

REPAIR PARTS

AWUF Air Handler

AWUF180316BD
AWUF180516BD
AWUF180816BD
AWUF190316AC
AWUF190316BA
AWUF190516AC
AWUF190516BA
AWUF190816AC
AWUF190816BA
AWUF240316BD
AWUF240516BD
AWUF240816BD
AWUF241016BC
AWUF250316AC
AWUF250516AC
AWUF250816AC
AWUF251016AC
AWUF300516BE
AWUF300816BE
AWUF301016BE
AWUF310516AE
AWUF310816AD
AWUF321016AD
AWUF360516BE
AWUF360816BE
AWUF361016BE
AWUF370516BD
AWUF370816BD
AWUF371016BD



This manual is to be used by qualified technicians only.

This manual replaces RP-4312.

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Important Information

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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:

Homeowner Support

Goodman Manufacturing 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 Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

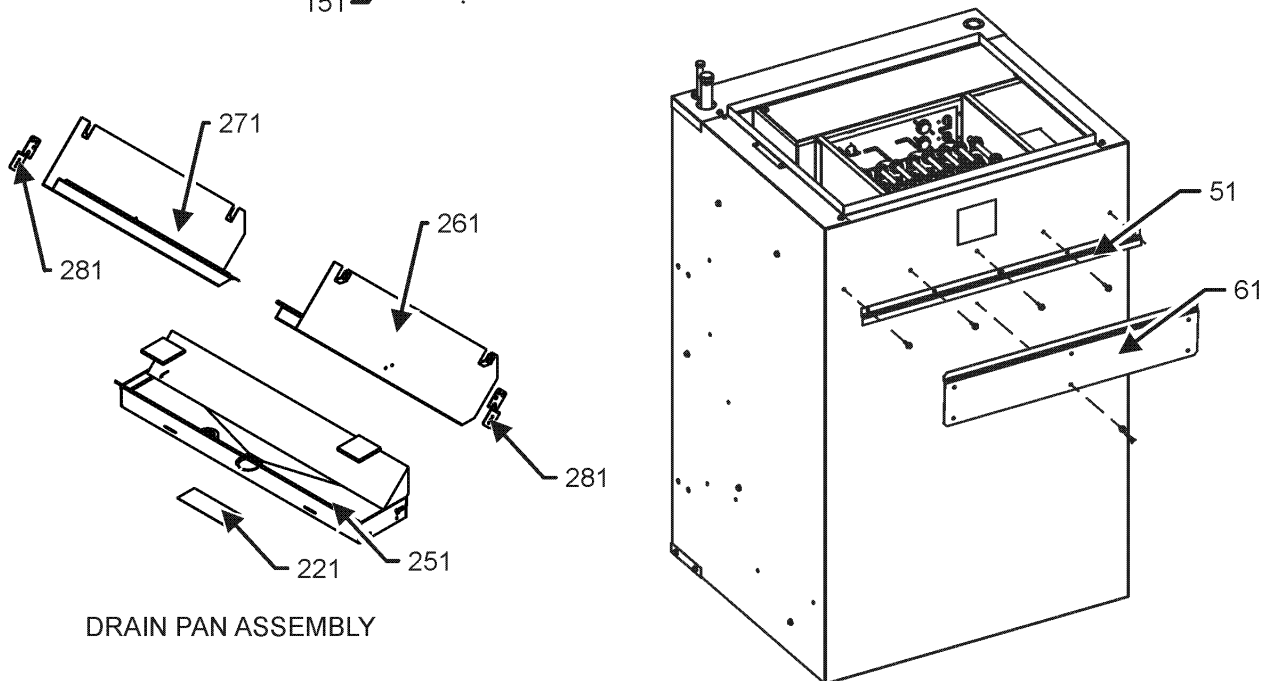
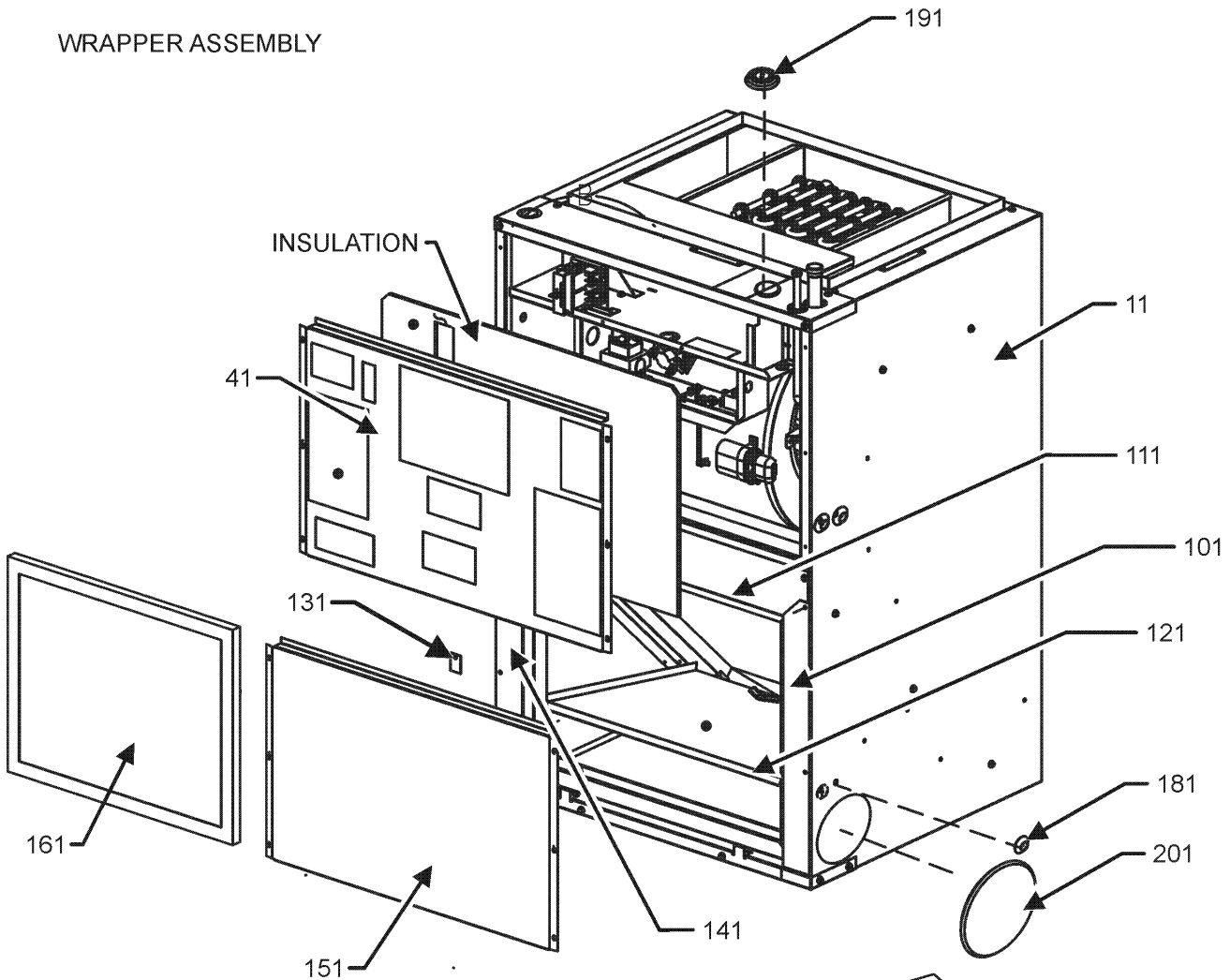
Part

No: Description:

