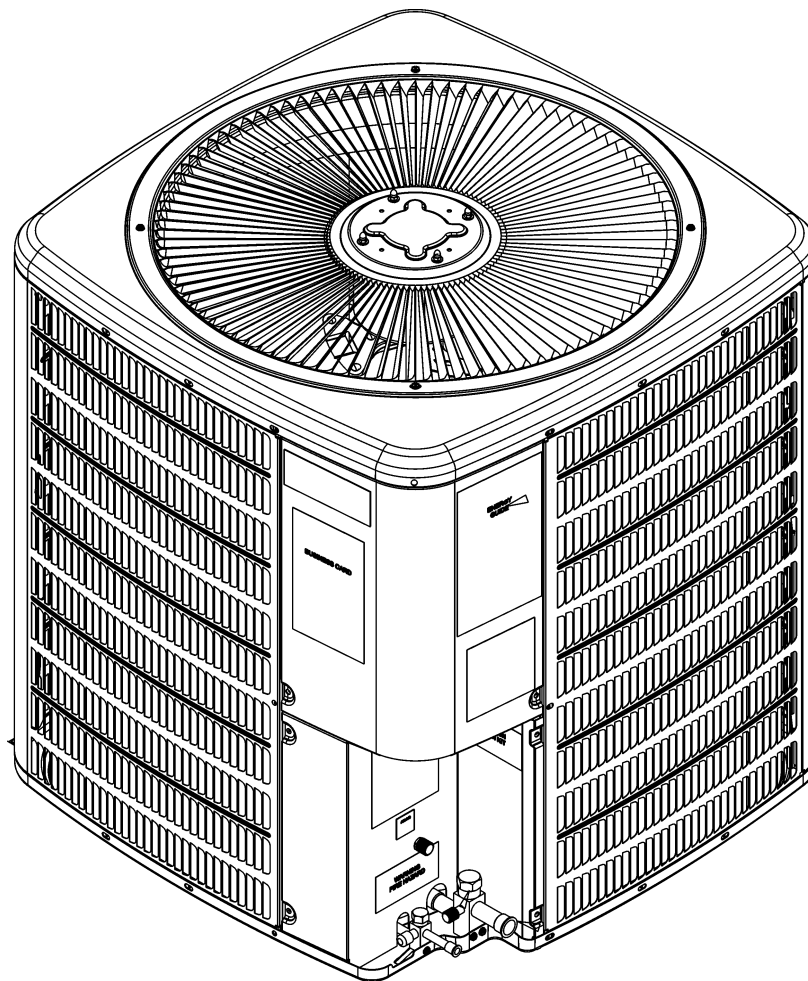


ANZ14 Remote Heat Pump

ANZ140181AA
ANZ140181AB
ANZ140181AC
ANZ140181AD
ANZ140241AA
ANZ140241AD
ANZ140301AA
ANZ140301AB
ANZ140301AC
ANZ140301AD
ANZ140361AA
ANZ140361AB
ANZ140361AC
ANZ140421AA
ANZ140421AB
ANZ140421AC
ANZ140481AA
ANZ140481AB
ANZ140491AA
ANZ140491AB
ANZ140491AC
ANZ140601AA
ANZ140601AB



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This manual is to be used by qualified technicians only.

This manual replaces RP-A4002F.

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.

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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:

