

Service Parts

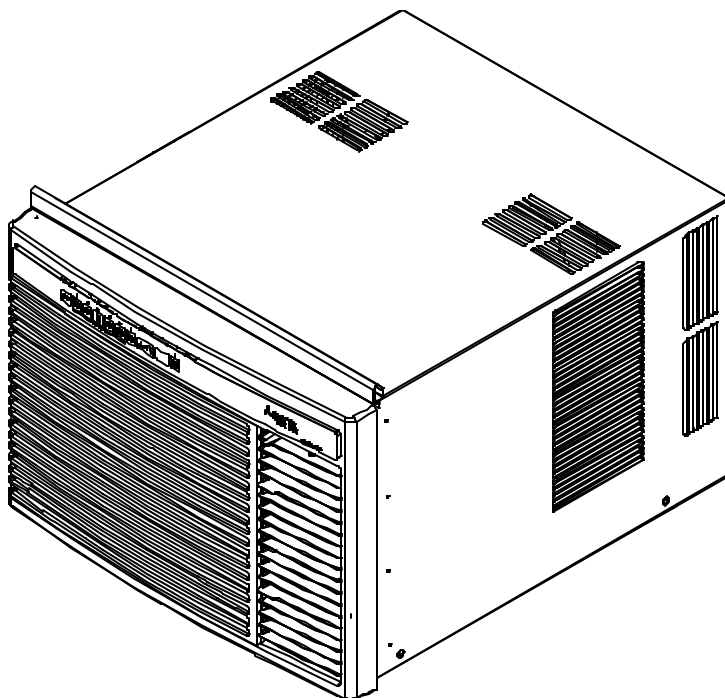
18,000 Btu Room Air Conditioners

Models and manufacturing
numbers in this manual

MC18A2TA3	P1214828R
ME18A3PA335	P1214834R
ME18A3PB335	P1214837R
MH18A3PA335	P1214835R
MH18A3PB335	P1214838R
NE18A3PA335	P1215012R
NH18A3PA335	P1215013R

This manual replaces RP4310008.

This manual is to be used by qualified appliance technicians only.



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Heating & Air Conditioning
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RP4310008
Revision 1
November 2004

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Important Information

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.

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

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Views shown are for parts illustrations only, not servicing procedures.

Revision 1: Adds MODEL #s ME18A3PB335 and MH18A3PB335

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	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

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Functional Parts

Part

No: **Description:**

20103505	BOARD-CONTROL PC (M1)
D6789066	CAPACITOR-ROUND
20079501	CAPILLARY ASSY (M1, M2, M4, M6)
20106001	CAPILLARY ASSY (M3, M5, M7)
10702202S	COIL-REV VALVE (M3, M5, M7)
20091801	COMP H23B16S
20074102BND	COND ASSY BEND (M1)
20086202BND	COND ASSY BEND (M2, M4, M6)
20104801BND	COND ASSY BEND (M3, M5, M7)
20104601	EVAPORATOR ASSY (M3, M5, M7)
20074801	EVAPORATOR ASSY (M1, M2, M4, M6)
20071102	FAN CONDENSER
20075301	FILTER-200
10685011	HARNESS-COIL (M3, M5, M7)
20066404	HEATER (M2, M3, M4, M5, M6, M7)
20080207	MOTOR-FAN (M1)
20080203	MOTOR-FAN (M2, M3, M4, M5, M6, M7)
B1257808	STRAINER (M3, M5, M7)
20066701	SWITCH-PUSH BUTTON (M3, M5, M7)
20066601	SWITCH-PUSH BUTTON (M2, M4, M6)
20070402	THERMOSTAT (M2, M3, M4, M5, M6, M7)
20071805	WHEEL-BLOWER (M2, M3, M4, M5, M6, M7)
20071801	WHEEL-BLOWER (M1)
20065401	WIRE FORM-BL (M2, M3, M4, M5, M6, M7)