		Expanded Model Nomenclature
BT1420028	ASM, HEATER(SMALL 3KW) (M1, M4, M5, M10, M14)	M1 - AWUF180316BD
BT1340030	BLOWER MOTOR 1/5 HP, 2 SP, 6 PL (M1, M2, M3, M10, M11, M12, M13)	M2 - AWUF180516BD
BT1340031	BLOWER MOTOR, 1/3HP, 2SP, 6PL (M18, M19, M20, M24, M25, M26)	M3 - AWUF180816BD
0131M00502	BLOWER MOTOR, 1/2HP, SELECTECH PROGRAM (M22, M23)	M4 - AWUF190316AC
0131M00501	BLOWER MOTOR, 1/2HP, SELECTECH PROGRAM (M21)	M5 - AWUF190316BA
0131M00503	BLOWER MOTOR, 1/2HP, SELECTECH PROGRAM (M27, M28, M29)	M6 - AWUF190516AC
0131M00739	BLOWER MOTOR, 1/3HP, BROAD OCEAN (M4, M6, M8, M14, M15, M16, M17)	M7 - AWUF190516BA
CAP075000370LA	CAPACITOR 7.5/370V (M1, M2, M3, M10, M11, M12, M13, M18, M19, M20, M24, M25, M26)	M8 - AWUF190816AC
CONT2P040024V	CONTACTOR 40 AMP, 2P, 24V	M9 - AWUF190816BA
PCBFM103	ELECTRONIC BLOWER TIME DELAY (M1, M2, M3, M10, M11, M12, M13, M18, M19, M20, M24, M25, M26)	M10 - AWUF240316BD
BT1420032	ELEMENT, 4.8 KW LARGE HEATER (M18, M21, M24, M27)	M11 - AWUF240516BD
BT1420029	ELEMENT, 4.8 KW SMALL HEATER (M2, M6, M7, M11, M15)	M12 - AWUF240816BD
BT1420033	ELEMENT, 7.3 KW HEATER (M19, M25)	M13 - AWUF241016BC
BT1420030	ELEMENT, 7.3 KW SMALL HEATER (M3, M8, M9, M12, M16)	M14 - AWUF250316AC
BT1420040	ELEMENT, 7.3KW HEATER (M22, M28)	M15 - AWUF250516AC
BT1420034	ELEMENT, 9.8 KW HEATER (M20, M26)	M16 - AWUF250816AC
BT1420031	ELEMENT, 9.8 KW SMALL HEATER (M13, M17)	M17 - AWUF251016AC
BT1420039	ELEMENT, 9.8KW HEATER (M23, M29)	M18 - AWUF300516BE
0131M00879	MOTOR (M5, M7, M9)	M19 - AWUF300816BE
0130M00138	TRANSFORMER, 208/230, 24V	M20 - AWUF301016BE
		M21 - AWUF310516AE
		M22 - AWUF310816AD
		M23 - AWUF321016AD
		M24 - AWUF360516BE
		M25 - AWUF360816BE
		M26 - AWUF361016BE
		M27 - AWUF370516BD
		M28 - AWUF370816BD
		M29 - AWUF371016BD

