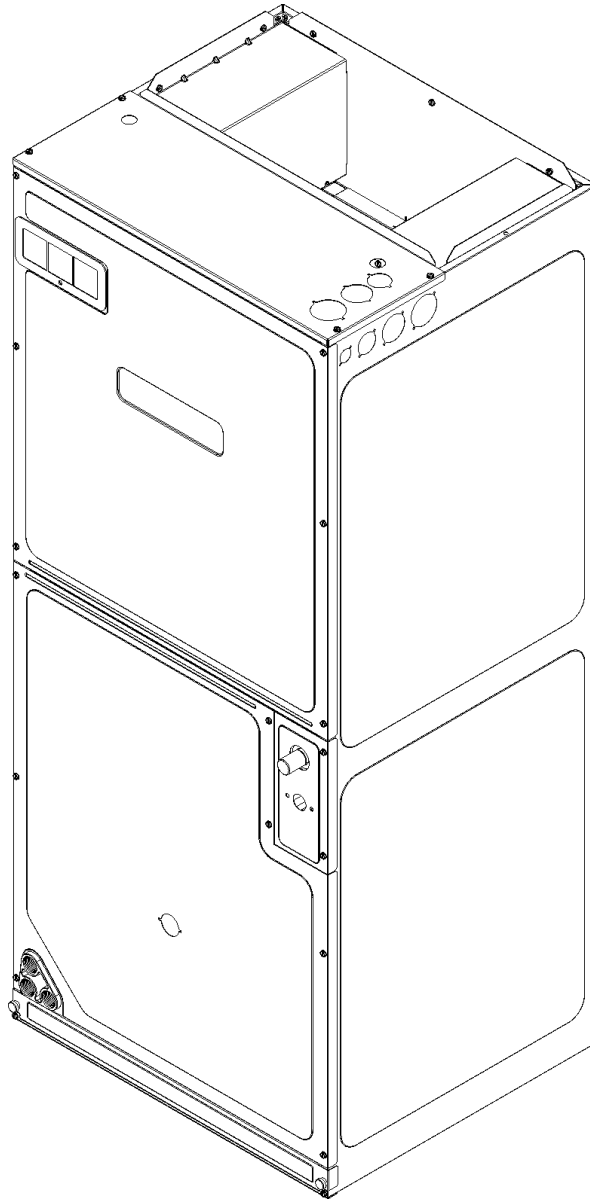


REPAIR PARTS

AVPTC Air Handler

AVPTC24B14AA
AVPTC24B14AB
AVPTC30C14AA
AVPTC36C14AA
AVPTC36C14AB
AVPTC42D14AA
AVPTC42D14AB
AVPTC42D14AC
AVPTC48C14AA
AVPTC48C14AB
AVPTC48D14AA
AVPTC48D14AB
AVPTC48D14AC
AVPTC60D14AA
AVPTC60D14AB
AVPTC60D14AC
AVPTC60D14AD



This manual is to be used by qualified technicians only.

This manual replaces RP-755D.

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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

Rev E: updates shared data programs.

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:

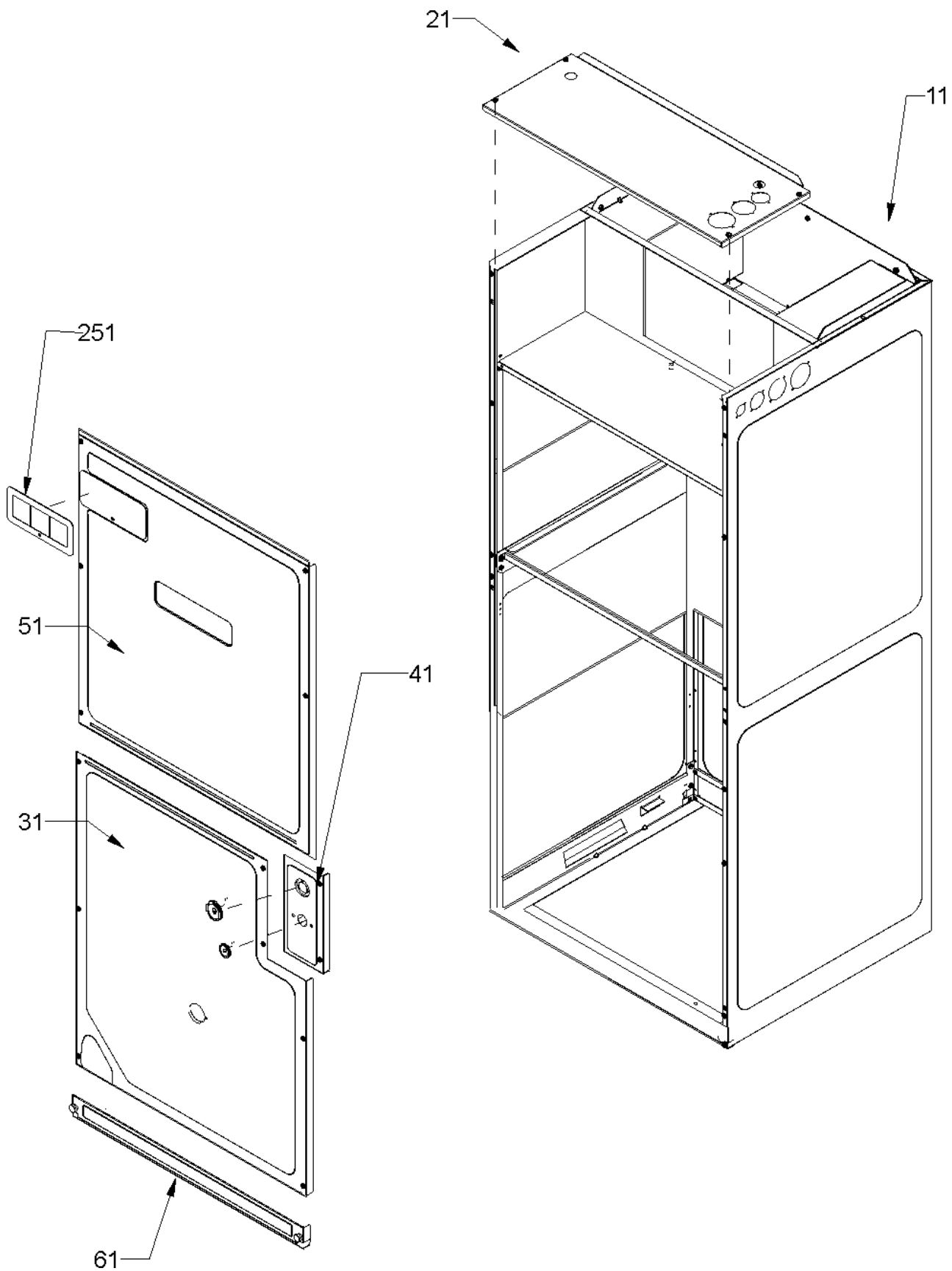
Description:

Expanded Model Nomenclature

D6723306	BLOWER WHEEL (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
D6723311	BLOWER WHEEL (M14, M15, M16, M17)
BT1368008	BLOWER WHEEL 10 X 6 (M1)
B1368058	BLOWER WHEEL 10 X 8 (M3)
B1368042	BLOWER WHEEL 9 X 6 (M2)
0131M00272	MOTOR, 1 HP, SERIAL ECM (M14, M15, M16, M17)
0131M00270	MOTOR, 1/2 HP, SERIAL ECM (M1, M2, M3)
0131M00271	MOTOR, 3/4 HP, SERIAL ECM (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
PCBJA103	PCB, CONTROL, AIR HANDLER
0130A00077	SHARED DATA, AIRHANDLER PCB (M5)
0130A00061	SHARED DATA, AIRHANDLER PCB (M2)
0130A00037	SHARED DATA, AIRHANDLER PCB (M15)
0130A00078	SHARED DATA, AIRHANDLER PCB (M8)
0130A00032	SHARED DATA, AIRHANDLER PCB (M6)
0130A00036	SHARED DATA, AIRHANDLER PCB (M12)
0130A00035	SHARED DATA, AIRHANDLER PCB (M7)
0130A00029	SHARED DATA, AIRHANDLER PCB (M1)
0130A00033	SHARED DATA, AIRHANDLER PCB (M11)
0130A00079	SHARED DATA, AIRHANDLER PCB (M10)
0130A00031	SHARED DATA, AIRHANDLER PCB (M4)
0130A00030	SHARED DATA, AIRHANDLER PCB (M3)
0130A00052	SHARED DATA, AIRHANDLER PCB (M9)
0130A00082	SHARED DATA, AIRHANDLER PCB (M16)
0130A00081	SHARED DATA, AIRHANDLER PCB (M17)
0130A00080	SHARED DATA, AIRHANDLER PCB (M13)
0130A00034	SHARED DATA, AIRHANDLER PCB (M14)
0130M00138	TRANSFORMER, 208/230, 24V
B1787000	VALVE CORE
0151R00053	VALVE, TXV R410A (M11, M12, M13, M14, M15, M16, M17)
0151R00051	VALVE, TXV R410A (M4, M5, M6, M7, M8, M9, M10)
0151R00049	VALVE, TXV R410A (M1, M2, M3)