0151R00079	BASE VALVE 3/4" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
0151R00078	BASE VALVE 3/8"
0151R00080	BASE VALVE 7/8" (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
CAP050300440CS	CAP.5/30MFD/440V/DUAL RD (M1, M2, M3, M4)
CAP050350440CS	CAPACITOR 5/35/440V (M5, M6, M7, M8, M9, M10)
CAP050450440CT	CAPACITOR 5/45/440V/DUAL RD (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
CAP050700440CT	CAPACITOR 5/70/440V/DUAL RD (M22, M23)
ZP14K6EPFV130	COMP, 14,000,208/230/60/1 (M1, M2, M3, M4)
ZP20K6EPFV130	COMP, 20,000,208/230/60/1 (M5, M6)
ZP34K6EPFV130	COMP, 46500, 208/230/60/1 (M14, M15, M16)
ZP40K6EPFV130	COMP, 53700, 208/230/60/1 (M17, M18)
ZP25K6EPFV130	COMP,34200,208/230/60/1 (M7, M8, M9, M10)
ZP31K6EPFV130	COMP,42500,208/230/60/1 (M11, M12, M13)
ZP39K5EPFV130	COMPRESSOR 39000, 208/230/60/1 (M19, M20, M21)
ZP51K5EPFV130	COMPRESSOR 51000, 208/230/60/1 (M22, M23)
0131M00061	COND MOTOR 1/4 HP, 1 SP, 8 PL (M14, M17, M18, M19, M22, M23)
0131M00060	COND MOTOR 1/6 HP, 1 SP, 8 PL (M1, M2, M5, M7, M8, M11)
0131M00753	COND MOTOR, 1/6HP, 1SP, 8PL, AL (M3, M4, M6, M9, M10, M12, M13)
0131M00754	COND MOTOR, PSC, 1/6HP, 8PL (M15, M16, M20, M21)
CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M17, M18, M19, M20, M21, M22, M23)
0130M00250	CONTROL, DEFROST
0130M00089	CUT-OUT SWITCH, HIGH PRESSURE
0130M00088	CUT-OUT SWITCH, LOW PRESSURE
PCBDM133	DEFROST CONTROL BOARD (M1, M2, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
PCBDM160	DEFROST CONTROL BOARD (M8)
0130M00106	DISC THERMOSTAT CRNKCS HTR SW
10625738	FAN BLADE 26" ALUM CCW (M14, M15, M16, M19, M20, M21, M22, M23)
B1086764	FAN BLADE TYPE 2 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
B1086765	FAN BLADE TYPE 3 (M17, M18)
0163R00006	HEATER, CRANKCASE 230V, 40W (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
0163R00007	HEATER, CRANKCASE 230V, 40W (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
0151R00071	REVERSING VALVE (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
0151R00068	REVERSING VALVE (M1, M2, M3, M4, M5, M6)
0151R00069	REVERSING VALVE (M7, M8, M9, M10, M11, M12, M13)
B1225022	SOLENOID COIL