WRAPPER ASSEMBLY

WRAPPER ASSEMBLY



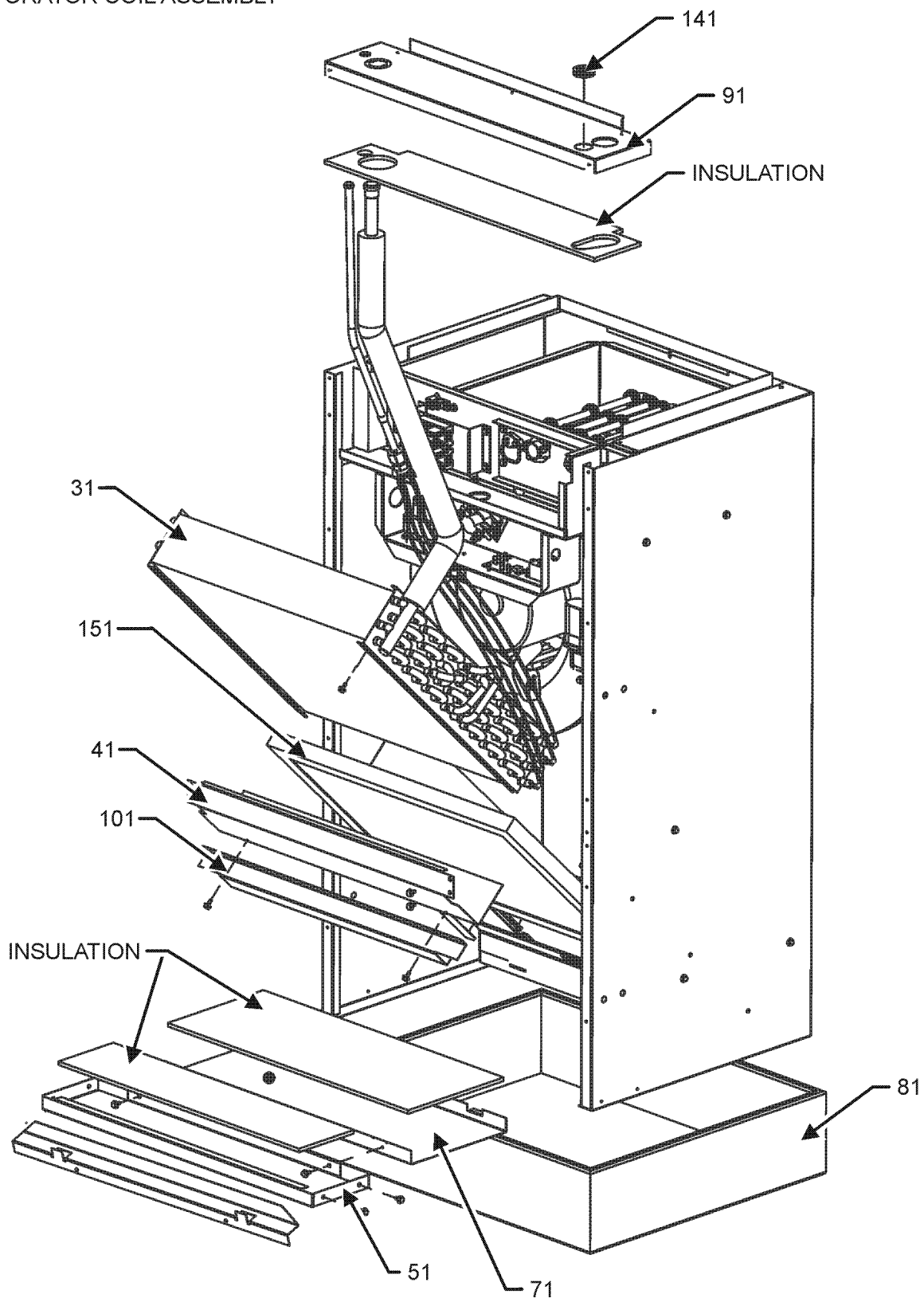
DRAIN PAN ASSEMBLY

WRAPPER ASSEMBLY

Ref. Part No: No:		Description:	Ref. Part No: No:		Description:
Image 1:			Expanded Model Nomenclature		
11	3702005	WRAPPER, LARGE (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	M1 - AWUF180316BD M2 - AWUF180516BD M3 - AWUF180816BD M4 - AWUF190316AC M5 - AWUF190316BA M6 - AWUF190516AC M7 - AWUF190516BA M8 - AWUF190816AC M9 - AWUF190816BA M10 - AWUF240316BD M11 - AWUF240516BD M12 - AWUF240816BD M13 - AWUF241016BC M14 - AWUF250316AC M15 - AWUF250516AC M16 - AWUF250816AC M17 - AWUF251016AC M18 - AWUF300516BE M19 - AWUF300816BE M20 - AWUF301016BE M21 - AWUF310516AE M22 - AWUF310816AD M23 - AWUF321016AD M24 - AWUF360516BE M25 - AWUF360816BE M26 - AWUF361016BE M27 - AWUF370516BD M28 - AWUF370816BD M29 - AWUF371016BD		
11	3702004	WRAPPER, SMALL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
41	3701535	ACCESS PANEL, FRONT LRG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
41	0121A00450	PANEL, SMALL FRONT ACCESS (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
51	3702500	HANGING BRACKET LRG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
51	3702501	HANGING BRACKET SML (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
61	3702800	HANGING BRACKET, FIELD			
101	0121A00041	BRKT, LEFT FILTER LRG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
111	0121A00042	BRKT, LRG TOP FILTER (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
121	3701242	DRIP SHIELD LRG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
131	3701243	BKT, LRG RETAINER (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
141	0121A00043	BRKT, RIGHT FILTER (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
151	3701505	LOWER ACCESS PANEL-FRONT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
161	0160L00139	Air Filter 14x18x1 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
161	0160L00141	Air Filter 18x20x1 (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
181	0161A00068	PLUG-BUTTON (QTY 2)			
191	0161A00067	FLUSH PLUG			
201	0161A00068	PLUG-BUTTON (QTY 2)			
221	0128R00007	SHIELD, DRAIN PAN			
251	0161R00021	DRAIN PAN LARGE (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
251	0161R00022	DRAIN PAN SMALL (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
261	0121A01257HT	GUTTER RIGHT, WRAPPER ASSY (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
261	0121A01259HT	GUTTER RIGHT, WRAPPER ASSY (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
271	0121A01258HT	GUTTER LEFT, WRAPPER ASSY (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)			
271	0121A01260HT	GUTTER LEFT, WRAPPER ASSY (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			
281	3701805	BRACKET, OFF SET (QTY 2)			
NS	3701203	FILTER SUPPORT SML (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)			

