

REPAIR PARTS

AWUF Vertical Mount Air Handler - All Aluminum

AWUF180316BA
AWUF180516BA
AWUF180816BA
AWUF240316BA
AWUF240516BA
AWUF240816BA
AWUF241016BA
AWUF300316BA
AWUF300316BB
AWUF300516BA
AWUF300516BB
AWUF300816BA
AWUF300816BB
AWUF301016BA
AWUF301016BB
AWUF360516BA
AWUF360516BB
AWUF360816BA
AWUF360816BB
AWUF361016BA
AWUF361016BB
AWUF370516BA
AWUF370816BA
AWUF371016BA



This manual is to be used by qualified technicians only.

This manual replaces RP-516D.

© 2008-2009,2013 Goodman Manufacturing Company, L.P. ♦ 5151 San Felipe, Suite 500 ♦ Houston, TX 77056

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 7

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:

BT1420039	ASSY, 10 KW HEATER LRG (M24)
BT1420034	ASSY, 10 KW HEATER LRG (M14, M15, M20, M21)
BT1420031	ASSY, 10 KW HEATER SML (M7)
BT1420032	ASSY, 5 KW HEATER LRG (M22)
BT1420029	ASSY, 5 KW HEATER SML (M2, M5)
BT1420030	ASSY, 7.3 KW HEATER SML (M3, M6)
BT1420033	ASSY, 8 KW HEATER LRG (M12, M13, M18, M19)
BT1420040	ASSY, 8 KW HEATER LRG (M23)
BT1340031	BLOWER MOTOR 1/3 HP, 2 SP, 6 PL (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
BT1340030	BLOWER MOTOR 1/5 HP, 2 SP, 6 PL (M1, M2, M3, M4, M5, M6, M7)
CAP075000370VAP	CAP, 7.5 MFD/370V/OVAL
0130M00129	HEAT RELAY, 208-230, 460, 575 (M22, M23, M24)
BT1420041	LARGE 3KW HEATER ASSY (M8, M9)
0131M00503	MOTOR, 1/2HP, SELECTECH PROGRAM (M22, M23, M24)
PCBFM103	PCB, TIME DELAY, EBTDR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
0130M00138	TRANSFORMER, 208/230, 24V

Expanded Model Nomenclature

M1 - AWUF180316BA
M2 - AWUF180516BA
M3 - AWUF180816BA
M4 - AWUF240316BA
M5 - AWUF240516BA
M6 - AWUF240816BA
M7 - AWUF241016BA
M8 - AWUF300316BA
M9 - AWUF300316BB
M10 - AWUF300516BA
M11 - AWUF300516BB
M12 - AWUF300816BA
M13 - AWUF300816BB
M14 - AWUF301016BA
M15 - AWUF301016BB
M16 - AWUF360516BA
M17 - AWUF360516BB
M18 - AWUF360816BA
M19 - AWUF360816BB
M20 - AWUF361016BA
M21 - AWUF361016BB
M22 - AWUF370516BA
M23 - AWUF370816BA
M24 - AWUF371016BA

