNESS, COMP (M12, M16, M17, M18, M19, M22, M25)
NS	0130M00005P	WIRE HARNESS, COMPRESSOR SOLENOID

Expanded Model Nomenclature

M1 - ASXC160241AA
M2 - ASXC160241BA
M3 - ASXC160241BB
M4 - ASXC160241BC
M5 - ASXC160361AA
M6 - ASXC160361BA
M7 - ASXC160361BB
M8 - ASXC160361BC
M9 - ASXC160481AA
M10 - ASXC160481BA
M11 - ASXC160481BB
M12 - ASXC160481BC
M13 - ASXC160601AA
M14 - ASXC160601BA
M15 - ASXC160601BB
M16 - ASXC160601BC
M17 - ASXC180361AA
M18 - ASXC180361AB
M19 - ASXC180361AC
M20 - ASXC180481AA
M21 - ASXC180481AB
M22 - ASXC180481AC
M23 - ASXC180601AA
M24 - ASXC180601AB
M25 - ASXC180601AC

Cabinet Top / Side Panels

IMAGE 1

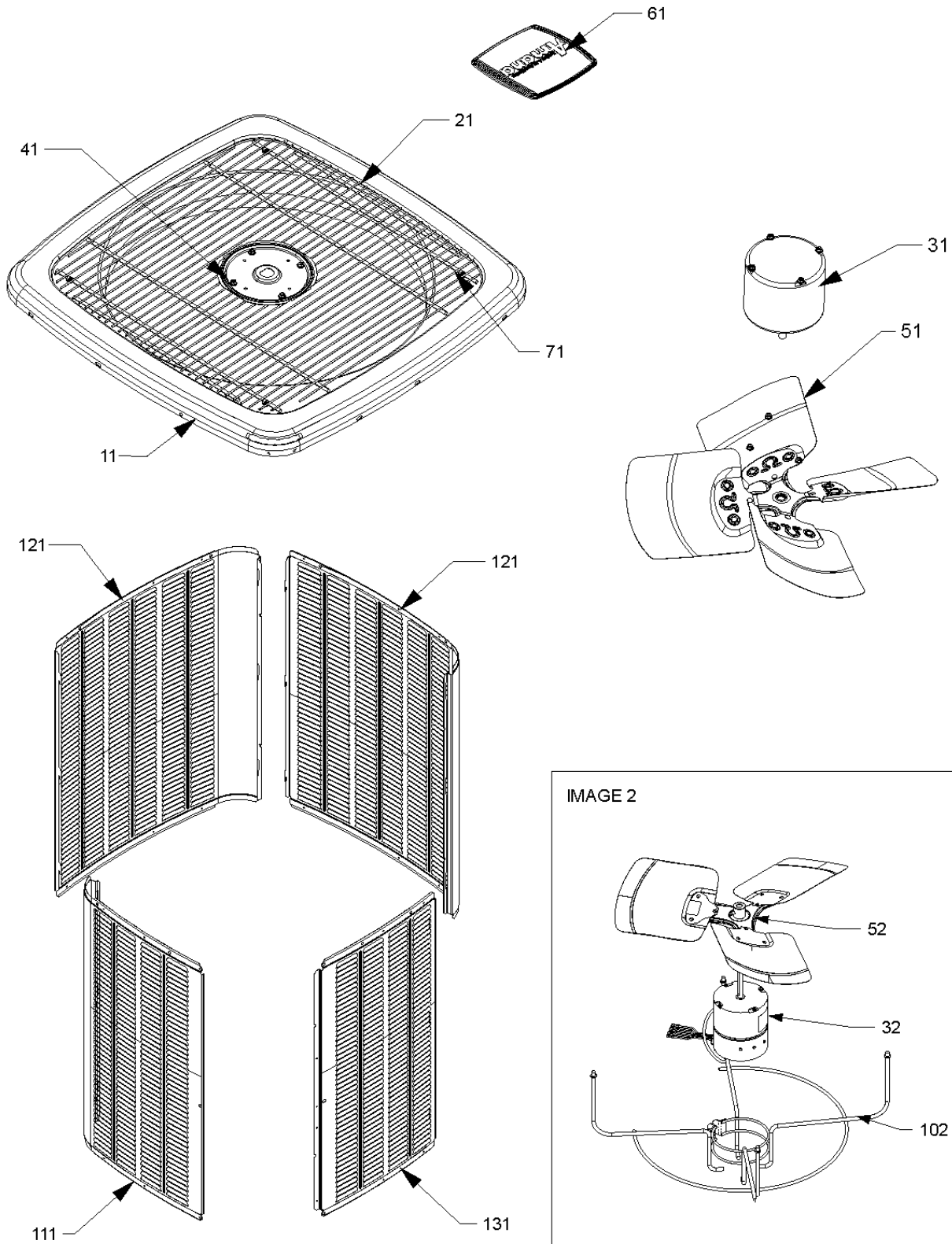
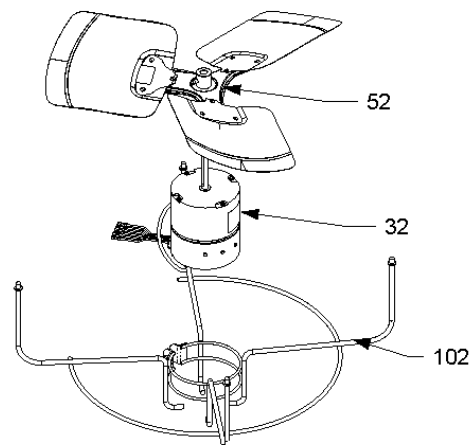