EVAPORATOR COIL ASSEMBLY

EVAPORATOR COIL ASSEMBLY



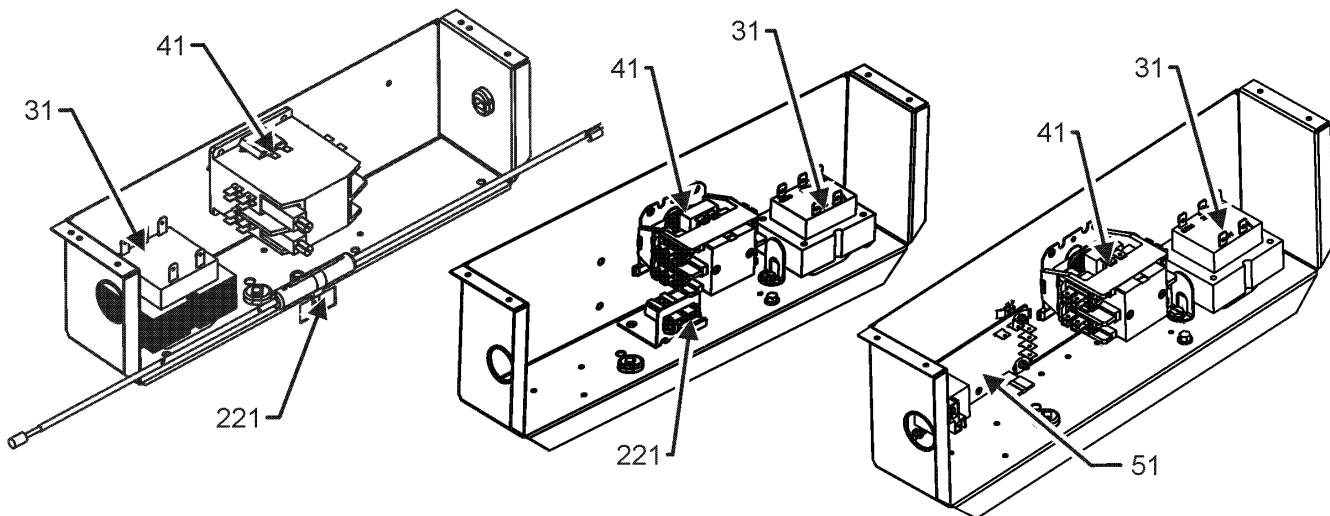
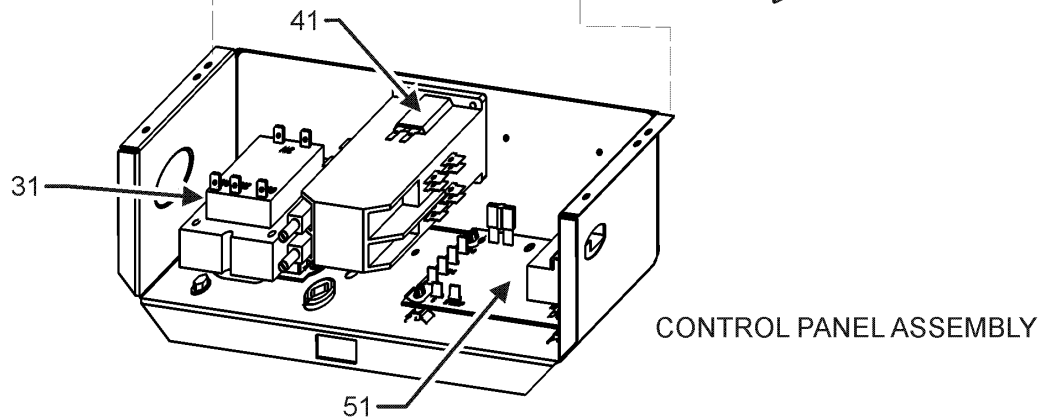
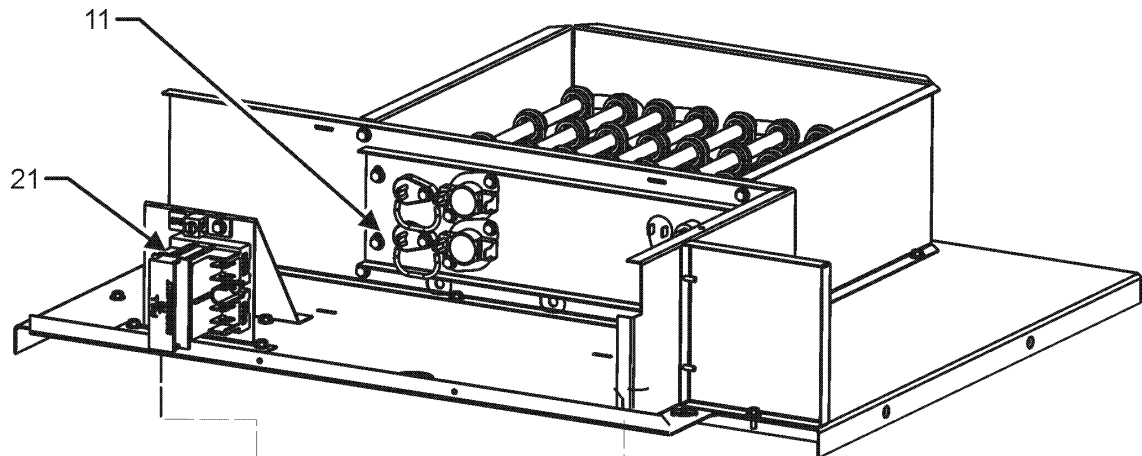
EVAPORATOR COIL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