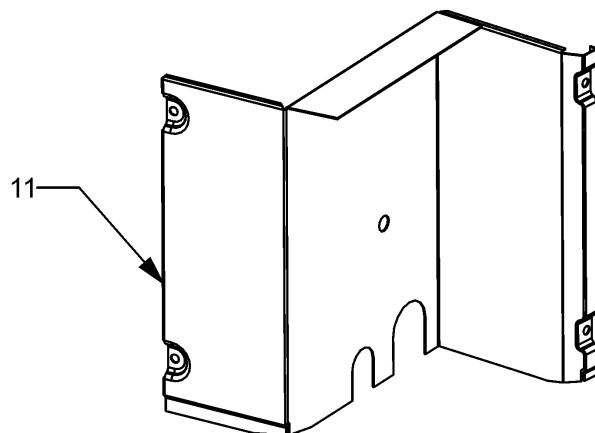
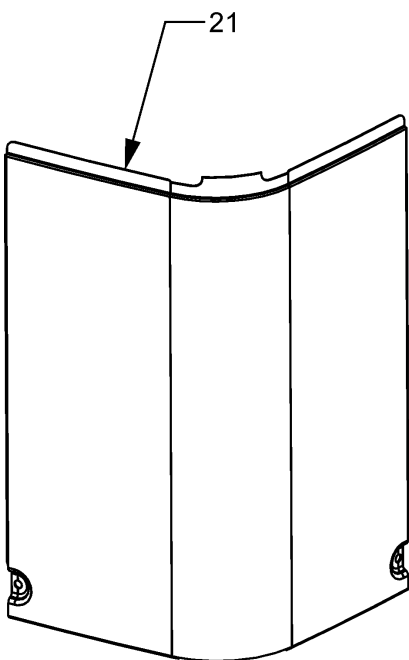
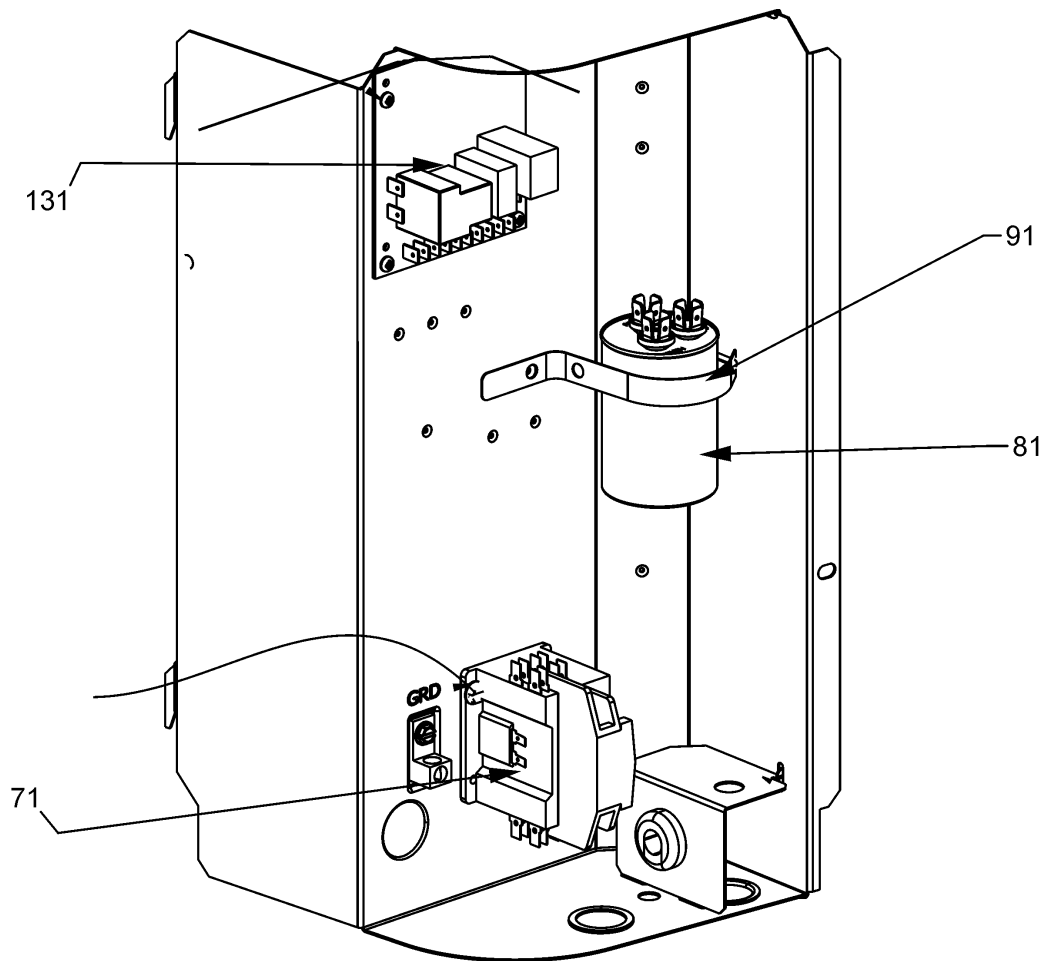
SPECIAL PARTS

