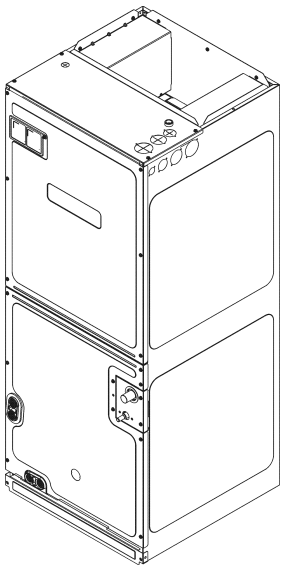
AMANA®
HEATING & AIR CONDITIONING

REPAIR PARTS

AMST Air Handler

AMST24BU1300BA
AMST30BU1300BA
AMST36BU1300BA
AMST36CU1300BA
AMST42CU1300BA
AMST48CU1300BA
AMST60DU1300BA



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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

Daikin Comfort Technologies Manufacturing , Inc. 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, Daikin Comfort Technologies Manufacturing , Inc. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Comfort Technologies Manufacturing , Inc. 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
Daikin Comfort Technologies Manufacturing , Inc.
19001 Kermier Road
Waller, Texas 77484
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International Division
Daikin Comfort Technologies Manufacturing , Inc.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

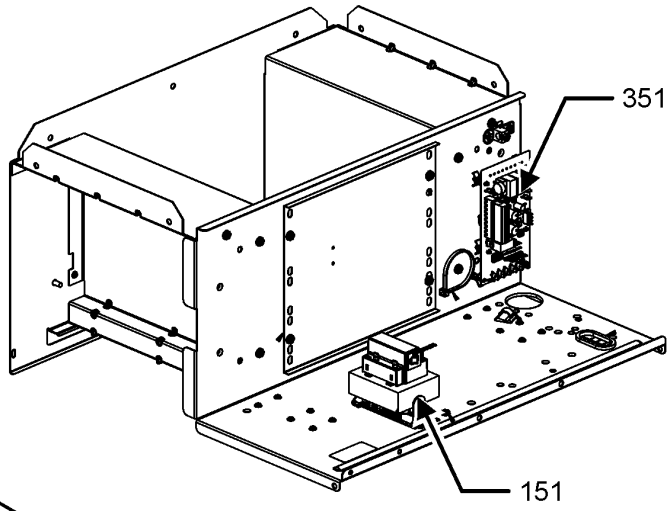
Part No:	Description:
0131M01107	MOTOR (M7)
0131M01105	MOTOR (M6)
0131M01104	MOTOR (M5)
0131M01103	MOTOR (M4)
0131M01143	MOTOR 3/4 HP PROGRAMMED (M1)
0131M01142	MOTOR 3/4 HP PROGRAMMED (M2, M3)
SER2A08012	SENSATA, R32 SENSOR (M4, M5, M6, M7)
SER2A05012	SENSATA, R32 SENSOR (M1, M2, M3)
0130M00871	TRANSFORMER 75VA
0151A20002	VALVE, TXV FX-2T-ADJ-17FPI (M1)
0151A20003	VALVE, TXV-FX-3T-ADJ-17FPI (M2, M3, M4)
0151A20007	VALVE, TXV-FX-4T-ADJ-14FPI (M6)
0151A20005	VALVE, TXV-FX-4T-ADJ-17FPI (M5)
0151A20008	VALVE, TXV-FX-5T-ADJ-14FPI (M7)