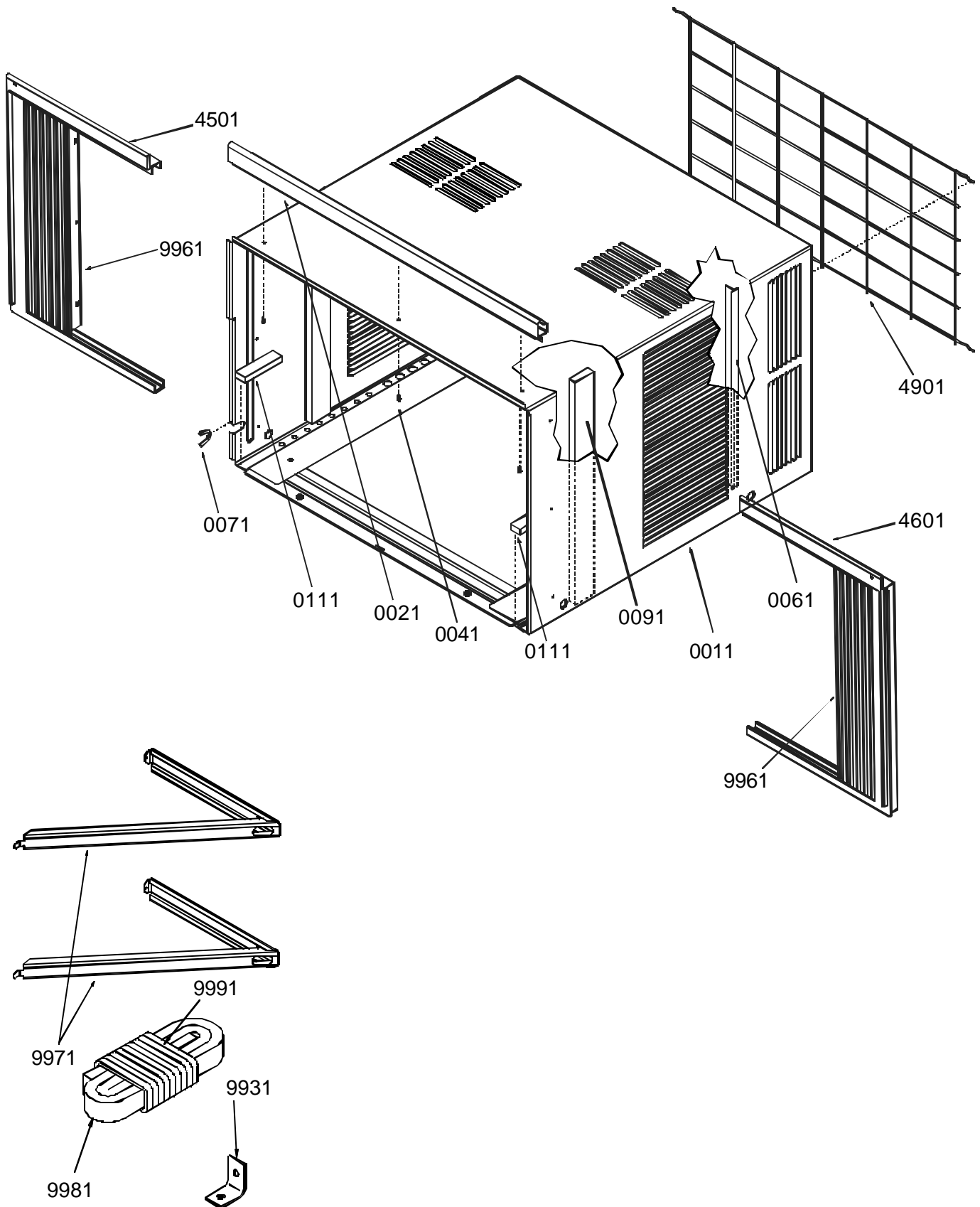
SPECIAL PARTS

10228317	BAG ASSY (M1)
10228318	BAG ASSY (M2, M3, M4, M5)
10228319	BAG ASSY (M6, M7)
10835508	CERT-WARRANTY (M2, M3, M4, M5, M6, M7)
10835507	CERT-WARRANTY (M1)
20095301	INSERT-LITERATURE
20106902	INSTR-INSTALL (M2, M3, M4, M5, M6, M7)
20086304	INSTR-INSTALL THR WALL (M1)
20093502	INSTR-INSTALL WINDO (M1)
20070007	MANUAL-OWNERS (M4, M5)
20070005	MANUAL-OWNERS (M2, M3, M6, M7)
20058006	MANUAL-OWNERS (M1)
20081601	MTG KIT ASSY (M1)

Expanded Model Nomenclature

M1 - MC18A2TA3	P1214828R
M2 - ME18A3PA335	P1214834R
M3 - MH18A3PA335	P1214835R
M4 - ME18A3PB335	P1214837R
M5 - MH18A3PB335	P1214838R
M6 - NE18A3PA335	P1215012R
M7 - NH18A3PA335	P1215013R

Outer Case Assembly



Outer Case Assembly

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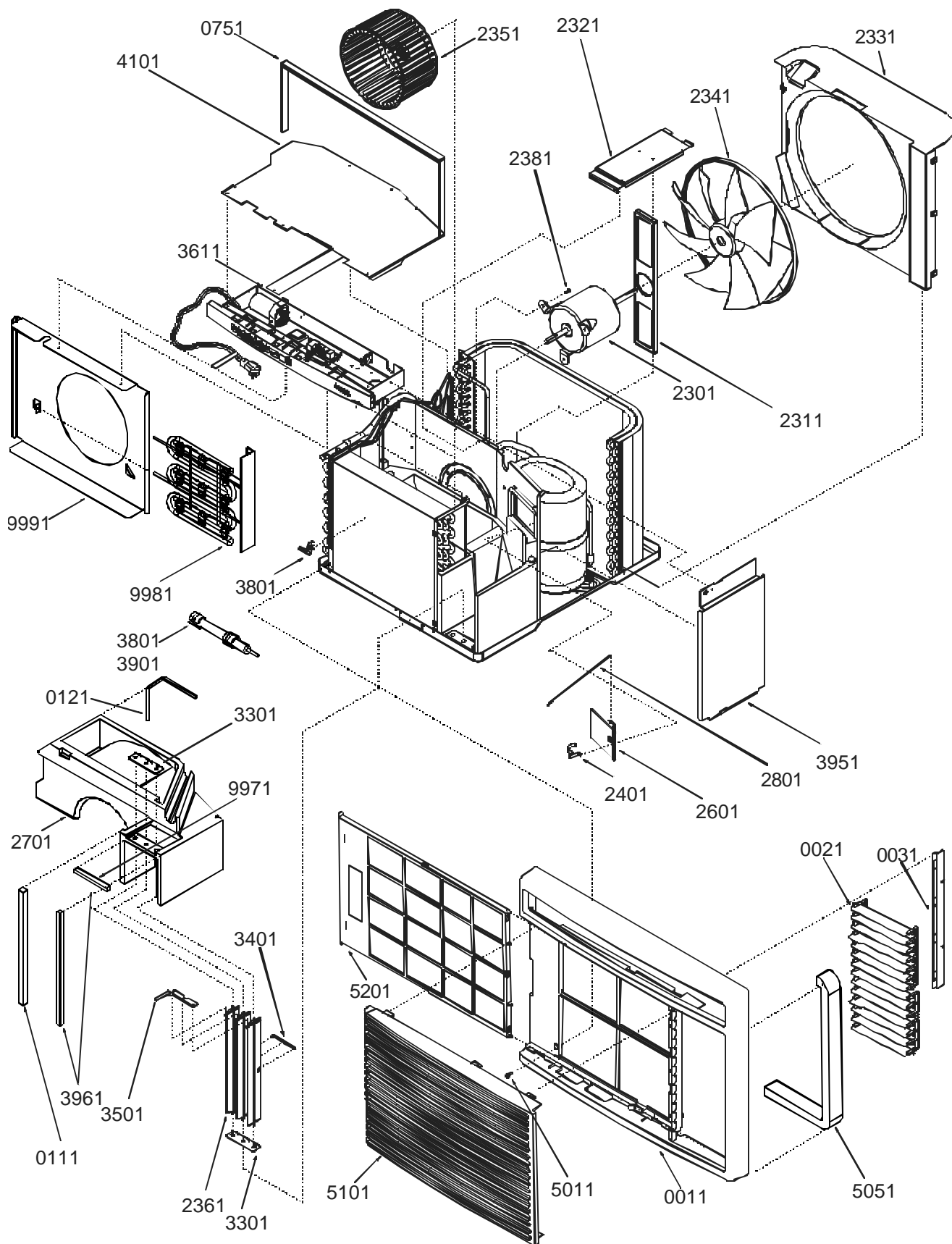
Image 1:

0011	20060301	OUTERCASE TOX (M1)
0011	20106702	OUTERCASE TOX (M2, M3, M4, M5)
0021	20055103V	RAIL-TOP (M1)
0041	M0245203	SCREW-SM STL (M1)
0061	20065009	SEAL STRIP-OUTER (QTY 2)
0071	20075701	GROMMET-PWR CORD (M2, M3, M4, M5)
0071	20075701	GROMMET-PWR CORD (M1)
0091	10839707	GASKET 1.50X.50 (M2, M3, M4, M5)
0091	10839707	GASKET 1.50X.50 (M1)
0111	10839807	GASKET-.37X.75 (M1)
0111	10839807	GASKET-.37X.75 (M2, M3, M4, M5)
4501	20050403	FRAME-SLIDING L (M1)
4601	20050404	FRAME-SLIDING R (M1)
4901	20063801	GRILLE-REAR 200 (M1, M2, M3, M4, M5, M6)
4901	20063801	GRILLE-REAR 200 (M2, M3, M4, M5)
9931	10661401	BRKT-WINDOW STOP (M1)
9961	20054903	CURTAIN-ROOM AIR (M1)
9971	20061801	BRACKET-SPRT (M1)
9981	10839702	GASKET 1.50X.75 (M1)
9991	10839720	GASKET .50X.25 (M1)
NS	20054801A	ADJUSTING FOOT (M1)
NS	10228317	BAG ASSY (M1)
NS	10228318	BAG ASSY (M2, M3, M4, M5)
NS	10228319	BAG ASSY (M6, M7)
NS	20065102	CLIP-BASEPAN
NS	20064101A	DRAIN
NS	20081601	MTG KIT ASSY (M1)
NS	M0213032	SCREW-SM (M1)
NS	M0213531	SCREW-SM (M1)
NS	M0216716	SCREW-SM
NS	M0219730	SCREW-SM (QTY 4)
NS	M0241118	SCREW-SM (M2, M4, M6)
NS	M0211030	SCREW-SM #10-1/2 (M1)
NS	M0211020	SCREW-SM #8-7/8 (M1)
NS	M0211020	SCREW-SM #8-7/8 (M2, M3, M4, M5, M6, M7)

Expanded Model Nomenclature

M1 - MC18A2TA3	P1214828R
M2 - ME18A3PA335	P1214834R
M3 - MH18A3PA335	P1214835R
M4 - ME18A3PB335	P1214837R
M5 - MH18A3PB335	P1214838R
M6 - NE18A3PA335	P1215012R
M7 - NH18A3PA335	P1215013R