0161R00010P AMANA NAMEPLATE

Expanded Model Nomenclature

M1 - ANZ140181AA
M2 - ANZ140181AB
M3 - ANZ140181AC
M4 - ANZ140181AD
M5 - ANZ140241AA
M6 - ANZ140241AD
M7 - ANZ140301AA
M8 - ANZ140301AB
M9 - ANZ140301AC
M10 - ANZ140301AD
M11 - ANZ140361AA
M12 - ANZ140361AB
M13 - ANZ140361AC
M14 - ANZ140421AA
M15 - ANZ140421AB
M16 - ANZ140421AC
M17 - ANZ140481AA
M18 - ANZ140481AB
M19 - ANZ140491AA
M20 - ANZ140491AB
M21 - ANZ140491AC
M22 - ANZ140601AA
M23 - ANZ140601AB

Control Box Assy



Control Box Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121R00154PDG	PANEL, LOWER ACCESS PNT (M7, M8, M9, M10, M11, M12, M13, M17, M18)
11	0121R00328PDG	PANEL, LOWER ACCESS PNT (M14, M15, M16)
11	0121R00625PDG	PANEL, LOWER ACCESS PNT (M1, M2, M3, M4, M5, M6, M19, M20, M21, M22, M23)
21	0121R00053PDG	CONTROL COVER
71	CONT1P025024V	CONTACTOR 25 AMP, 1P, 24V (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)
71	CONT1P030024V	CONTACTOR 30 AMP, 1P, 24V (M17, M18, M19, M20, M21, M22, M23)
81	CAP050300440CS	CAP,5/30MFD/440V/DUAL RD (M1, M2, M3, M4)
81	CAP050350440CS	CAPACITOR 5/35/440V (M5, M6, M7, M8, M9, M10)
81	CAP050450440CT	CAPACITOR 5/45/440V/DUAL RD (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21)
81	CAP050700440CT	CAPACITOR 5/70/440V/DUAL RD (M22, M23)
91	4400065	CAPACITOR STRAP
131	PCBDM133	DEFROST CONTROL BOARD (M1, M2, M3, M4, M5, M6, M7, M9, M10, M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)
131	PCBDM160	DEFROST CONTROL BOARD (M8)
NS	0161R00010P	AMANA NAMEPLATE

Expanded Model Nomenclature

M1 - ANZ140181AA
 M2 - ANZ140181AB
 M3 - ANZ140181AC
 M4 - ANZ140181AD
 M5 - ANZ140241AA
 M6 - ANZ140241AD
 M7 - ANZ140301AA
 M8 - ANZ140301AB
 M9 - ANZ140301AC
 M10 - ANZ140301AD
 M11 - ANZ140361AA
 M12 - ANZ140361AB
 M13 - ANZ140361AC
 M14 - ANZ140421AA
 M15 - ANZ140421AB
 M16 - ANZ140421AC
 M17 - ANZ140481AA
 M18 - ANZ140481AB
 M19 - ANZ140491AA
 M20 - ANZ140491AB
 M21 - ANZ140491AC
 M22 - ANZ140601AA
 M23 - ANZ140601AB