M1 - AVPTC24B14AA
M2 - AVPTC24B14AB
M3 - AVPTC30C14AA
M4 - AVPTC36C14AA
M5 - AVPTC36C14AB
M6 - AVPTC42D14AA
M7 - AVPTC42D14AB
M8 - AVPTC42D14AC
M9 - AVPTC48C14AA
M10 - AVPTC48C14AB
M11 - AVPTC48D14AA
M12 - AVPTC48D14AB
M13 - AVPTC48D14AC
M14 - AVPTC60D14AA
M15 - AVPTC60D14AB
M16 - AVPTC60D14AC
M17 - AVPTC60D14AD

Cabinet Assy



Cabinet Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121A00276PDG	WRAPPER, LARGE, PAINTED (M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
11	0121A00280PDG	WRAPPER, MED, PAINTED (M3, M4, M5, M9, M10)
11	0121A00281PDG	WRAPPER, SM, PAINTED (M1, M2)
21	0121A00373PDG	Plate, Upper tie, Painted (M1, M2)
21	0121A00374PDG	Plate, Upper tie, Painted (M3, M4, M5, M9, M10)
21	0121A00375PDG	Plate, Upper tie, Painted (M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
31	0121A00248PDG	Panel, Lower Access, Ptd (M1, M2)
31	0121A00249PDG	Panel, Lower Access, Ptd (M3, M4, M5, M9, M10)
31	0121A00250PDG	Panel, Lower Access, Ptd (M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
41	0121A00366PDG	Panel, Refrigerant Tubing
51	0121A00387PDG	Panel, Upper Access, Ptd (M1, M2)
51	0121A00388PDG	Panel, Upper Access, Ptd (M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
51	0121A00389PDG	Panel, Upper Access, Ptd (M3, M4, M5, M9, M10)
61	0121A00242PDG	Panel, Filter Access, Ptd (M1, M2)
61	0121A00243PDG	Panel, Filter Access, Ptd (M3, M4, M5, M9, M10)
61	0121A00244PDG	Panel, Filter Access, Ptd (M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
251	0161A00034	PLASTIC BREAKER INSERT
NS	BT1369063	90 DEGREE STUB (M1, M2, M3, M4, M5, M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
NS	0164A00002	GROMMET
NS	B1392630	GROMMET
NS	0163M00036	SCREW,#10X1/2,B,BZ,SLOT,SR,BLK
NS	0163A00023	THUMB SCREW (QTY 2)

Expanded Model Nomenclature

M1 - AVPTC24B14AA
M2 - AVPTC24B14AB
M3 - AVPTC30C14AA
M4 - AVPTC36C14AA
M5 - AVPTC36C14AB
M6 - AVPTC42D14AA
M7 - AVPTC42D14AB
M8 - AVPTC42D14AC
M9 - AVPTC48C14AA
M10 - AVPTC48C14AB
M11 - AVPTC48D14AA
M12 - AVPTC48D14AB
M13 - AVPTC48D14AC
M14 - AVPTC60D14AA
M15 - AVPTC60D14AB
M16 - AVPTC60D14AC
M17 - AVPTC60D14AD