Chassis Assembly



Chassis Assembly

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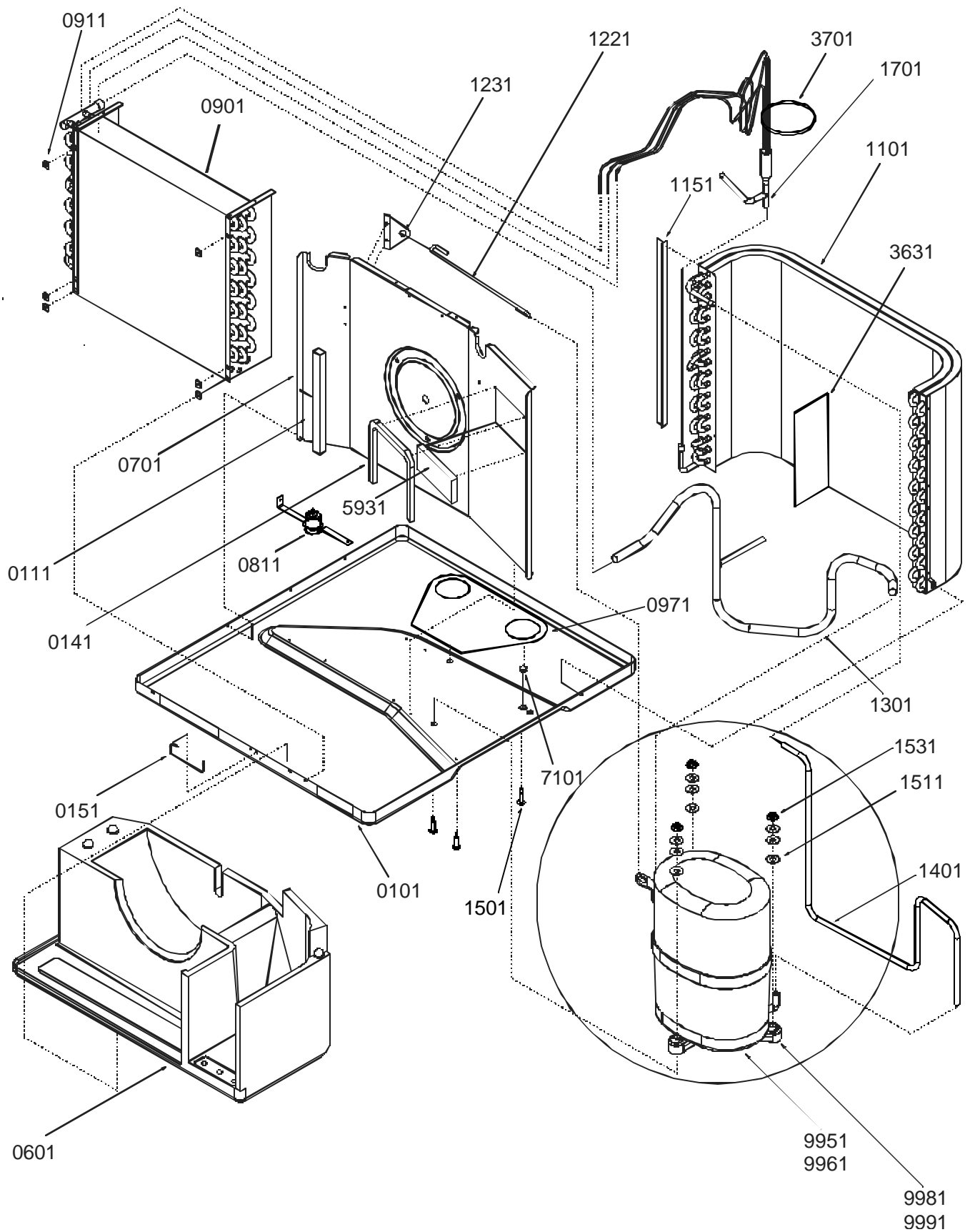
Image 1:

0011	20051901	FRONT (M6, M7)
0021	20062301	LOUVER-HORIZ (M6, M7)
0031	20063501	LOUVER-RETAINER (M6, M7)
0111	10839712	GASKET .62X.75 (QTY 2)
0121	10839713	GASKET .25X.25
0751	10839710	GASKET .87X.18
2301	20080203	MOTOR-FAN (M2, M3, M4, M5, M6, M7)
2301	20080207	MOTOR-FAN (M1)
2311	20072901	BRACKET-FAN MTR
2321	20073101	TIE BRACE
2331	20073001	SHROUD-CONDENSER
2341	20071102	FAN CONDENSER
2351	20071801	WHEEL-BLOWER (M1)
2351	20071805	WHEEL-BLOWER (M2, M3, M4, M5, M6, M7)
2361	20074701	LOUVER-VERT (QTY 3)
2401	20055502	SPRING-EXHAUST DOOR
2601	20051302	DOOR-EXHAUST
2701	20067404	SCROLL-TOP
2801	20055607	ACTUATOR-EXH DR
3301	20051502	BASE-PIVOT (QTY 2)
3401	20075501	BAR-LOWER STABILIZE
3501	20051404	GANG BAR-VERT LOUVE
3611	20090302	TIE STRAP
3801	20075601	CLIP-T'STAT PTC (M1)
3801	20065303	T'STAT BULB HLDR (M2, M3, M4, M5, M6, M7)
3901	20065401	WIRE FORM-BL (M2, M3, M4, M5, M6, M7)
3951	20072801	PANEL-RIGHT SIDE
3961	10839706	GASKET .50X.50 (QTY 2)
4101	20091001	COVER-TOP
5011	M0219730	SCREW-SM (QTY 4)
5051	10839701	GASKET 1.25X.75 (M1, M3, M5)
5101	20052001	INSERT (M1, M2, M3, M4, M5)
5101	20052001	INSERT (M6, M7)
5201	20075301	FILTER-200
5201	20075301	FILTER-200 (M1, M2, M3, M4, M5)
5201	20075301	FILTER-200 (M6, M7)
9971	10839705	GASKET .50X.25
9981	20066404	HEATER (M2, M3, M4, M5, M6, M7)
9991	20074302	SHIELD-HEATER (M2, M3, M4, M5, M6, M7)

Expanded Model Nomenclature

M1 - MC18A2TA3	P1214828R
M2 - ME18A3PA335	P1214834R
M3 - MH18A3PA335	P1214835R
M4 - ME18A3PB335	P1214837R
M5 - MH18A3PB335	P1214838R
M6 - NE18A3PA335	P1215012R
M7 - NH18A3PA335	P1215013R