Expanded Model Nomenclature

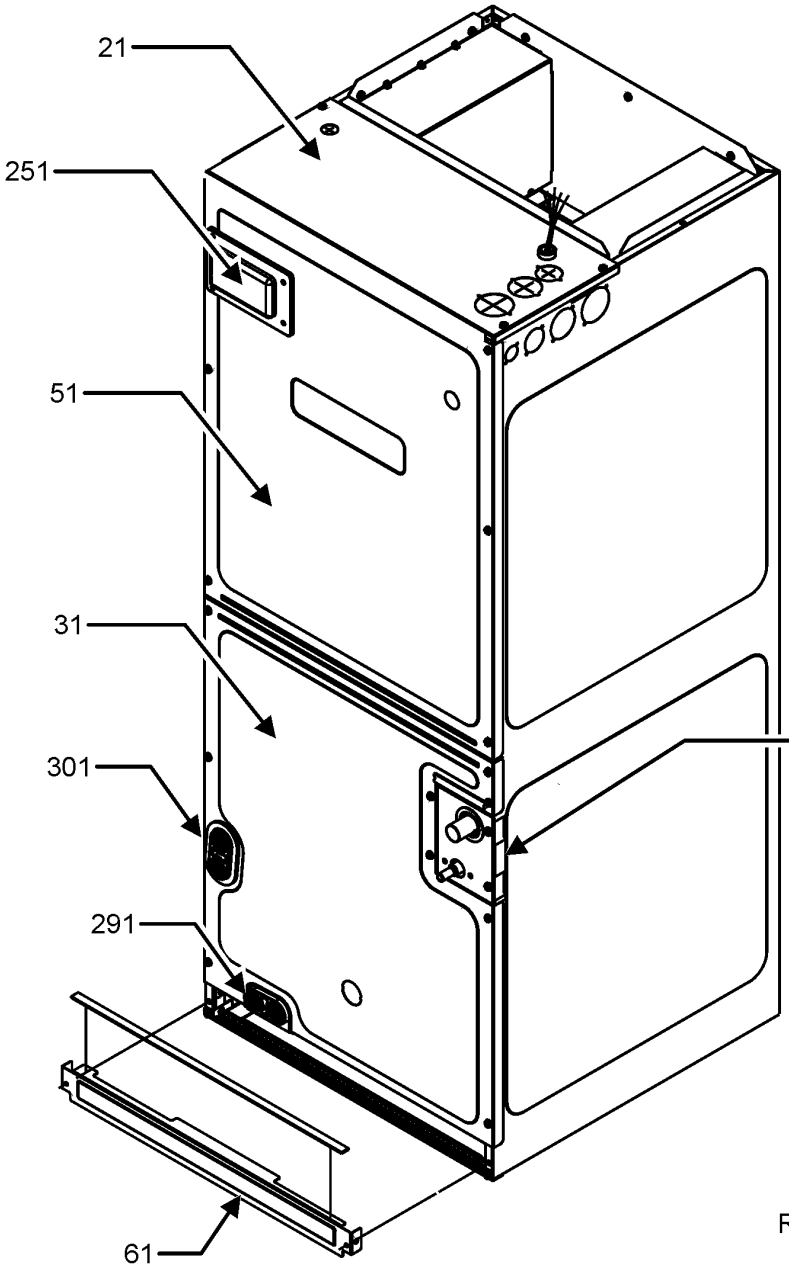
M1 - AMST24BU1300BA
M2 - AMST30BU1300BA
M3 - AMST36BU1300BA
M4 - AMST36CU1300BA
M5 - AMST42CU1300BA
M6 - AMST48CU1300BA
M7 - AMST60DU1300BA