Control Panel / Coil Tubing

IMAGE 1

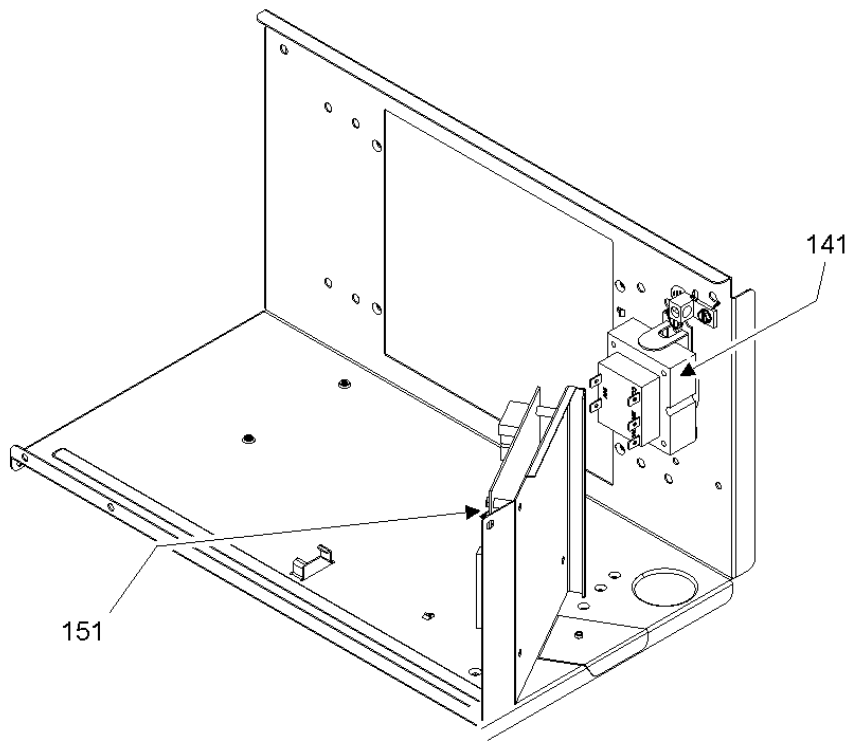
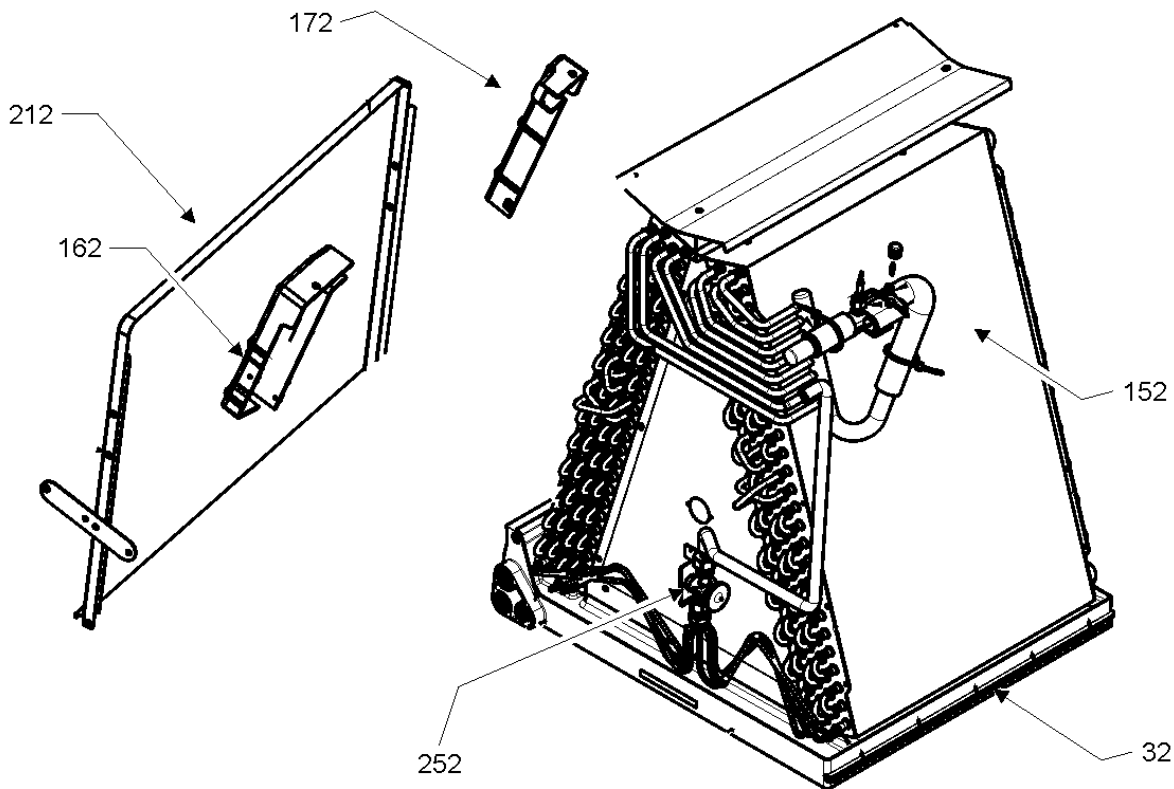


