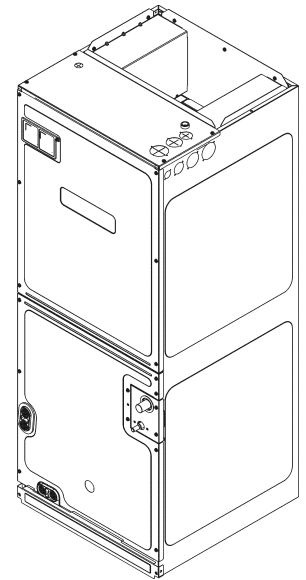


AMVT Air Handler

AMVT24BP1300AA
AMVT30BP1300AA
AMVT36BP1300AA
AMVT36CP1300AA
AMVT42CP1300AA
AMVT48CP1300AA
AMVT60DP1300AA



Amana® is a registered trademark of Maytag Corporation or its related companies and is used under license. All rights reserved.

This manual is to be used by qualified technicians only.

This manual replaces RP-A4373

© 2024 - 2025 Goodman Company, L.P. ♦ 19001 Kermier Rd. ♦ Waller, TX 77484

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

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.

Goodman 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 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 Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

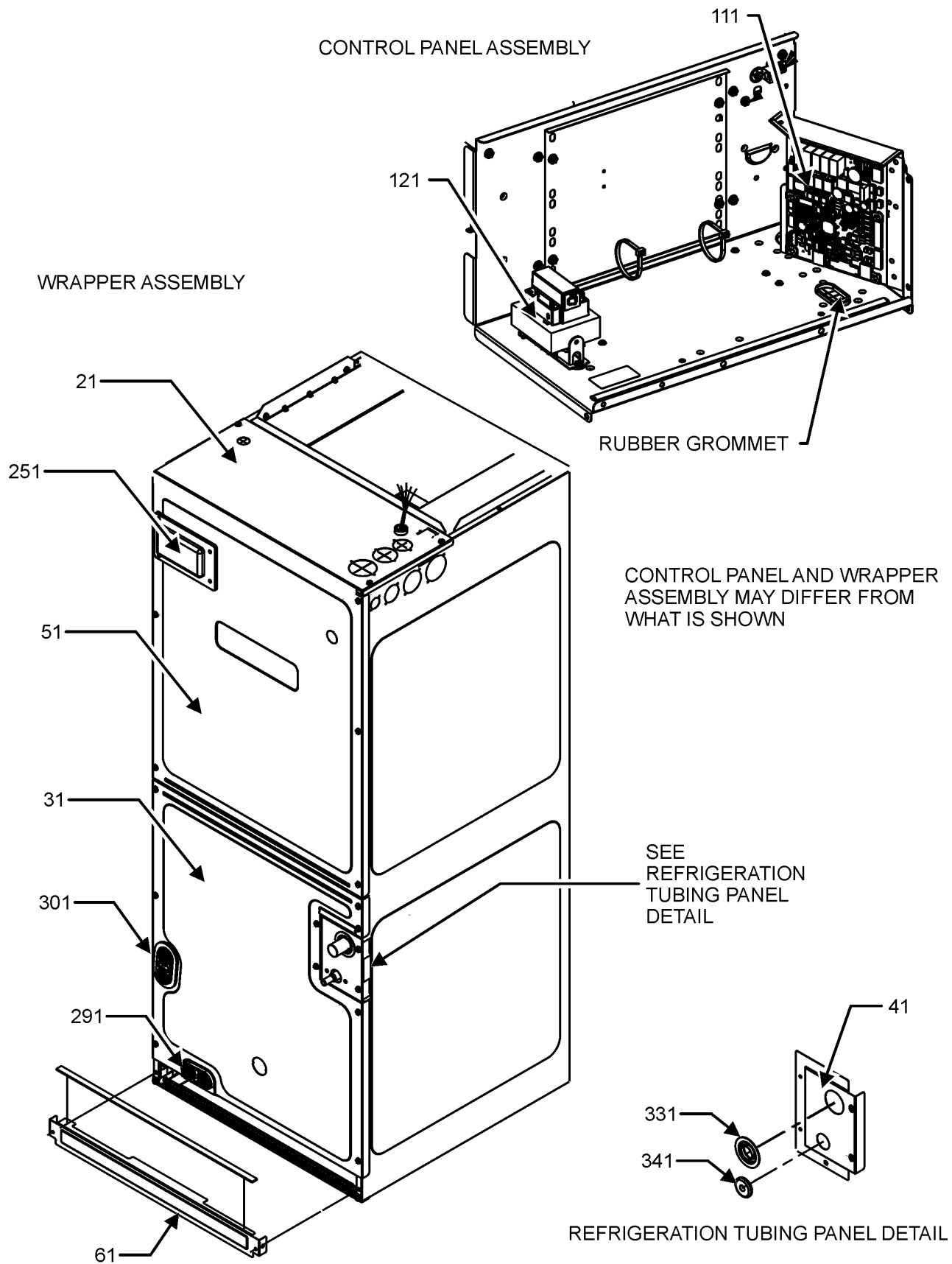
No: Description:

SHARED DATA	Available thru CoolCloud HVAC app
0131M01070	MOTOR, 1 HP (M7)
0131M01069	MOTOR, 1/2 HP (M1, M2)
0131M01068	MOTOR, 3/4 HP (M3, M4, M5, M6)
PCBJA306V0001	PCB CONTROL, AIR HANDLER
SER2A08012	SENSATA, R32 SENSOR (M4, M5, M6, M7)
SER2A05012	SENSATA, R32 SENSOR (M1, M2, M3)
0130M00871	TRANSFORMER 75VA
0151R00272	TXV-FX-2T-ADJ VALVE (M1)
0151R00273	TXV-FX-3T-ADJ VALVE (M2, M3, M4)
0151R00274	TXV-FX-4T-ADJ VALVE (M5, M6)
0151R00275	TXV-FX-5T-ADJ VALVE (M7)

Expanded Model Nomenclature

M1 - AMVT24BP1300AA
M2 - AMVT30BP1300AA
M3 - AMVT36BP1300AA
M4 - AMVT36CP1300AA
M5 - AMVT42CP1300AA
M6 - AMVT48CP1300AA
M7 - AMVT60DP1300AA

Cabinet and Control Box Assembly



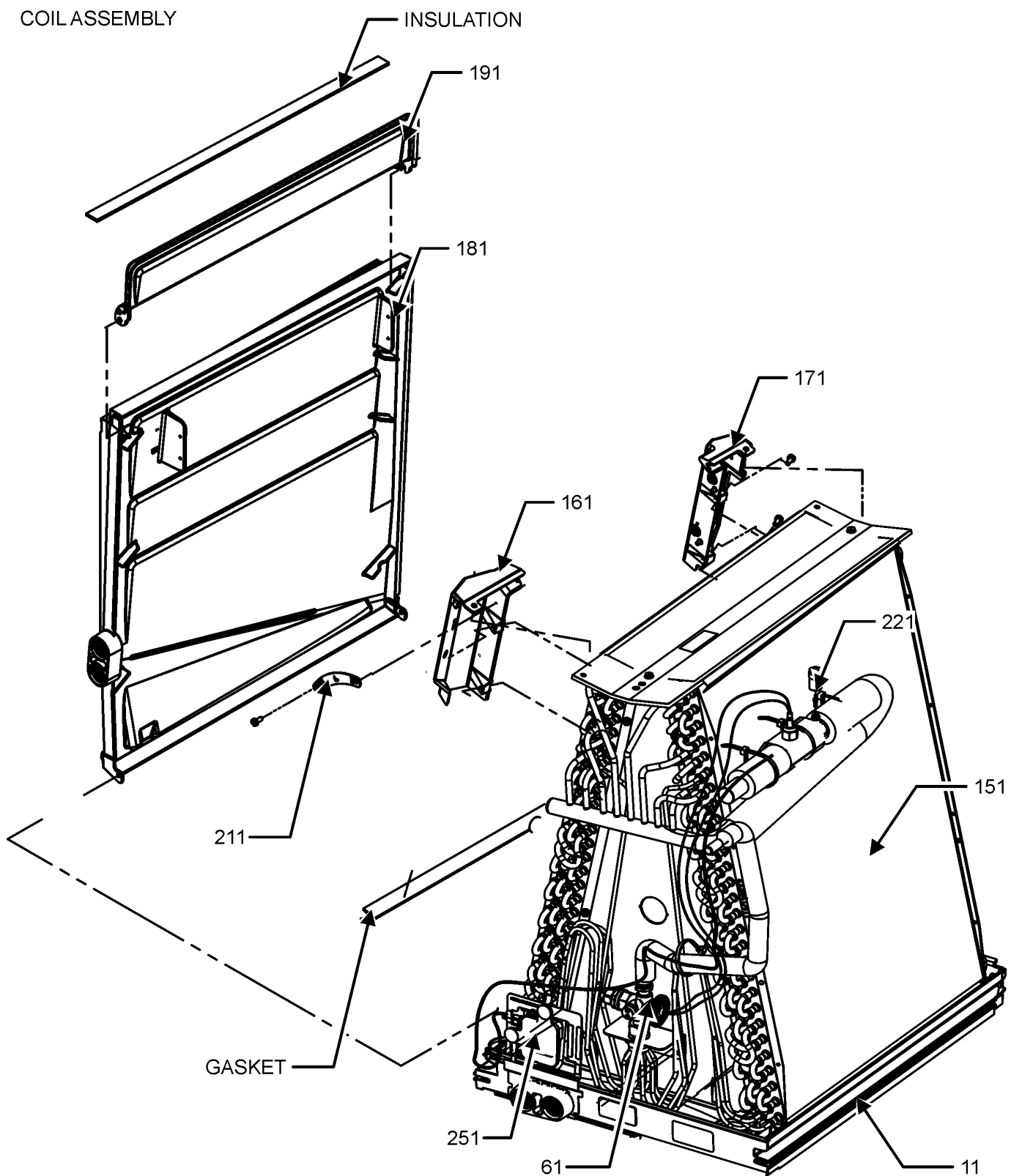
Cabinet and Control Box Assembly

Ref. Part No: No:	Description:	Ref. Part No: 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)
111	PCBJA306V0001		PCB CONTROL, AIR HANDLER
121	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
NS	B1392136		2.00" VIEW PORT BUSHING
NS	0164A00026		ROMMET RUBBER
NS	0163A00026		THUMB SCREW (QTY 2)
NS	BT1392909		WASHER; SS RETAINING (QTY 2)
NS	0259A00021		WIRE ASSY, 9 PIN FEMALE CONN
NS	0259A00046		WIRE HARNESS
NS	0259A00064		WIRE HARNESS

Expanded Model Nomenclature

M1 - AMVT24BP1300AA M2 - AMVT30BP1300AA M3 - AMVT36BP1300AA M4 - AMVT36CP1300AA M5 - AMVT42CP1300AA M6 - AMVT48CP1300AA M7 - AMVT60DP1300AA