Cabinet and Control Box Assembly

WRAPPER AND CONTROL PANEL ASSEMBLY



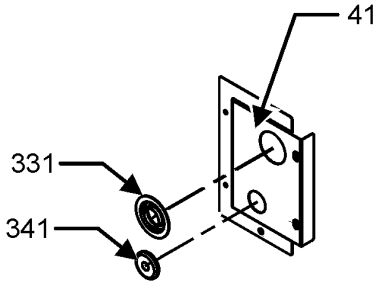
WRAPPER ASSEMBLY



CONTROL PANEL ASSEMBLY

CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

SEE REFRIGERATION TUBING PANEL DETAIL



REFRIGERATION TUBING PANEL DETAIL

Cabinet and Control Box Assembly

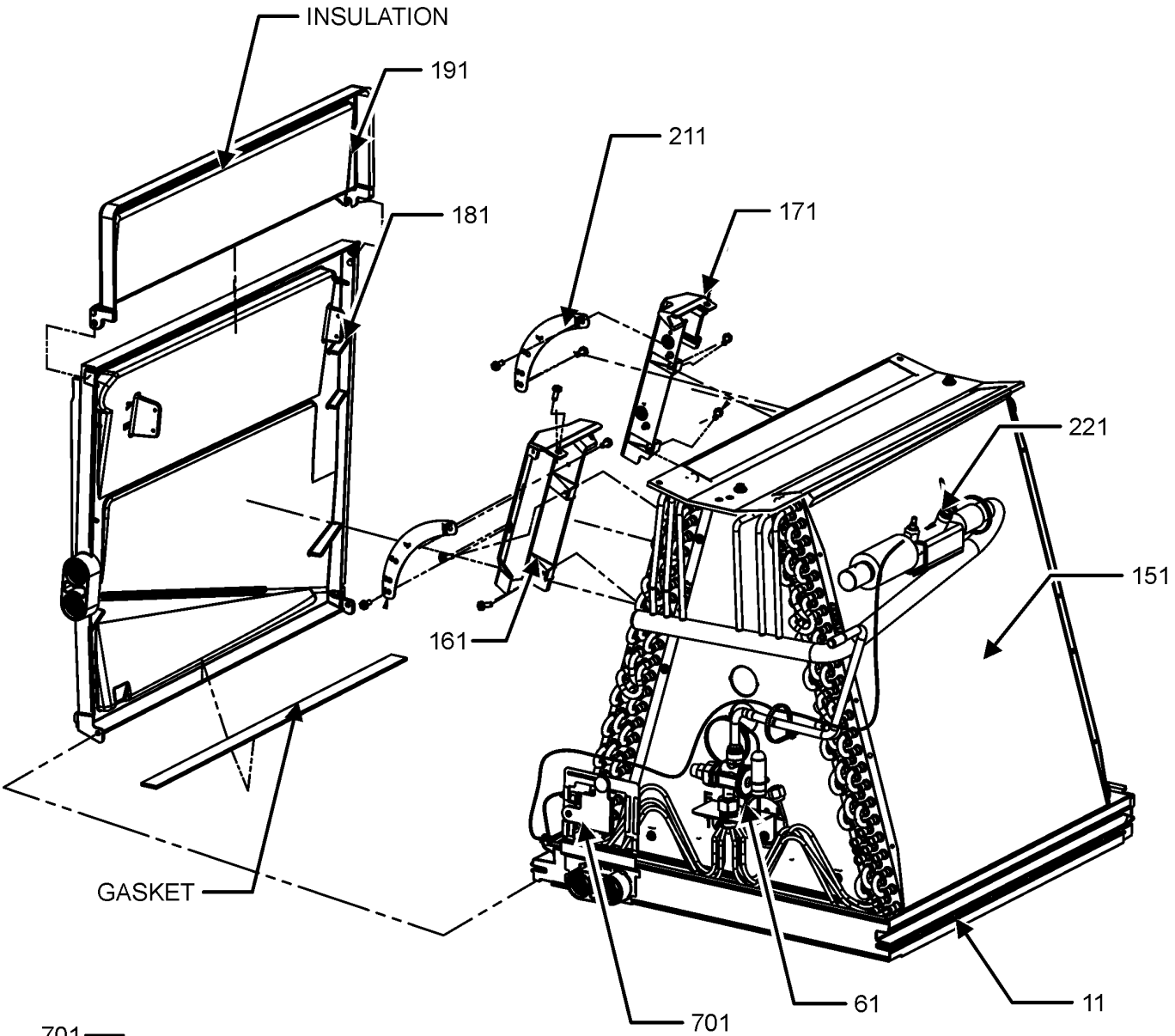
Ref. No:	Part No:	Description:
Image 1:		
21	0121A01483PDG	PLATE, UPPER TIE, PAINTED (M1, M2, M3)
21	0121A01484PDG	PLATE, UPPER TIE, PAINTED (M4, M5, M6)
21	0121A01485PDG	PLATE, UPPER TIE, PAINTED (M7)
31	0121A00618PDG	LOWER ACCESS PANEL (M7)
31	0121A01470PDG	LOWER ACCESS PANEL, PAINTED (M1)
31	0121A01473PDG	LOWER ACCESS PANEL, PAINTED (M2, M3)
31	0121A01474PDG	LOWER ACCESS PANEL, PAINTED (M4)
31	0121A01477PDG	LOWER ACCESS PANEL, PAINTED (M5)
31	0121A01478PDG	LOWER ACCESS PANEL, PAINTED (M6)
41	0121A00658PDG	REFRIGERATION TUBING PANEL
51	0121A01440PDG	PANEL, UPPER ACCESS (M7)
51	0121A01441PDG	PANEL, UPPER ACCESS (M5, M6)
51	0121A01442PDG	PANEL, UPPER ACCESS (M1, M2, M3)
51	0121A01575PDG	UPPER ACCESS PANEL, PAINTED (M4)
61	0121A00242PDG	Panel, Filter Access, Ptd (M1, M2, M3)
61	0121A00243PDG	Panel, Filter Access, Ptd (M4, M5, M6)
61	0121A00244PDG	Panel, Filter Access, Ptd (M7)
151	0130M00871	TRANSFORMER 75VA
251	0161A00073	CIRCUIT BREAKER COVER
291	0154A00006BL	Gasket, Drain Pan (M6, M7)
291	0154D00037	GASKET, DRAIN PAN (M1, M2, M3, M4, M5)
301	0154A00007BL	Gasket, Drain Pan
331	0164A00016	GROMMET
341	0164A00002	GROMMET
351	PCBCM201AA001	PCB, CONTROL, AIR HANDLER (M1, M2, M3, M4, M5, M6)
351	PCBCM203AA001	PCB, CONTROL, AIR HANDLER (M7)
NS	0259A20037	HARNESS, WIRE
NS	B1378533	LUG, GROUND SMALL, 4T
NS	0130A20011	PCB CONNECTOR
NS	0163A00026	THUMB SCREW (QTY 2)
NS	BT1392909	WASHER; SS RETAINING (QTY 2)
NS	0259A00012P	WIRE ASSY, 9 PIN FEMALE CONN.
NS	0259A20027P	WIRE ASSY, 9 PIN MALE CONN.