Compressor / Tubing Assembly / Condenser

IMAGE 1

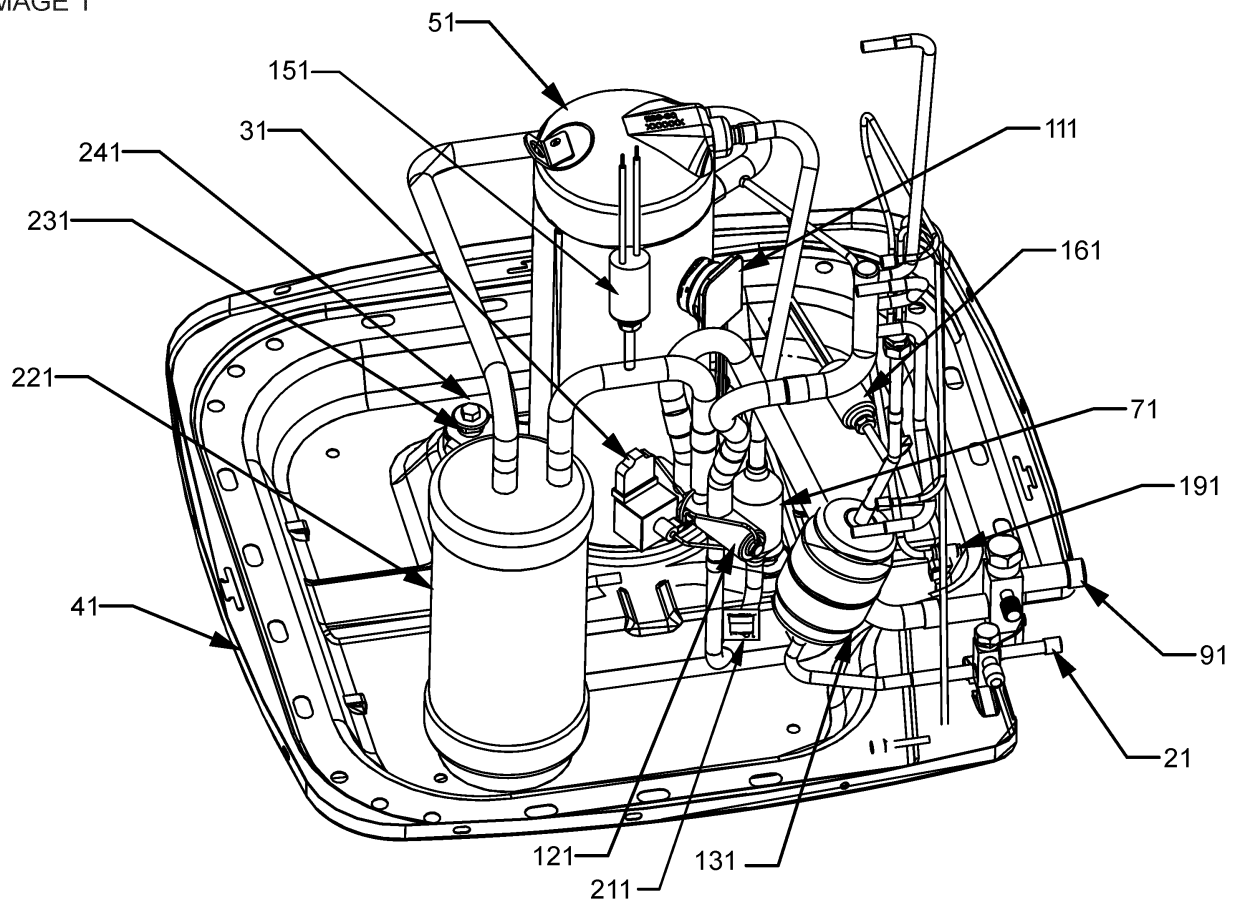
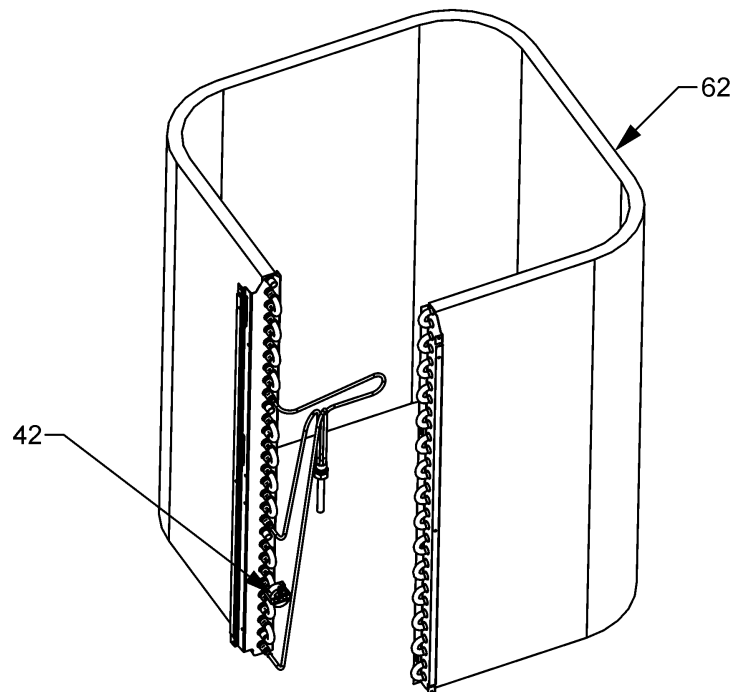