Chassis and Coil Tubing Assy

Image 1

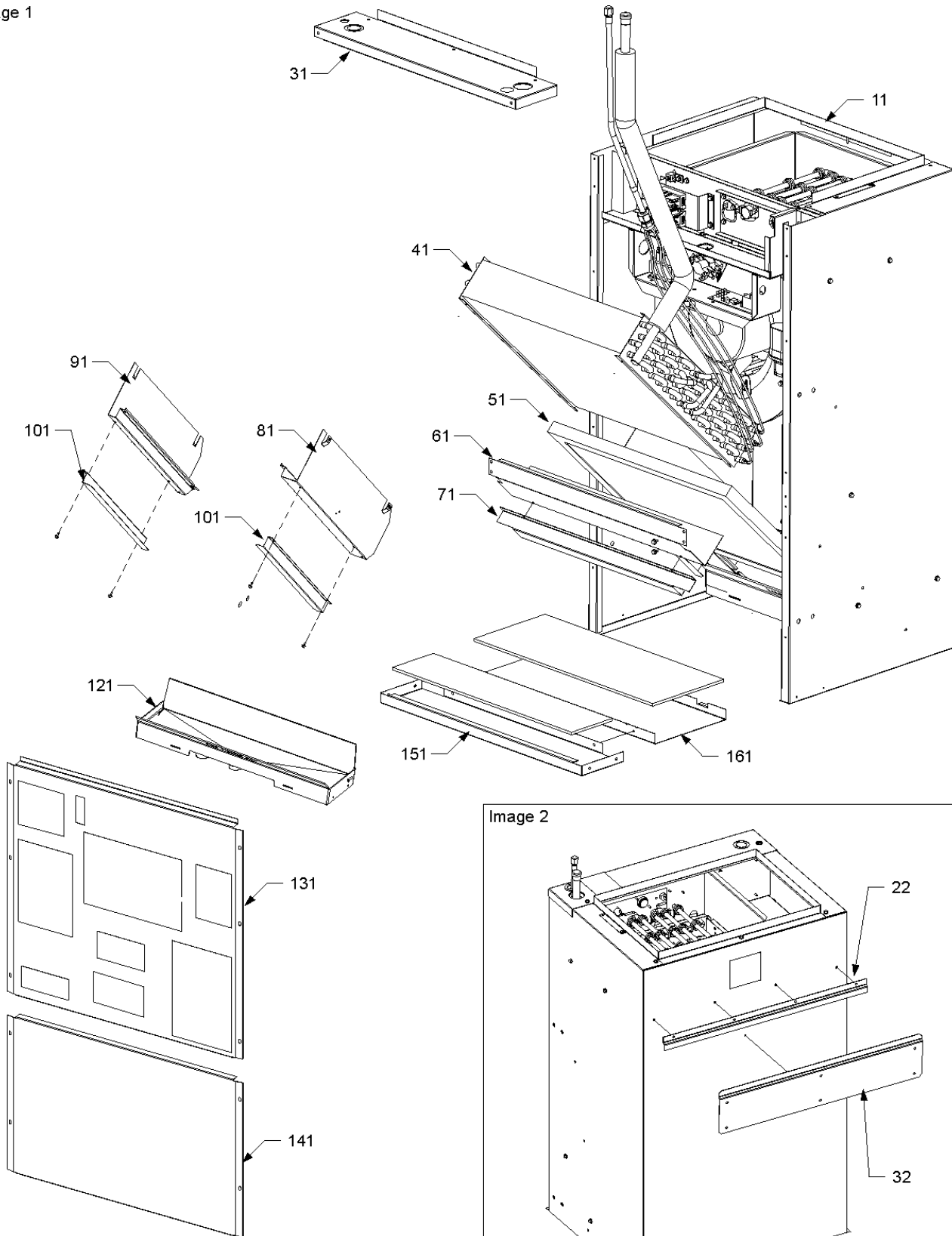
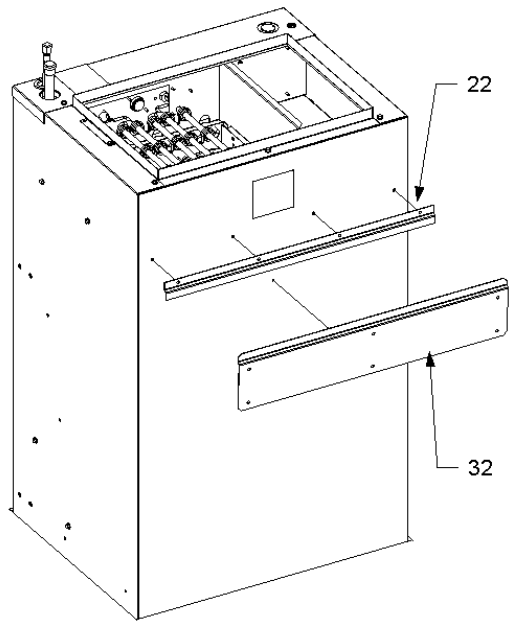