Chassis Assembly



Chassis Assembly

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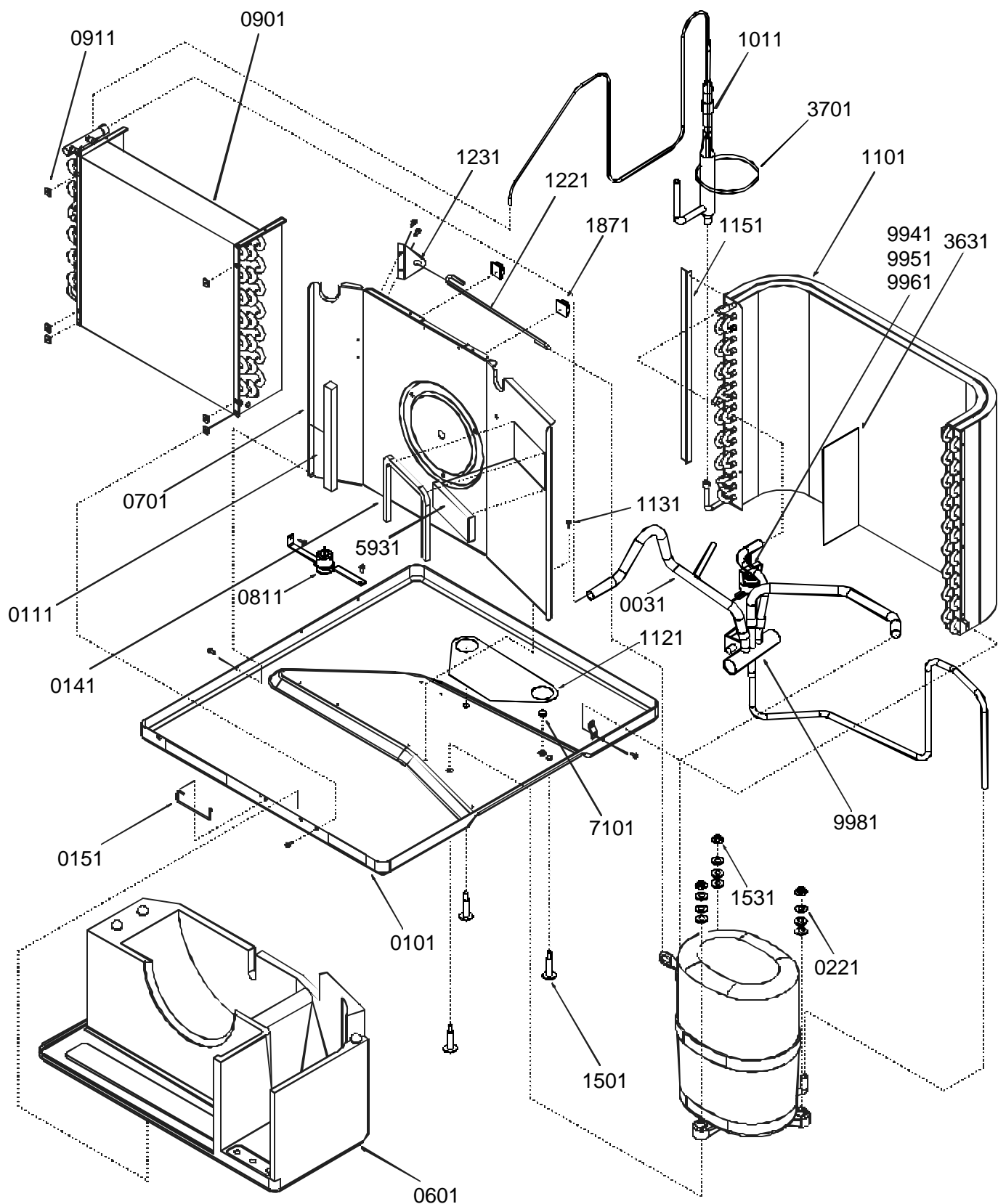
Image 1:

0101	20067205	BASEPAN (M1)
0111	10839712	GASKET .62X.75 (M1)
0141	10839716	GASKET .50X.38
0151	20088701	HANDLE-BASEPAN
0221	M0274071	WASHER-FLAT (QTY 3)
0601	20067302	SCROLL-BOTTOM (M1)
0701	20067604	PANEL-PTN
0901	20074801	EVAPORATOR ASSY (M1)
0911	M0586001	GROMMET-SCREW (M1)
1101	20074102BND	COND ASSY BEND (M1)
1121	20106301	PAD-PROTECTOR (M1)
1151	20065009	SEAL STRIP-OUTER (M1)
1221	20093601	COMPRESSOR TIE (M1)
1231	20093701	BRACKET-COMP TIE (M1)
1301	20095602	SUCTION WELD (M1)
1401	20094701	TUBE-DISCHARGE (M1)
1501	20109101	BOLT-SHOULDER (M1)
1531	20103302	NUT-FLANGE (M1)
1701	20079501	CAPILLARY ASSY (M1)
3631	20089901	BAFFLE-CONDENSATE (M1)
3701	M0321202	TIE-ELEC LG (QTY 2)
5931	10839727	GASKET 2.12X.50X5.1
7101	M0311109	PLUG-METAL HOLE
9951	10720801	COVER-TERM
9961	10720601	GASKET-TERM COVER
9981	B1315401	GROMMET-COMP FOOT (QTY 3)
9991	20091801	COMP H23B16S

Expanded Model Nomenclature

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M4 - ME18A3PB335	P1214837R
M5 - MH18A3PB335	P1214838R
M6 - NE18A3PA335	P1215012R
M7 - NH18A3PA335	P1215013R