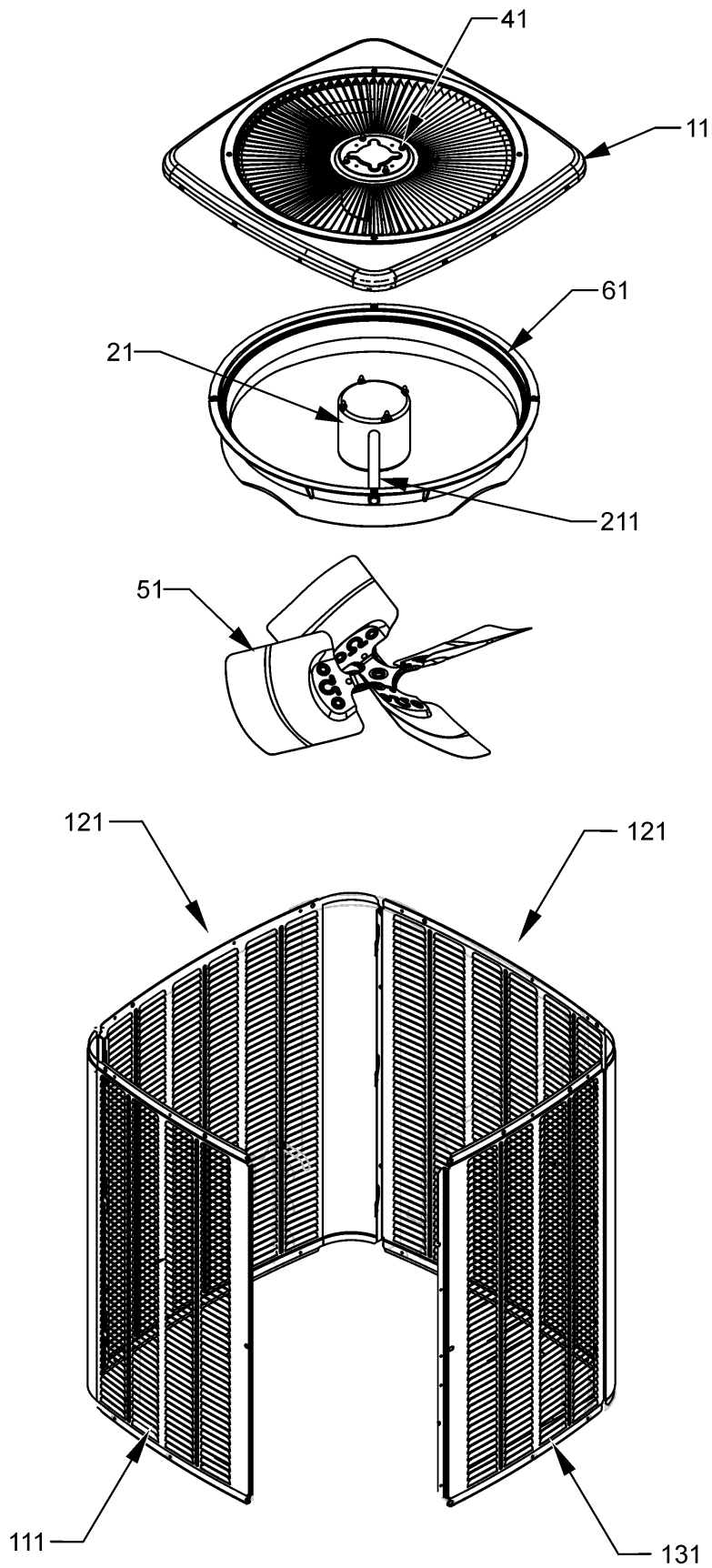
IMAGE 2



Compressor / Tubing Assembly / Condenser

Ref. Part			Ref. Part		
No: No:	Description:		No: No:	Description:	
Image 1:			Image 2:		
21	0151R00078	BASE VALVE 3/8"	NS	B1789872	FLOW CHECK PISTON KIT (M11, M12, M13)
31	0130M00083	SOLENOIDHARNESS W/1/4"TERMINAL	NS	B1789851	FLOW CHECK PISTON KIT .051 (M2, M3, M4)
41	0121R00006PDG	BASE PAN 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M17, M18)	NS	B1789857	FLOW CHECK PISTON KIT .057 (M5, M6)
41	0121R00007PDG	BASE PAN 35" (M14, M15, M16, M19, M20, M21, M22, M23)	NS	B1789865	FLOW CHECK PISTON KIT .065 (M7, M9, M10)
51	ZP14K6EPFV130	COMP, 14,000,208/230/60/1 (M1, M2, M3, M4)	NS	B1789878	FLOW CHECK PISTON KIT .078 (M15, M16)
51	ZP20K6EPFV130	COMP, 20,000,208/230/60/1 (M5, M6)	NS	B1789880	FLOW CHECK PISTON KIT .080 (M17, M18, M20, M21)
51	ZP34K6EPFV130	COMP, 46500, 208/230/60/1 (M14, M15, M16)	NS	B1789888	FLOW CHECK PISTON KIT .088 (M22, M23)
51	ZP40K6EPFV130	COMP, 53700, 208/230/60/1 (M17, M18)	Expanded Model Nomenclature		
51	ZP25K6EPFV130	COMP,34200,208/230/60/1 (M7, M8, M9, M10)			
51	ZP31K6EPFV130	COMP,42500,208/230/60/1 (M11, M12, M13)			
51	ZP39K5EPFV130	COMPRESSOR 39000, 208/230/60/1 (M19, M20, M21)			
51	ZP51K5EPFV130	COMPRESSOR 51000, 208/230/60/1 (M22, M23)			
71	0162R00007	MUFFLER 1/2 X 1/2			
91	0151R00079	BASE VALVE 3/4" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)			
91	0151R00080	BASE VALVE 7/8" (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)			
111	0159R00001P	COMPRESSOR SCROLL HARNESS (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M17, M18)			