EVAPORATOR COIL ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
31	0270A01153	COIL TUBING ASSY (M27, M28, M29)	
31	0270A01154	COIL TUBING ASSY (M1, M2, M3)	
31	0270A01164	COIL TUBING ASSY (M4, M5, M6, M7, M8, M9)	
31	0270A01165	COIL TUBING ASSY (M10, M11, M12, M13)	
31	0270A01166	COIL TUBING ASSY (M14, M15, M16, M17)	
31	0270A01167	COIL TUBING ASSY (M18, M19, M20)	
31	0270A01168	COIL TUBING ASSY (M21, M22, M23)	
31	0270A01169	COIL TUBING ASSY (M24, M25, M26)	
41	0121A00067	PLATE, CENTER TIE (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	
41	0121A01157	PLATE, CENTER TIE (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
51	0121A01223	PLATE, BOTTOM TIE (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
51	0121A01224	PLATE, BOTTOM TIE (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	
71	3701500	ACCESS PANEL, DRAIN LRG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
71	3701502	ACCESS PANEL, DRAIN SML (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	
81	BT1700051	CAP; LG. AIR HANDLER BOTTOM (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28)	
81	BT1700050	CAP; SM. AIR HANDLER BOTTOM (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	
91	3702105	TOP WRAPPER LRG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
91	3702104	TOP WRAPPER SML (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	
101	3701802	FILTER OFFSET BRACKET SML (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	
141	0164A00002	GROMMET	
151	0160L00139	Air Filter 14x18x1 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	
151	0160L00141	Air Filter 18x20x1 (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	
NS	0163M00175	CAP WITH O-RING	
NS	B1787000	VALVE CORE	
		M1 - AWUF180316BD M2 - AWUF180516BD M3 - AWUF180816BD M4 - AWUF190316AC M5 - AWUF190316BA M6 - AWUF190516AC M7 - AWUF190516BA M8 - AWUF190816AC M9 - AWUF190816BA M10 - AWUF240316BD M11 - AWUF240516BD M12 - AWUF240816BD M13 - AWUF241016BC M14 - AWUF250316AC M15 - AWUF250516AC M16 - AWUF250816AC M17 - AWUF251016AC M18 - AWUF300516BE M19 - AWUF300816BE M20 - AWUF301016BE M21 - AWUF310516AE M22 - AWUF310816AD M23 - AWUF321016AD M24 - AWUF360516BE M25 - AWUF360816BE M26 - AWUF361016BE M27 - AWUF370516BD M28 - AWUF370816BD M29 - AWUF371016BD	