IMAGE 2



Control Panel / Coil Tubing

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

141	0130M00138	TRANSFORMER, 208/230, 24V
151	PCBJA103	PCB, CONTROL, AIR HANDLER
NS	0259A00012P	WIRE ASSY, 9 PIN FEMALE CONN.
NS	0259A00016	WIRE HARNESS

Image 2:

32	0161A00026	DRAIN PAN (M1, M2)
32	0161A00027	DRAIN PAN (M3, M4, M5, M9, M10)
32	0161A00028	DRAIN PAN (M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
152	0270A00720	COIL TUBING ASSY (M1, M2)
152	0270A00721	COIL TUBING ASSY (M3)
152	0270A00722	COIL TUBING ASSY (M4, M5)
152	0270A00723	COIL TUBING ASSY (M6, M7, M8)
152	0270A00724	COIL TUBING ASSY (M11, M12, M13, M14, M15, M16, M17)
152	0270A00772	COIL TUBING ASSY (M9, M10)
162	0161A00047	Plastic Condensate Collector
172	0161A00048	Plastic Condensate Collector
212	0121A00304PDG	Drip Shield, Ptd (M1, M2)
212	0121A00305PDG	Drip Shield, Ptd (M3, M4, M5, M9, M10)
212	0121A00306PDG	Drip Shield, Ptd (M6, M7, M8, M11, M12, M13, M14, M15, M16, M17)
252	0151R00049	VALVE, TXV R410A (M1, M2, M3)
252	0151R00051	VALVE, TXV R410A (M4, M5, M6, M7, M8, M9, M10)
252	0151R00053	VALVE, TXV R410A (M11, M12, M13, M14, M15, M16, M17)
NS	0163M00175	CAP WITH O-RING
NS	0154A00003BL	Gasket, Drain Pan
NS	B1787000	VALVE CORE

Expanded Model Nomenclature

M1 - AVPTC24B14AA
M2 - AVPTC24B14AB
M3 - AVPTC30C14AA
M4 - AVPTC36C14AA
M5 - AVPTC36C14AB
M6 - AVPTC42D14AA
M7 - AVPTC42D14AB
M8 - AVPTC42D14AC
M9 - AVPTC48C14AA
M10 - AVPTC48C14AB
M11 - AVPTC48D14AA
M12 - AVPTC48D14AB
M13 - AVPTC48D14AC
M14 - AVPTC60D14AA
M15 - AVPTC60D14AB
M16 - AVPTC60D14AC
M17 - AVPTC60D14AD