Chassis Assembly



Chassis Assembly

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

0031	20105501	TUBE EVAP-WELD ASSY (M3, M5, M7)
0101	20067206	BASEPAN (M2, M3, M4, M5, M6, M7)
0111	10839712	GASKET .62X.75 (M2, M3, M4, M5, M6, M7)
0131	20086202BND	COND ASSY BEND (M2, M4, M6)
0131	20104801BND	COND ASSY BEND (M3, M5, M7)
0141	20050701	BLOCK-INDEXING,VENT (M2, M3, M4, M5, M6, M7)
0141	10839716	GASKET .50X.38
0151	20088701	HANDLE-BASEPAN
0601	20067302	SCROLL-BOTTOM (M2, M3, M4, M5, M6, M7)
0701	20067604	PANEL-PTN
0811	20096903	VALVE-BASEPAN (M3, M5, M7)
0911	M0586001	GROMMET-SCREW (M2, M3, M4, M5, M6, M7)
0971	20106301	PAD-PROTECTOR (M2, M3, M4, M5, M6, M7)
1011	20079501	CAPILLARY ASSY (M2, M4, M6)
1011	20106001	CAPILLARY ASSY (M3, M5, M7)
1101	20074801	EVAPORATOR ASSY (M2, M4, M6)
1101	20104601	EVAPORATOR ASSY (M3, M5, M7)
1131	M0216716	SCREW-SM
1151	20065009	SEAL STRIP-OUTER (M6, M7)
1221	20093601	COMPRESSOR TIE (M2, M3, M4, M5, M6, M7)
1231	20093701	BRACKET-COMP TIE (M2, M3, M4, M5, M6, M7)
1501	20109101	BOLT-SHOULDER (M2, M3, M4, M5, M6, M7)
1511	M0274071	WASHER-FLAT (QTY 3)
1531	20103302	NUT-FLANGE (M2, M3, M4, M5, M6, M7)
1871	M0104102	CLIP-CORD (M3, M5, M7)
3631	20089901	BAFFLE-CONDENSATE (M2, M3, M4, M5, M6, M7)
3701	M0321202	TIE-ELEC LG (QTY 2)
5931	10839727	GASKET 2.12X.50X5.1
7101	M0570805	PLUG-BUTTON (M2, M4, M6)
9941	10702401S	LOCKNUT (M3, M5, M7)
9951	10702301S	COVER-COIL (M3, M5, M7)
9961	10702202S	COIL-REV VALVE (M3, M5, M7)
9981	10680703S	VALVE-REVERSING (M3, M5, M7)

Expanded Model Nomenclature

M1 - MC18A2TA3	P1214828R
M2 - ME18A3PA335	P1214834R
M3 - MH18A3PA335	P1214835R
M4 - ME18A3PB335	P1214837R
M5 - MH18A3PB335	P1214838R
M6 - NE18A3PA335	P1215012R
M7 - NH18A3PA335	P1215013R

Compressor Assembly

Image 1

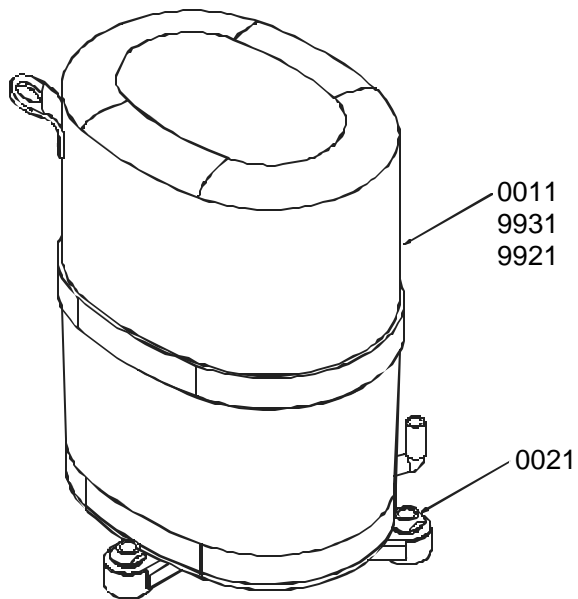


Image 2

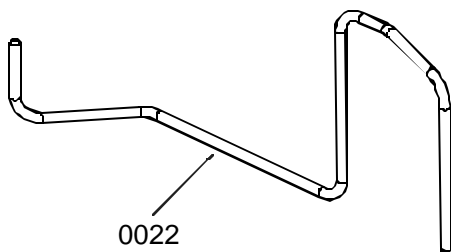


Image 3

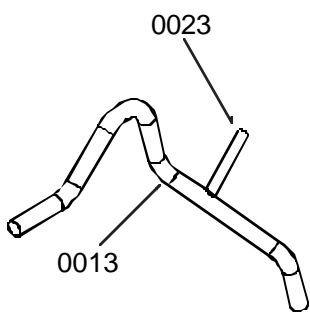


Image 4

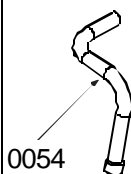


Image 5

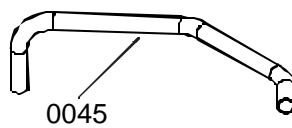
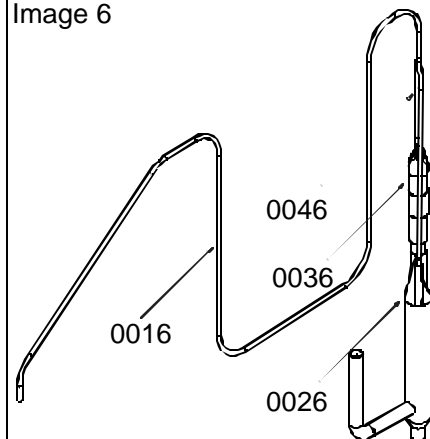