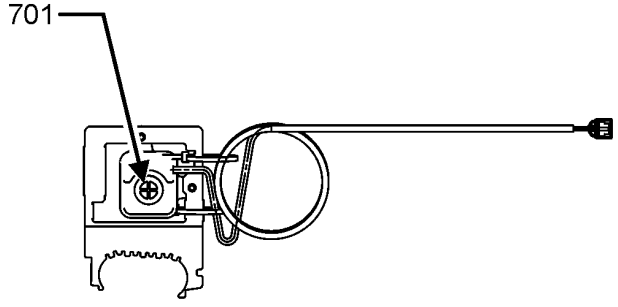
Expanded Model Nomenclature

M1 - AMST24BU1300BA
M2 - AMST30BU1300BA
M3 - AMST36BU1300BA
M4 - AMST36CU1300BA
M5 - AMST42CU1300BA
M6 - AMST48CU1300BA
M7 - AMST60DU1300BA

Coil Assembly

COIL ASSEMBLY





R32 SENSOR DETAIL

COIL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Coil Assembly

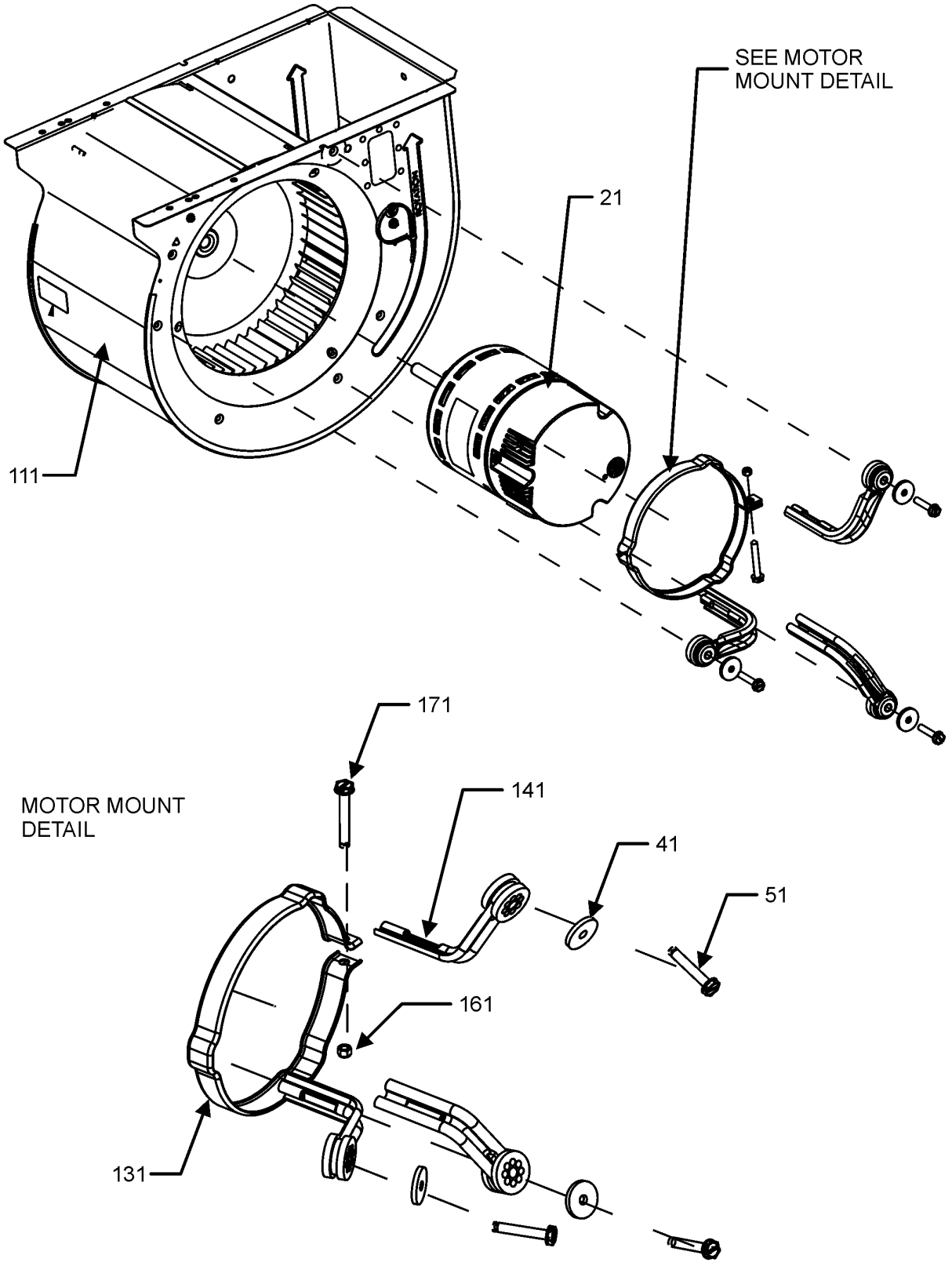
Ref. No:	Part No:	Description:
Image 1:		
11	0161A00122	DRAIN PAN MAIN, E COIL (M1, M2, M3)
11	0161A00123	DRAIN PAN MAIN, E COIL (M4, M5)
11	0161A00051	DRAINPAN, VERTICAL (M7)
11	0161A00052	DRAINPAN, VERTICAL (M6)
61	0151A20002	VALVE, TXV FX-2T-ADJ-17FPI (M1)
61	0151A20003	VALVE, TXV-FX-3T-ADJ-17FPI (M2, M3, M4)
61	0151A20007	VALVE, TXV-FX-4T-ADJ-14FPI (M6)
61	0151A20005	VALVE, TXV-FX-4T-ADJ-17FPI (M5)
61	0151A20008	VALVE, TXV-FX-5T-ADJ-14FPI (M7)
151	0270A02006	COIL TUBING ASSY (M1)
151	0270A02007	COIL TUBING ASSY (M2)
151	0270A02008	COIL TUBING ASSY (M3)
151	0270A02009	COIL TUBING ASSY (M4)
151	0270A02010	COIL TUBING ASSY (M5)