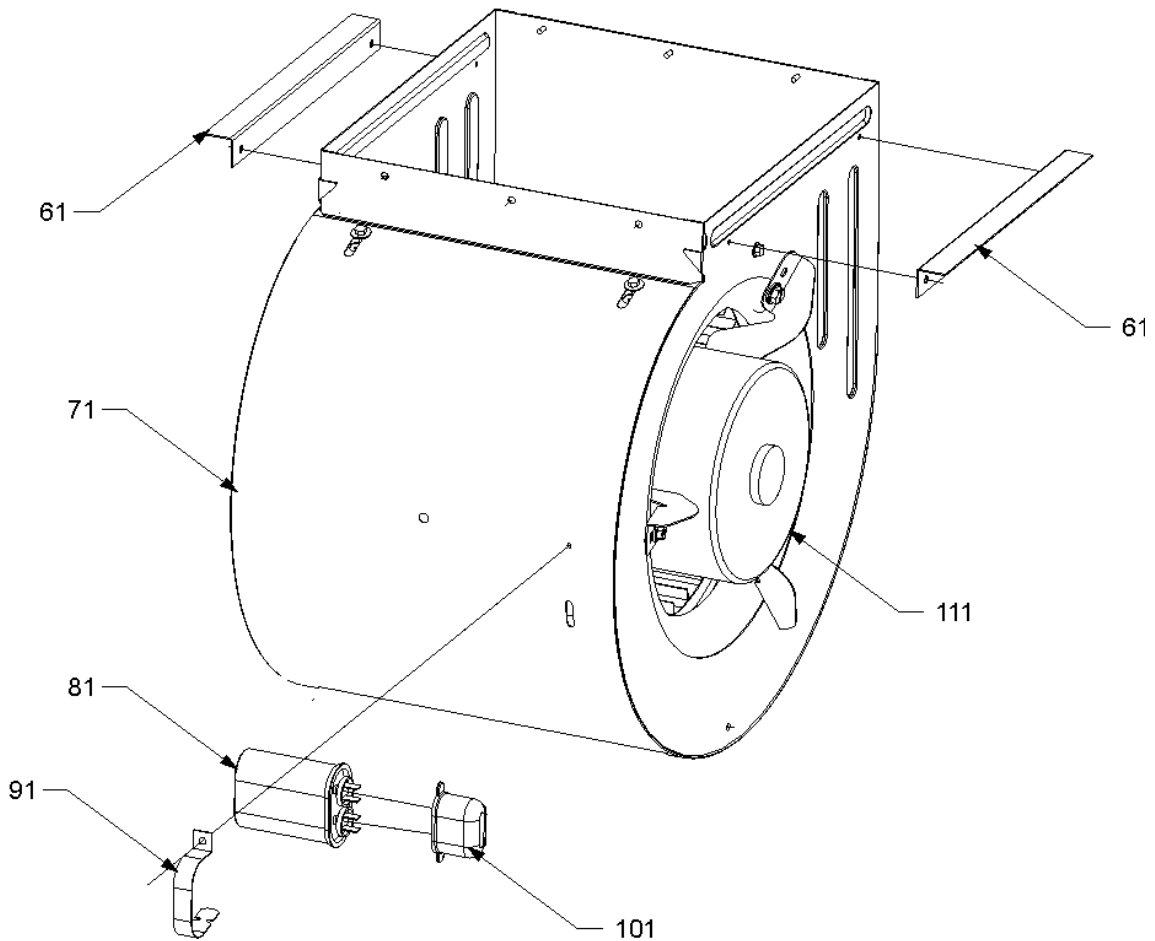