Coil Assembly



COIL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Coil Assembly

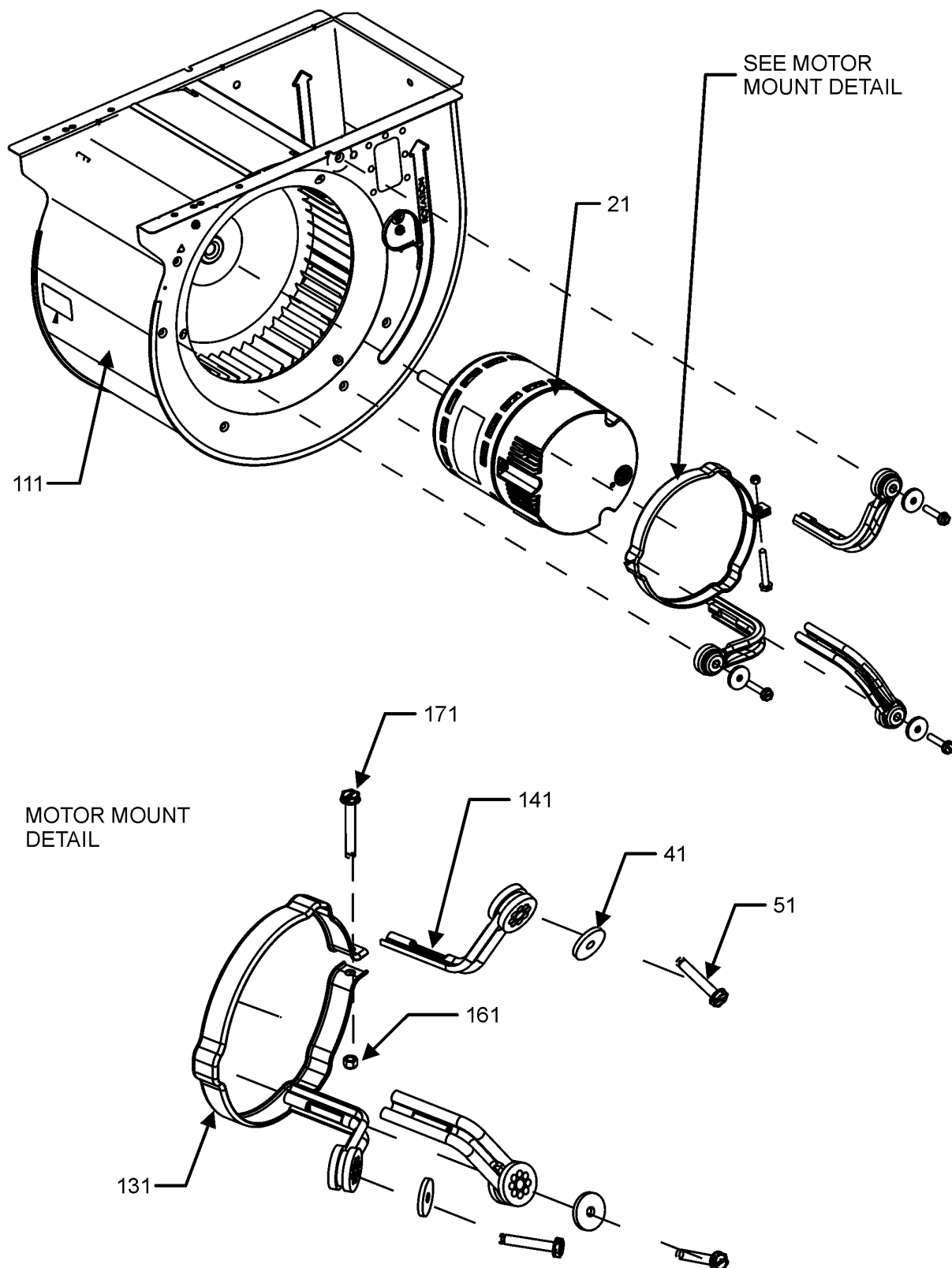
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0161A00122		DRAIN PAN MAIN, E COIL (M1, M2, M3)
11	0161A00123		DRAIN PAN MAIN, E COIL (M4, M5)
11	0161A00051		DRAINPAN, VERTICAL (M7)
11	0161A00052		DRAINPAN, VERTICAL (M6)
61	0151R00272		TXV-FX-2T-ADJ VALVE (M1)
61	0151R00273		TXV-FX-3T-ADJ VALVE (M2, M3, M4)
61	0151R00274		TXV-FX-4T-ADJ VALVE (M5, M6)
61	0151R00275		TXV-FX-5T-ADJ VALVE (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
251	SER2A05012		SENSATA, R32 SENSOR (M1, M2, M3)
251	SER2A08012		SENSATA, R32 SENSOR (M4, M5, M6, M7)
NS	BT1369063		90 DEGREE STUB
NS	0161A00134		PUSH PLUG (QTY 2)
NS	0121A01738		SENSOR BRACKET
NS	0151M00104		VALVE CORE

Expanded Model Nomenclature

M1 - AMVT24BP1300AA M2 - AMVT30BP1300AA M3 - AMVT36BP1300AA M4 - AMVT36CP1300AA M5 - AMVT42CP1300AA M6 - AMVT48CP1300AA M7 - AMVT60DP1300AA

Blower Assembly

BLOWER ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Blower Assembly

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

Image 1:

21	SHARED DATA	Available thru CoolCloud HVAC app
21	0131M01070	MOTOR, 1 HP (M7)
21	0131M01069	MOTOR, 1/2 HP (M1, M2)
21	0131M01068	MOTOR, 3/4 HP (M3, M4, M5, M6)
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 3)
51	M0250565	SCREW-TC 1.25" (QTY 3)
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)
111	0271A00029	BLOWER SHELL ASSY 10x8 (M5)
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	0259M00008	WIRE HARNESS

Expanded Model Nomenclature

M1 - AMVT24BP1300AA
M2 - AMVT30BP1300AA
M3 - AMVT36BP1300AA
M4 - AMVT36CP1300AA
M5 - AMVT42CP1300AA
M6 - AMVT48CP1300AA
M7 - AMVT60DP1300AA