151	0270A02011	COIL TUBING ASSY (M6)
151	0270A02013	COIL TUBING ASSY (M7)
161	0161A00157	CONDENSATE COLLECTOR, FRONT (M1, M2, M3, M4, M5)
161	0161A00060	CONDENSATE, COLLECT, FRONT (M6, M7)
171	0161A00158	CONDENSATE COLLECTOR, BACK (M1, M2, M3, M4, M5)
171	0161A00061	CONDENSATE, COLLECT, BACK (M6, M7)
181	0161A00053	DRAIN PAN HORIZONTAL, TALL (M6, M7)
181	0161A00152	DRAIN PAN, SIDE (M1, M4)
181	0161A00153	DRAIN PAN, SIDE (M2, M3, M5)
191	0161A00155	DRAIN PAN EXT, E COIL (M3, M5)
191	0161A00156	DRAIN PAN EXT, E COIL (M4)
191	0161A00056	DRAIN PAN, EXTENSION, TALL (M6, M7)
211	0121A00633	Bracket, Drip Shield (M6)
211	0121D01235	BRACKET, DRIP SHIELD (M7)
211	0121D00882	BRKT, 2"-C (M3, M5)
211	0121D00897	BRKT, 3" (M2)
211	0121D01262	BRKT, 4"-C (M4)
211	0121D00929	BRKT, C (M1)
221	0163M00629	RED CAP WITH O-RING
701	SER2A05012	SENSATA, R32 SENSOR (M1, M2, M3)
701	SER2A08012	SENSATA, R32 SENSOR (M4, M5, M6, M7)
NS	BT1369063	90 DEGREE STUB
NS	0121A01738	SENSOR BRACKET
NS	0151M00104	VALVE CORE