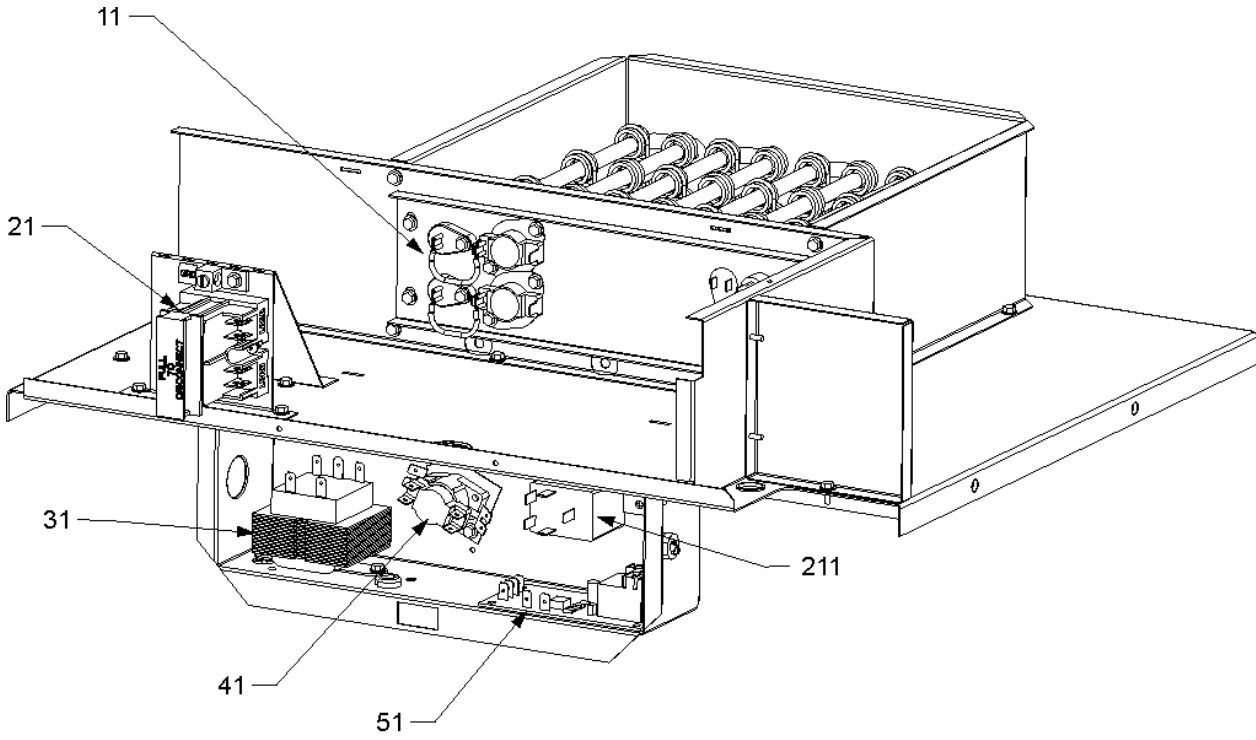
Image 2