Image 6



Compressor Assembly

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

0011	20091801	COMP H23B16S
0021	B1315401	GROMMET-COMP FOOT (QTY 3)
9921	10720601	GASKET-TERM COVER
9931	10720801	COVER-TERM

Image 2:

0022	20094701	TUBE-DISCHARGE (M2, M4, M6)
0022	20104901	TUBE-DISCHARGE (M3, M5, M7)

Image 3:

0013	20105101	TUBE-INDOOR (M3, M5, M7)
0023	A4528909	TUBE-PROCESS (M1, M2, M4, M6)
0023	A4528912	TUBE-PROCESS (M3, M5, M7)

Image 4:

0054	20105001	TUBE-OUTDOOR (M3, M5, M7)
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Image 5:

0045	20110701	SUCTION TUBE (M3, M5, M7)
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Image 6:

0016	20106201	CAPILLARY TUBE (M3, M5, M7)
0026	B1257808	STRAINER (M3, M5, M7)
0036	C6469901	VALVE-CHECK (M3, M5, M7)
0046	20106101	CAPILLARY TUBE (M3, M5, M7)

Expanded Model Nomenclature

M1 - MC18A2TA3	P1214828R
M2 - ME18A3PA335	P1214834R
M3 - MH18A3PA335	P1214835R
M4 - ME18A3PB335	P1214837R
M5 - MH18A3PB335	P1214838R
M6 - NE18A3PA335	P1215012R
M7 - NH18A3PA335	P1215013R

Control Assembly

Image 1

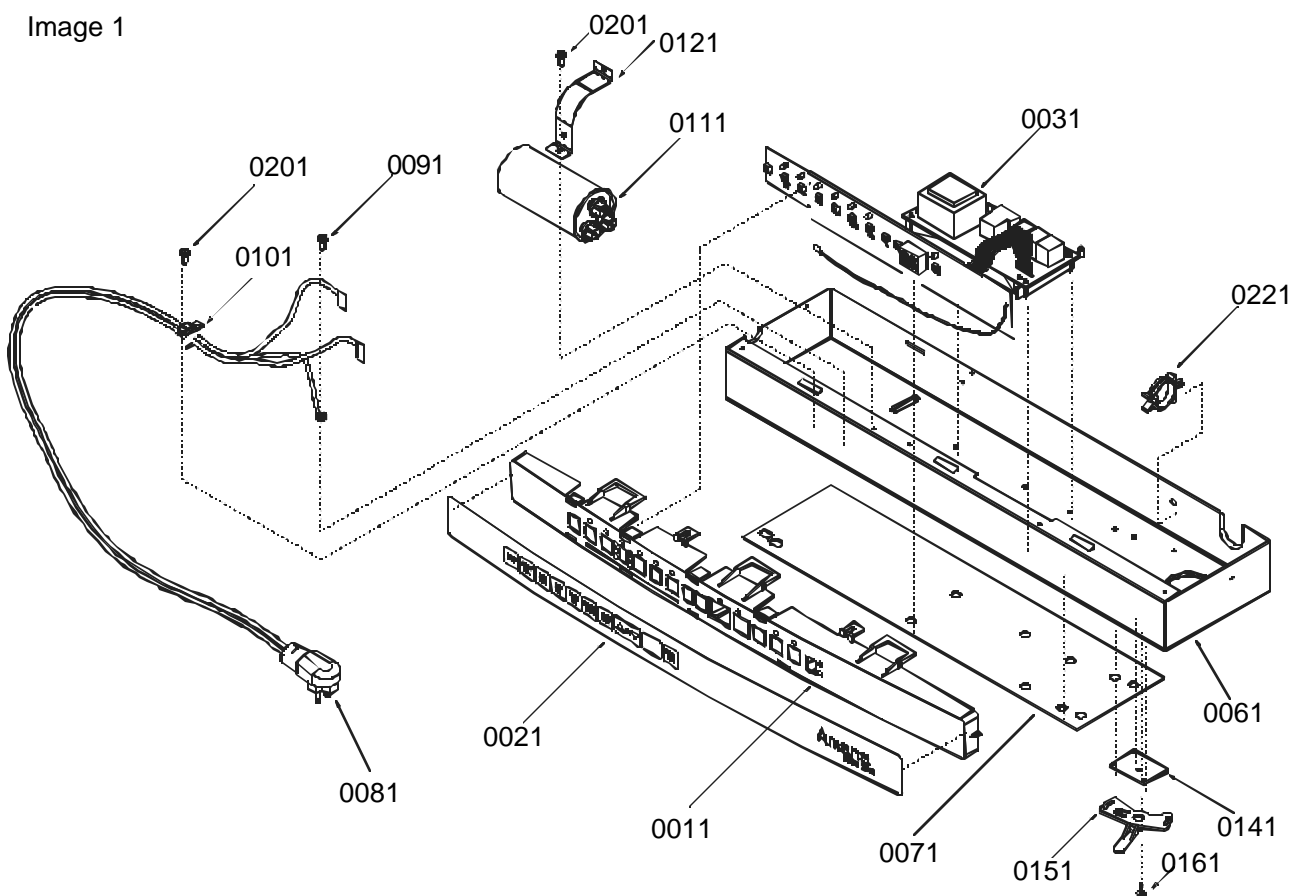
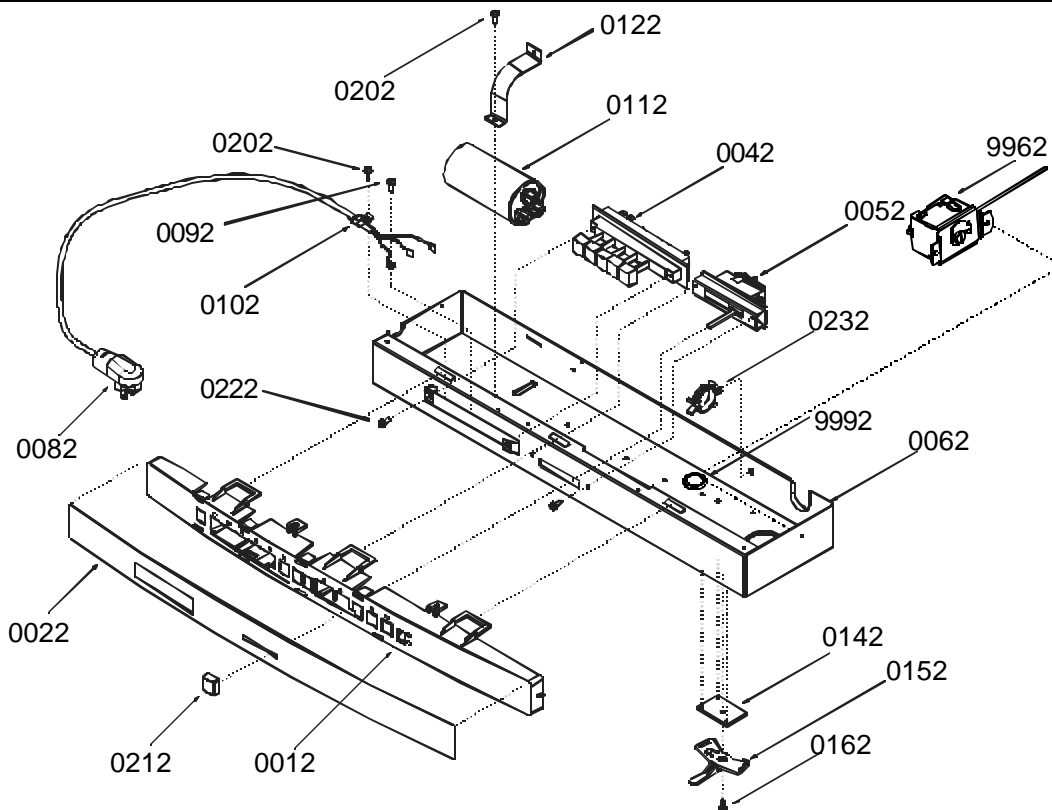