HEATER PANEL ASSEMBLY

HEATER PANEL ASSEMBLY



ALTERNATE CONTROL PANEL ASSEMBLIES

CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

HEATER PANEL ASSEMBLY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

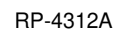
Image 1:

11	BT1420028	ASM, HEATER(SMALL 3KW) (M1, M4, M5, M10, M14)
11	BT1420032	ELEMENT, 4.8 KW LARGE HEATER (M18, M21, M24, M27)
11	BT1420029	ELEMENT, 4.8 KW SMALL HEATER (M2, M6, M7, M11, M15)
11	BT1420033	ELEMENT, 7.3 KW HEATER (M19, M25)
11	BT1420030	ELEMENT, 7.3 KW SMALL HEATER (M3, M8, M9, M12, M16)
11	BT1420040	ELEMENT, 7.3KW HEATER (M22, M28)
11	BT1420034	ELEMENT, 9.8 KW HEATER (M20, M26)
11	BT1420031	ELEMENT, 9.8 KW SMALL HEATER (M13, M17)
11	BT1420039	ELEMENT, 9.8KW HEATER (M23, M29)
21	0130A00091	DISCONNECT, PULL OUT
31	0130M00138	TRANSFORMER, 208/230, 24V
41	CONT2P040024V	CONTACTOR 40 AMP, 2P, 24V
51	PCBFM103	ELECTRONIC BLOWER TIME DELAY (M1, M2, M3, M10, M11, M12, M13, M18, M19, M20, M24, M25, M26)
221	0130M00488	FUSE HOLDER (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17, M21, M22, M23, M27, M28, M29)
NS	3701538	BKT, LRG DSCNCT MTG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)
NS	3701537	BKT, SML DSCNCT MTG (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
NS	3701522	COLLAR, HEATER (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
NS	3701507	COLLAR, HTR. LG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)

Expanded Model Nomenclature

M1 - AWUF180316BD
 M2 - AWUF180516BD
 M3 - AWUF180816BD
 M4 - AWUF190316AC
 M5 - AWUF190316BA
 M6 - AWUF190516AC
 M7 - AWUF190516BA
 M8 - AWUF190816AC
 M9 - AWUF190816BA
 M10 - AWUF240316BD
 M11 - AWUF240516BD
 M12 - AWUF240816BD
 M13 - AWUF241016BC
 M14 - AWUF250316AC
 M15 - AWUF250516AC
 M16 - AWUF250816AC
 M17 - AWUF251016AC
 M18 - AWUF300516BE
 M19 - AWUF300816BE
 M20 - AWUF301016BE
 M21 - AWUF310516AE
 M22 - AWUF310816AD
 M23 - AWUF321016AD
 M24 - AWUF360516BE
 M25 - AWUF360816BE
 M26 - AWUF361016BE
 M27 - AWUF370516BD
 M28 - AWUF370816BD
 M29 - AWUF371016BD