Chassis and Coil Tubing Assy

Ref. Part No:	No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>			<i>Image 2:</i>		
11	3702005	WRAPPER, LARGE (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	22	3702501	HANGING BRACKET SML (M1, M2, M3, M4, M5, M6, M7)
11	3702004	WRAPPER, SMALL (M1, M2, M3, M4, M5, M6, M7)	32	3702800	HANGING BRACKET, FIELD
31	3702105	TOP WRAPPER LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	Expanded Model Nomenclature		
31	3702104	TOP WRAPPER SML (M1, M2, M3, M4, M5, M6, M7)	M1 - AWUF180316BA		
41	0270A00644	COIL TUBING ASSY (M1, M2, M3)	M2 - AWUF180516BA		
41	0270A00645	COIL TUBING ASSY (M8, M9, M10, M11, M12, M13, M14, M15)	M3 - AWUF180816BA		
41	0270A00662	COIL TUBING ASSY (M4, M5, M6, M7)	M4 - AWUF240316BA		
41	0270A00663	COIL TUBING ASSY (M16, M17, M18, M19, M20, M21)	M5 - AWUF240516BA		
41	0270A00664	COIL TUBING ASSY (M22, M23, M24)	M6 - AWUF240816BA		
51	BT1369604	AIR FILTER 14 X 18 X 1 (M1, M2, M3, M4, M5, M6, M7)	M7 - AWUF241016BA		
51	BT1369606	AIR FILTER 16 X 20 X 1 (M8, M10, M12, M14, M16, M18, M20)	M8 - AWUF300316BA		
51	0160L00141	AIR FILTER, 18X20X1 (M9, M11, M13, M15, M17, M19, M21, M22, M23, M24)	M9 - AWUF300316BB		
61	0121A00066	CENTER TIE PLATE (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	M10 - AWUF300516BA		
61	0121A00067	CENTER TIE PLATE (M1, M2, M3, M4, M5, M6, M7)	M11 - AWUF300516BB		
71	3701802	FILTER OFFSET BRACKET SML (M1, M2, M3, M4, M5, M6, M7)	M12 - AWUF300816BA		
81	3701231	GUTTER RAIL, RIGHT LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	M13 - AWUF300816BB		
81	3701224	GUTTER RAIL, RIGHT SML (M1, M2, M3, M4, M5, M6, M7)	M14 - AWUF301016BA		
91	3701232	GUTTER RAIL, LEFT LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	M15 - AWUF301016BB		
91	3701225	GUTTER RAIL, LEFT SML (M1, M2, M3, M4, M5, M6, M7)	M16 - AWUF360516BA		
101	3701203	FILTER SUPPORT SML (M1, M2, M3, M4, M5, M6, M7)	M17 - AWUF360516BB		
121	0161R00021	DRAIN PAN LARGE (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	M18 - AWUF360816BA		
121	0161R00022	DRAIN PAN SMALL (M1, M2, M3, M4, M5, M6, M7)	M19 - AWUF360816BB		
131	3701535	ACCESS PANEL, FRONT LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	M20 - AWUF361016BA		
131	3701536	FRONT PANEL SML (M1, M2, M3, M4, M5, M6, M7)	M21 - AWUF361016BB		
141	3701505	LOWER ACCESS PANEL-FRONT (M1, M2, M3, M4, M5, M6, M7)	M22 - AWUF370516BA		
151	3702301	BOTTOM TIE PLATE LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)	M23 - AWUF370816BA		
151	3702303	BOTTOM TIE PLATE SML (M1, M2, M3, M4, M5, M6, M7)	M24 - AWUF371016BA		
161	3701500	ACCESS PANEL, DRAIN LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)			
161	3701502	ACCESS PANEL, DRAIN SML (M1, M2, M3, M4, M5, M6, M7)			
NS	3701242	DRIP SHIELD LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)			
NS	B1787000	VALVE CORE			
<i>Image 2:</i>					
22	3702500	HANGING BRACKET LRG (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)			

Blower and Heater Assemblies



Blower and Heater Assemblies

Ref. Part
No: No:

Description:

Ref. Part
No: No:

Description:

Image 1:

11	BT1420034	ASSY, 10 KW HEATER LRG (M14, M15, M20, M21)
11	BT1420039	ASSY, 10 KW HEATER LRG (M24)
11	BT1420031	ASSY, 10 KW HEATER SML (M7)
11	BT1420032	ASSY, 5 KW HEATER LRG (M22)
11	BT1420029	ASSY, 5 KW HEATER SML (M2, M5)
11	BT1420030	ASSY, 7.3 KW HEATER SML (M3, M6)
11	BT1420033	ASSY, 8 KW HEATER LRG (M12, M13, M18, M19)
11	BT1420040	ASSY, 8 KW HEATER LRG (M23)
11	BT1420041	LARGE 3KW HEATER ASSY (M8, M9)
21	BT1753510	DISCONNECT, PULL OUT
31	0130M00138	TRANSFORMER, 208/230, 24V
41	B1256558	SEQUENCER (M1, M3, M4, M7, M8, M9, M10, M15, M16, M21)
41	B1256559	SEQUENCER (M2, M5, M6, M11, M12, M13, M14, M17, M18, M19, M20, M22, M23, M24)
51	PCBFM103	PCB, TIME DELAY, EBTDR (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
61	3702705	BLOWER ANGLE 10" (M22, M23, M24)
61	3702702	BLOWER ANGLE 6.063" (M1, M2, M3, M4, M5, M6, M7)
61	3702701	BLOWER ANGLE 8.531" (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M23)
61	3702700	BLOWER ANGLE 9" (M1, M2, M3, M4, M5, M6, M7)
71	3760200	BLOWER HOUSING (M1, M2, M3, M4, M5, M6, M7)
71	3760202	BLOWER HOUSING (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23, M24)
81	CAP075000370VAP	CAP, 7.5 MFD/370V/OVAL
91	3784800	CAPACITOR STRAP
101	B821700	CAPACITOR BOOT
111	BT1340031	BLOWER MOTOR 1/3 HP, 2 SP, 6 PL (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
111	BT1340030	BLOWER MOTOR 1/5 HP, 2 SP, 6 PL (M1, M2, M3, M4, M5, M6, M7)
111	0131M00503	MOTOR, 1/2HP, SELECTECH PROGRAM (M22, M23, M24)
211	0130M00129	HEAT RELAY, 208-230, 460, 575 (M22, M23, M24)
NS	3739000	BLOWER CUT-OFF 6" (M1, M2, M3, M4, M5, M6, M7)
NS	3739002	BLOWER CUT-OFF LRG (M22, M23, M24)
NS	BT1368008	BLOWER WHEEL 10 X 6 (M4, M5, M6, M7)
NS	B1368016	BLOWER WHEEL 10 X 8 (M22, M23, M24)
NS	B1368042	BLOWER WHEEL 9 X 6 (M1, M2, M3)
NS	B1368036	BLOWER WHEEL 9 X 8 (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
NS	B1392143	GROMMET, 26TAL F/TORSIN FLEX (M8, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
NS	B1393322	MACHINE SCREW HWH 1/4-20 X 1-1/2 BZ (M22, M23, M24)
NS	B1393323	MACHINE SCREW HWH 1/4-20 X 1-1/2 BZ (M22, M23, M24)
NS	B1393309	MACHINE SCREW, 1/4-20 TPI X 3/4" LG (M1, M2, M3, M4, M5, M6, M7)
NS	B1376861	MOTOR MOUNT ARM (M22, M23, M24)
NS	0121M00038	MOTOR MOUNT BAND (M22, M23, M24)
NS	0130M00022	X-13 POWER HARNESS (M22, M23, M24)

Expanded Model Nomenclature

M1 - AWUF180316BA
M2 - AWUF180516BA
M3 - AWUF180816BA
M4 - AWUF240316BA
M5 - AWUF240516BA
M6 - AWUF240816BA
M7 - AWUF241016BA
M8 - AWUF300316BA
M9 - AWUF300316BB
M10 - AWUF300516BA
M11 - AWUF300516BB
M12 - AWUF300816BA
M13 - AWUF300816BB
M14 - AWUF301016BA
M15 - AWUF301016BB
M16 - AWUF360516BA
M17 - AWUF360516BB
M18 - AWUF360816BA
M19 - AWUF360816BB
M20 - AWUF361016BA
M21 - AWUF361016BB
M22 - AWUF370516BA
M23 - AWUF370816BA
M24 - AWUF371016BA