Image 2



Control Assembly

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

0011	20052902	HOUSING-CONTROL (M1)
0021	20093901	OVERLAY-200-QZ (M1)
0031	20103505	BOARD-CONTROL PC (M1)
0061	20063605	BOX-CONTROL (M1)
0071	20237101	INS-CONTROL BOX (M1)
0081	20057502	CORD-POWER (M1)
0091	M0227803	SCREW-TC (M1)
0101	M0103902	CLAMP-SPEED (M1)
0111	D6789066	CAPACITOR-ROUND (M1)
0121	C6300511	STRAP-CAPACITOR (M1)
0151	20050801	LEVER-CONTROL,VENT (M1)
0161	M0245104	SCREW-SM (M1)
0221	M0118702	CLIP-GUIDE (M1)
NS	10839820	GASKET-.062X1.0 (M1)

Image 2:

0012	20052906	HOUSING-CONTROL (M2, M3, M4, M5, M6, M7)
0022	20071501	OVERLAY-HEAT/COOL (M2, M3, M4, M5, M6, M7)
0042	20066601	SWITCH-PUSH BUTTON (M2, M4, M6)
0042	20066701	SWITCH-PUSH BUTTON (M3, M5, M7)
0052	20070402	THERMOSTAT (M2, M3, M4, M5, M6, M7)
0062	20063613	BOX-CONTROL (M2, M3, M4, M5, M6, M7)
0082	22309904	CORD-230V 20AMP (M4, M5)
0082	20057503	CORD-POWER (M2, M3, M6, M7)
0092	M0227803	SCREW-TC (M2, M3, M4, M5, M6, M7)
0102	M0103906	CLAMP-SPEED (M2, M3, M4, M5, M6, M7)
0112	D6789066	CAPACITOR-ROUND (M2, M3, M4, M5, M6, M7)
0122	C6300511	STRAP-CAPACITOR (M2, M3, M4, M5, M6, M7)
0142	20050701	BLOCK-INDEXING,VENT (M1)
0152	20050801	LEVER-CONTROL,VENT (M2, M3, M4, M5, M6, M7)
0162	M0245104	SCREW-SM (M2, M3, M4, M5, M6, M7)
0212	20066001	KNOB (M2, M3, M4, M5, M6, M7)
0222	M0211314	SCREW-SM (M2, M3, M4, M5, M6, M7)
0232	M0118702	CLIP-GUIDE (M2, M3, M4, M5, M6, M7)
9962	20113701	SWITCHOVER-T'STAT (M3, M5, M7)
9992	A4554806	BUSHING-SNAP (M2, M3, M4, M5, M6, M7)
NS	10839820	GASKET-.062X1.0 (M2, M3, M4, M5, M6, M7)

Expanded Model Nomenclature

M1 - MC18A2TA3	P1214828R
M2 - ME18A3PA335	P1214834R
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