BLOWER ASSEMBLY



BLOWER ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
61	3702702	391	3702705
	BLOWER ANGLE 6.063" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		BLOWER ANGLE 10" (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)
61	3702701	391	3702700
	BLOWER ANGLE 8.531" (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)		BLOWER ANGLE 9" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
71	3760200	NS	0130A00112
	WELDMENT, BLWR HSG. (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)		MOTOR LOW VOLTAGE WIRE HARNESS (M8, M9, M16, M17)
71	3760202	NS	0130A00113
	WELDMENT, BLWR HSG. (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)		MOTOR LOW VOLTAGE WIRE HARNESS (M4, M5, M6, M7, M14, M15)
81	CAP075000370LA	NS	0130A00021
	CAPACITOR 7.5/370V (M1, M2, M3, M10, M11, M12, M13, M18, M19, M20, M24, M25, M26)		X-13 LOW VOLTAGE WIRE HARNESS (M21, M22, M23, M27, M28, M29)
91	3784800	NS	0130M00022
	CAPACITOR STRAP (M1, M2, M3, M10, M11, M12, M13, M18, M19, M20, M24, M25, M26)		X-13 POWER HARNESS (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17, M21, M22, M23, M27, M28, M29)
101	B821700	Expanded Model Nomenclature	
	CAPACITOR BOOT (M18, M19, M20, M24, M25, M26)	M1 - AWUF180316BD	
111	BT1340030	M2 - AWUF180516BD	
	BLOWER MOTOR 1/5 HP, 2 SP, 6 PL (M1, M2, M3, M10, M11, M12, M13)	M3 - AWUF180816BD	
111	BT1340031	M4 - AWUF190316AC	
	BLOWER MOTOR, 1/3HP, 2SP, 6PL (M18, M19, M20, M24, M25, M26)	M5 - AWUF190316BA	
111	0131M00501	M6 - AWUF190516AC	
	BLOWER MOTOR, 1/2HP, SELECTECH PROGRAM (M21)	M7 - AWUF190516BA	
111	0131M00502	M8 - AWUF190816AC	
	BLOWER MOTOR, 1/2HP, SELECTECH PROGRAM (M22, M23)	M9 - AWUF190816BA	
111	0131M00503	M10 - AWUF240316BD	
	BLOWER MOTOR, 1/2HP, SELECTECH PROGRAM (M27, M28, M29)	M11 - AWUF240516BD	
111	0131M00739	M12 - AWUF240816BD	
	BLOWER MOTOR, 1/3HP, BROAD OCEAN (M4, M6, M8, M14, M15, M16, M17)	M13 - AWUF241016BC	
111	0131M00879	M14 - AWUF250316AC	
	MOTOR (M5, M7, M9)	M15 - AWUF250516AC	
281	3739000	M16 - AWUF250816AC	
	BLOWER CUT-OFF 6" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	M17 - AWUF251016AC	
281	3739002	M18 - AWUF300516BE	
	BLOWER CUT-OFF LRG (M18, M19, M20, M21, M22, M23, M24, M25, M26, M27, M28, M29)	M19 - AWUF300816BE	
291	0121M00038	M20 - AWUF301016BE	
	MOTOR MOUNT BAND (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17, M21, M22, M23, M27, M28, M29)	M21 - AWUF310516AE	
301	B1376853	M22 - AWUF310816AD	
	MOTOR MOUNT ARM (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17)	M23 - AWUF321016AD	
301	B1376861	M24 - AWUF360516BE	
	MOTOR MOUNT ARM (M21, M22, M23, M27, M28, M29)	M25 - AWUF360816BE	
311	B1368034	M26 - AWUF361016BE	
	BLOWER WHEEL 10 X 6 (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)	M27 - AWUF370516BD	
311	B1368016	M28 - AWUF370816BD	
	BLOWER WHEEL 10 X 8 (M21, M22, M23, M27, M28, M29)	M29 - AWUF371016BD	
311	B1368042		
	BLOWER WHEEL 9 X 6 (M1, M2, M3)		
311	B1368036		
	BLOWER WHEEL 9 X 8 (M18, M19, M20, M24, M25, M26)		
321	M0250565		
	SCREW-TC 1.25" (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17, M21, M22, M23, M27, M28, M29)		
341	B1392918		
	WASHER, FLAT 1/4 ID X 1 OD (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17, M21, M22, M23, M27, M28, M29)		
351	B1393323		
	MACHINE SCREW HWH 1/4-20 X 1-1/2 BZ (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17, M21, M22, M23, M27, M28, M29)		
361	B1393800		
	LOCKNUT, NYLON, INSERT 1/4 (M4, M5, M6, M7, M8, M9, M14, M15, M16, M17, M21, M22, M23, M27, M28, M29)		
381	M0250558		
	SCREW-TC H (M1, M2, M3, M10, M11, M12, M13, M18, M19, M20, M24, M25, M26)		