IMAGE 2



Cabinet Top / Side Panels

Ref. Part

No: No:

Description:

Image 1:

11	0121R00009PDG	VENTURI TOP PANEL 26" (M1)
11	0121R00011PDG	VENTURI TOP PANEL 29" (M2, M3, M4, M5, M6, M7, M8)
11	0121R00013PDG	VENTURI TOP PANEL 35" (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
21	0152R00010	GRILLE, WIRE 26" TOP (M1)
21	0152R00011	GRILLE, WIRE 29" TOP (M2, M3, M4, M5, M6, M7, M8)
21	0152R00012	GRILLE, WIRE 35" TOP (M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24, M25)
31	0131M00114	COND MOTOR 1/12 HP, 2 SP, 8 PL (M1)
31	0131M00115	COND MOTOR 1/6 HP, 2 SP, 8 PL (M5, M9, M10, M11, M12, M13, M14, M15, M16)
31	0131M00117	COND MOTOR, 1/6HP, 2SP, 8PL (M2, M3, M4)
31	0131M00118	COND MOTOR, 1/6HP, 2SP, 8PL (M6, M7, M8)
41	M0280801	HEX NUT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
51	0150M00001P	FAN BLADE 20 INCH (M1)
51	0150M00008	FAN BLADE 22" TNT2203-25 (M2, M3, M4, M5)
51	10625738	FAN BLADE 26" ALUM CCW (M9, M10, M11, M12, M13, M14, M15, M16)
51	B1086764	FAN BLADE TYPE 2 (M6, M7, M8)
61	0161R00008P	AMANA LOGO CAP
71	0163M00003P	SCREW #10 X 1/2, A, SLOT, SR, BLACK (QTY 8)
111	4400464PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M9, M13, M14, M15, M16)
111	0121R00200PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M2, M3, M4, M6, M7, M8)
111	0121R00239PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M10, M11, M12)
111	0270R00342LGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M17, M18, M19, M20, M21, M22, M23, M24, M25)
111	4400402PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M1)
111	4400458PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M5)
121	0121R00204PLGB	LOUVERED SIDE PANEL (M2, M3, M4, M6, M7, M8)
121	0121R00243PLGB	LOUVERED SIDE PANEL (M10, M11, M12)
121	0270R00343LGB	LOUVERED SIDE PANEL (M17, M18, M19, M20, M21, M22, M23, M24, M25)
121	4400407PLGB	LOUVERED SIDE PANEL (M1)
121	4400460PLGB	LOUVERED SIDE PANEL (M5)
121	4400466PLGB	LOUVERED SIDE PANEL (M9, M13, M14, M15, M16)
131	0121R00193PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M2, M3, M4, M6, M7, M8)
131	0121R00247PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M10, M11, M12)
131	0270R00344LG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M17, M18, M19, M20, M21, M22, M23, M24, M25)
131	4400412PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M1)
131	4400462PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M5)
131	4400468PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M9, M13, M14, M15, M16)
NS	0161R00000P	CONDUIT (M1)
NS	0161R00002P	CONDUIT (M2, M3, M4, M5, M6, M7, M8)
NS	0161R00004P	CONDUIT (M9, M10, M11, M12, M13, M14, M15, M16)

Ref. Part

No: No:

Description:

Image 2:

32	0131M00401	COND MOTOR, ECM (M17, M18, M19, M20, M21, M22, M23, M24, M25)
52	0150M00010	FAN BLADE 26" ALUM CCW (M17, M18, M19, M20, M21, M22, M23, M24, M25)
102	0121R00301	BRACKET, MOTOR MOUNT (M17, M18, M19, M20, M21, M22, M23, M24, M25)

Expanded Model Nomenclature

M1 - ASXC160241AA
M2 - ASXC160241BA
M3 - ASXC160241BB
M4 - ASXC160241BC
M5 - ASXC160361AA
M6 - ASXC160361BA
M7 - ASXC160361BB
M8 - ASXC160361BC
M9 - ASXC160481AA
M10 - ASXC160481BA
M11 - ASXC160481BB
M12 - ASXC160481BC
M13 - ASXC160601AA
M14 - ASXC160601BA
M15 - ASXC160601BB
M16 - ASXC160601BC
M17 - ASXC180361AA
M18 - ASXC180361AB
M19 - ASXC180361AC
M20 - ASXC180481AA
M21 - ASXC180481AB
M22 - ASXC180481AC
M23 - ASXC180601AA
M24 - ASXC180601AB
M25 - ASXC180601AC