111	0159R00002P	COMPRESSOR SCROLL HARNESS (M14, M15, M16, M19, M20, M21, M22, M23)			
121	0151R00068	REVERSING VALVE (M1, M2, M3, M4, M5, M6)			
121	0151R00069	REVERSING VALVE (M7, M8, M9, M10, M11, M12, M13)			
121	0151R00071	REVERSING VALVE (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)			
131	20485201	BI-FLOW FILTER DRIER			
151	0130M00088	CUT-OUT SWITCH, LOW PRESSURE			
161	0130M00089	CUT-OUT SWITCH, HIGH PRESSURE			
191	B1787000	VALVE CORE			
211	0130M00106	DISC THERMOSTAT CRNKCS HTR SW			
221	0151L00008	ACCUMULATOR (M11, M12, M13)			
221	0151R00004P	ACCUMULATOR .750 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)			
221	B1226207	ACCUMULATOR .875 (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)			
231	B1339533	COMPRESSOR GROMMET (QTY 4)			
241	M0221641	TF SHOULDER SCREW (QTY 4)			
NS	0163M00175	CAP WITH O-RING			
NS	0163R00006	HEATER, CRANKCASE 230V, 40W (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)			
NS	0163R00007	HEATER, CRANKCASE 230V, 40W (M14, M15, M16, M17, M18, M19, M20, M21, M22, M23)			
NS	0130M00083	REVERSING VALVE HARNESS			
NS	B1225022	SOLENOID COIL			
Image 2:					
42	0130M00250	CONTROL, DEFROST			
62	0201R00515	COIL TUBING ASSY (M14, M15, M16)			
62	0201R00567	COIL TUBING ASSY (M19, M20, M21, M22, M23)			
62	0201R00581	COIL TUBING ASSY (M17, M18)			
62	0201R00668	COIL TUBING ASSY (M1, M2, M3, M4)			
62	0201R00669	COIL TUBING ASSY (M5, M6)			
62	0201R00670	COIL TUBING ASSY (M7, M8, M9, M10)			
62	0201R00671	COIL TUBING ASSY (M11, M12, M13)			