Expanded Model Nomenclature

M1 - AMST24BU1300BA
M2 - AMST30BU1300BA
M3 - AMST36BU1300BA
M4 - AMST36CU1300BA
M5 - AMST42CU1300BA
M6 - AMST48CU1300BA
M7 - AMST60DU1300BA

Blower Assembly

BLOWER ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Blower Assembly

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:

Image 1:

21	0131M01103	MOTOR (M4)
21	0131M01104	MOTOR (M5)
21	0131M01105	MOTOR (M6)
21	0131M01107	MOTOR (M7)
21	0131M01142	MOTOR 3/4 HP PROGRAMMED (M2, M3)
21	0131M01143	MOTOR 3/4 HP PROGRAMMED (M1)
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 3)
51	M0250565	SCREW-TC 1.25" (QTY 3)
111	0271A00029	ASSY, BLOWER SHELL 10 X 8 (M5)
111	0271A00206	BLOWER SHELL ASSY (M7)
111	0271A00497	BLOWER SHELL ASSY (M1, M2, M3)
111	0271A00499	BLOWER SHELL ASSY (M6)
111	0271A00832	BLOWER SHELL ASSY (M4)
131	0121M00039	MOTOR MOUNT BAND (HEAVY DUTY)
141	0163M00537	MOTOR MOUNT ARM (M1, M2, M3, M4, M6)
141	0163M00538	MOUNT ARM, MOTOR (M5, M7)
161	B1393800	LOCKNUT, NYLON, INSERT 1/4,20
171	0163M00320	HEX HEAD ALL THREAD TAP BOLT
NS	B1368058	Blower Wheel (10 X 8) (M5)
NS	764740	BLWR BLK-OFF,10X8 (M5)
NS	0163M00003P	SCREW #10 X 1/2 A SLOT SR BLK
NS	0259A20034	WIRE HARNESS
NS	0259A20028	WIRE HARNESS ASSY

Expanded Model Nomenclature

M1 - AMST24BU1300BA
M2 - AMST30BU1300BA
M3 - AMST36BU1300BA
M4 - AMST36CU1300BA
M5 - AMST42CU1300BA
M6 - AMST48CU1300BA
M7 - AMST60DU1300BA