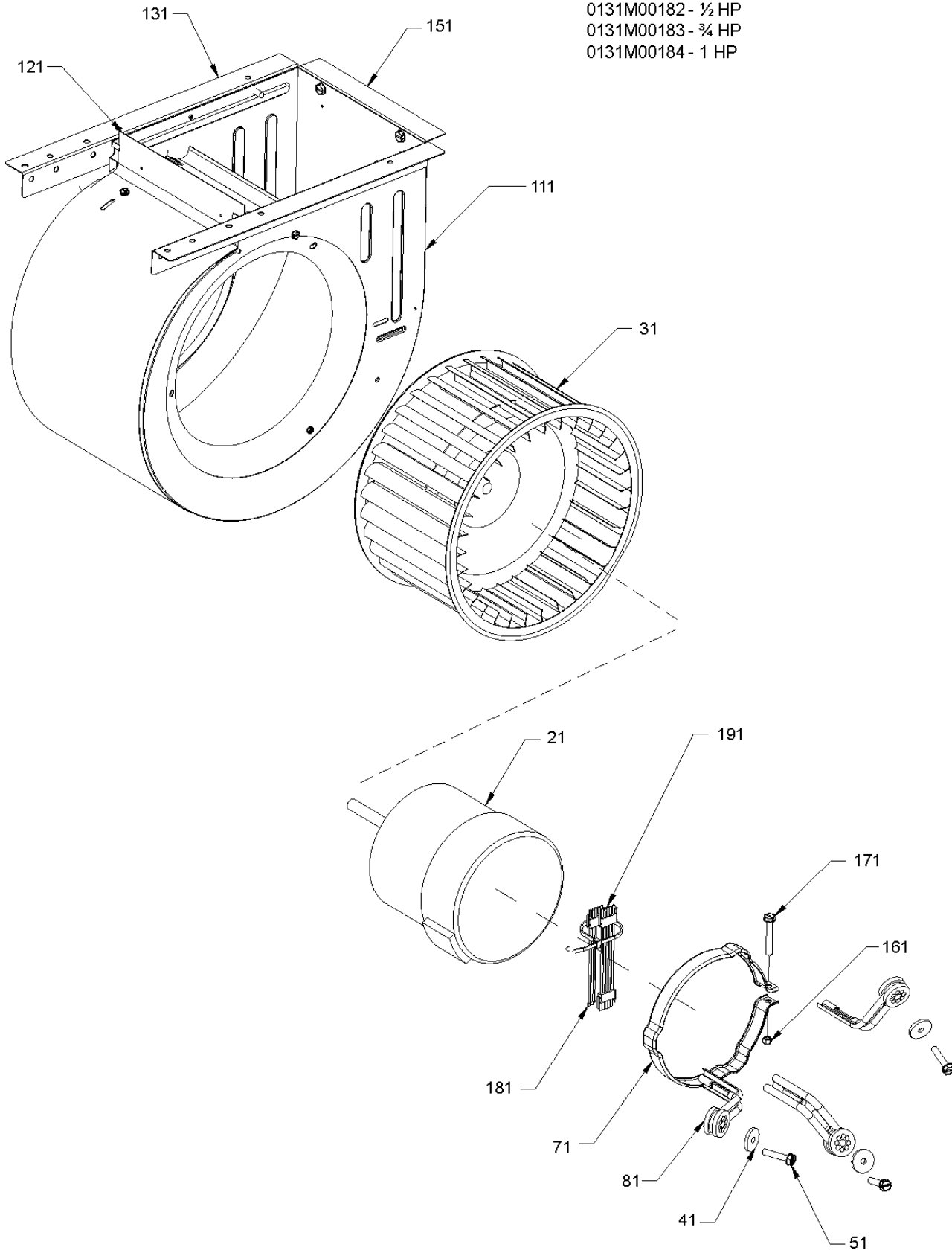
Blower Components

*If end bells are needed please order the following:

0131M00182 - ½ HP

0131M00183 - ¾ HP

0131M00184 - 1 HP



Blower Components

**Ref. Part
No: No:**

Description:

Image 1:

21	0131M00272	MOTOR, 1 HP, SERIAL ECM (M14, M15, M16, M17)
21	0131M00270	MOTOR, 1/2 HP, SERIAL ECM (M1, M2, M3)
21	0131M00271	MOTOR, 3/4 HP, SERIAL ECM (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
31	D6723306	BLOWER WHEEL (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
31	D6723311	BLOWER WHEEL (M14, M15, M16, M17)
31	BT1368008	BLOWER WHEEL 10 X 6 (M1)
31	B1368058	BLOWER WHEEL 10 X 8 (M3)
31	B1368042	BLOWER WHEEL 9 X 6 (M2)
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 3)
51	M0250565	TC SCREW 1.25" (QTY 3)
71	0121M00038	MOTOR MOUNT BAND (M1, M2, M3)
71	0121M00039	MOTOR MOUNT BAND (HEAVY DUTY) (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
81	B1376853	MOTOR MOUNT ARM (M1, M3)
81	B1376861	MOTOR MOUNT ARM (M2)
81	B1376863	MOTOR MOUNT ARM (HEAVY DUTY) (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16, M17)
111	0271A00150	BLOWER HOUSING (M1)
111	0271A00029	BLOWER HOUSING ASSY 10 X 8 (M3)
111	0271A00016	BLOWER SHELL (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
111	0271A00013	BLOWER SHELL (11 X 10) (M14, M15, M16, M17)
111	1439389	BLOWER SHELL ASM F/ 9X6 WHL (M2)
121	1864700F	BELT DRIVE BLOWER CUT-OFF (M14, M15, M16, M17)
121	764741F	BLOWER BLOCK-OFF 10 X 10 (M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
121	764740	BLOWER BLOCK-OFF, 10X8 (M3)
121	3739000	BLOWER CUT-OFF 6" (M1)
121	764733F	BLOWER CUT-OFF 9 X 6 (M2)
131	0121A00275	Rail, Blower (M14, M15, M16, M17)
131	0121A00336	Rail, Blower (M1, M2)
151	0121A00337	Angle, Blower Mounting (M1, M2)
151	0121A00353	Angle, Blower Mounting (M14, M15, M16, M17)
161	B1393800	LOCKNUT, NYLON, INSERT 1/4, 20
171	B1393323	MACHINE SCREW HWH 1/4-20 X 1-1/2 BZ
181	0259A00020	HIGH VOLTAGE WIRE HARNESS
191	0259A00019	WIRE HARNESS
NS	0130A00029	SHARED DATA, AIRHANDLER PCB (M1)
NS	0130A00030	SHARED DATA, AIRHANDLER PCB (M3)
NS	0130A00031	SHARED DATA, AIRHANDLER PCB (M4)
NS	0130A00032	SHARED DATA, AIRHANDLER PCB (M6)
NS	0130A00033	SHARED DATA, AIRHANDLER PCB (M11)
NS	0130A00034	SHARED DATA, AIRHANDLER PCB (M14)
NS	0130A00035	SHARED DATA, AIRHANDLER PCB (M7)
NS	0130A00036	SHARED DATA, AIRHANDLER PCB (M12)
NS	0130A00037	SHARED DATA, AIRHANDLER PCB (M15)
NS	0130A00052	SHARED DATA, AIRHANDLER PCB (M9)
NS	0130A00061	SHARED DATA, AIRHANDLER PCB (M2)
NS	0130A00077	SHARED DATA, AIRHANDLER PCB (M5)

**Ref. Part
No: No:**

Description:

Image 1:

NS	0130A00078	SHARED DATA, AIRHANDLER PCB (M8)
NS	0130A00079	SHARED DATA, AIRHANDLER PCB (M10)
NS	0130A00080	SHARED DATA, AIRHANDLER PCB (M13)
NS	0130A00081	SHARED DATA, AIRHANDLER PCB (M17)
NS	0130A00082	SHARED DATA, AIRHANDLER PCB (M16)

Expanded Model Nomenclature

M1 - AVPTC24B14AA
M2 - AVPTC24B14AB
M3 - AVPTC30C14AA
M4 - AVPTC36C14AA
M5 - AVPTC36C14AB
M6 - AVPTC42D14AA
M7 - AVPTC42D14AB
M8 - AVPTC42D14AC
M9 - AVPTC48C14AA
M10 - AVPTC48C14AB
M11 - AVPTC48D14AA
M12 - AVPTC48D14AB
M13 - AVPTC48D14AC
M14 - AVPTC60D14AA
M15 - AVPTC60D14AB
M16 - AVPTC60D14AC
M17 - AVPTC60D14AD

*If end bells are needed please order the following:

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