Cabinet Top & Side Assy



Cabinet Top & Side Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121R00010PDG	TOP PANEL 29" (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M17, M18)
11	0121R00269PDG	Top Panel, 35" Pnt (M14, M15, M16, M19, M20, M21, M22, M23)
21	0131M00061	COND MOTOR 1/4 HP, 1 SP, 8 PL (M14, M17, M18, M19, M22, M23)
21	0131M00060	COND MOTOR 1/6 HP, 1 SP, 8 PL (M1, M2, M5, M7, M8, M11)
21	0131M00753	COND MOTOR, 1/6HP, 1SP, 8PL, AL (M3, M4, M6, M9, M10, M12, M13)
21	0131M00754	COND MOTOR, PSC, 1/6HP, 8PL (M15, M16, M20, M21)
41	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
51	10625738	FAN BLADE 26" ALUM CCW (M14, M15, M16, M19, M20, M21, M22, M23)
51	B1086764	FAN BLADE TYPE 2 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13)
51	B1086765	FAN BLADE TYPE 3 (M17, M18)
61	0161R00048	MOLDED RING-VENTURI 22 (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M17, M18)
61	0161R00049	MOLDED RING-VENTURI 26" (M14, M15, M16, M19, M20, M21, M22, M23)
111	0121R00580PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M1, M2, M3, M4, M5, M6)
111	0121R00589PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M7, M8, M9, M10, M11, M12, M13, M17, M18)
111	0121R00598PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M19, M20, M21, M22, M23)
111	0121R00601PLGB	LOUVERED SIDE PANEL [LT OF CNTL PNL] (M14, M15, M16)
121	0121R00514PLGB	LOUVERED SIDE PANEL (M14, M15, M16)
121	0121R00581PLGB	LOUVERED SIDE PANEL (M1, M2, M3, M4, M5, M6)
121	0121R00590PLGB	LOUVERED SIDE PANEL (M7, M8, M9, M10, M11, M12, M13, M17, M18)
121	0121R00599PLGB	LOUVERED SIDE PANEL (M19, M20, M21, M22, M23)
131	0121R00582PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M1, M2, M3, M4, M5, M6)
131	0121R00591PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M7, M8, M9, M10, M11, M12, M13, M17, M18)
131	0121R00600PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M19, M20, M21, M22, M23)
131	0121R00603PLG	LOUVERED SIDE PANEL [RT OF CNTL PNL] (M14, M15, M16)
211	0161R00002P	CONDUIT (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10, M11, M12, M13, M17, M18)
211	0161R00004P	CONDUIT (M14, M15, M16, M19, M20, M21, M22, M23)

Expanded Model Nomenclature

M1 - ANZ140181AA
M2 - ANZ140181AB
M3 - ANZ140181AC
M4 - ANZ140181AD
M5 - ANZ140241AA
M6 - ANZ140241AD
M7 - ANZ140301AA
M8 - ANZ140301AB
M9 - ANZ140301AC
M10 - ANZ140301AD
M11 - ANZ140361AA
M12 - ANZ140361AB
M13 - ANZ140361AC
M14 - ANZ140421AA
M15 - ANZ140421AB
M16 - ANZ140421AC
M17 - ANZ140481AA
M18 - ANZ140481AB
M19 - ANZ140491AA
M20 - ANZ140491AB
M21 - ANZ140491AC
M22 - ANZ140601AA
M23 - ANZ140601AB