



REPAIR PARTS

GLZT7CA Remote Heat Pump

GLZT7CA2410AA

GLZT7CA3610AA

GLZT7CA4810AA

GLZT7CA6010AA



This manual is to be used by qualified technicians only.

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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:

SHARED DATA	Available thru CoolCloud HVAC app
0151R00285	BASE VALVE 3/4", R32 (M1)
0151R00287	BASE VALVE 3/8", R32
0151R00286	BASE VALVE 7/8", R32 (M2, M3, M4)
CAB050350440CS	CAP, 5/35 MFD/440V RD - BPRF (M1, M2, M3)
CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M4)
0130R00116	CAPACITOR HARD START
YPS40K1TPFVASC	COMPRESSOR (M3)
YPS20K1TPFVASE	COMPRESSOR (M1)
YPS51K1TPFVASC	COMPRESSOR (M4)
YPS29K1TPFVASE	COMPRESSOR (M2)
0130M00106	DISC THERMOSTAT(CRNKCS HTR SW)
0163R00006	HEATER, CRANKCASE 230V, 40W (M1, M2)
0163R00007	HEATER, CRANKCASE 230V, 40W (M3, M4)
0131M00827	MOTOR, ECM (M1, M2)
0131M00804	MOTOR, ECM (M3, M4)
0130M00054	OUTDOOR AIR TEMP SENSOR
0130M00852	OUTDOOR COIL TEMP SENSOR (M1, M2)
0130M00502	OUTDOOR COIL TEMP SENSOR (M3, M4)
PCBHR105	PCB, COTROL BOARD
0130M00864	RELAY, HARD START (M3, M4)
0130M00863	RELAY, HARD START (M1, M2)
0151R00071	REVERSING VALVE (M2, M3, M4)
0151R00288	REVERSING VALVE (M1)
B1225022	SOLENOID COIL
0130R00002	SW-CUTOUT LOW PRESS
0130M20002	SWITCH, HIGH PRESSURE
0130M00138	TRANSFORMER, 208/230, 24V
0151R00299	VALVE, ADJUSTABLE (M1)
0151R00295	VALVE, ADJUSTABLE (M2)
0151R00301	VALVE, ADJUSTABLE (M3)
0151R00302	VALVE, ADJUSTABLE (M4)
0130M00005P	WIRE HARNESS, COMPR SOLENOID

SPECIAL PARTS

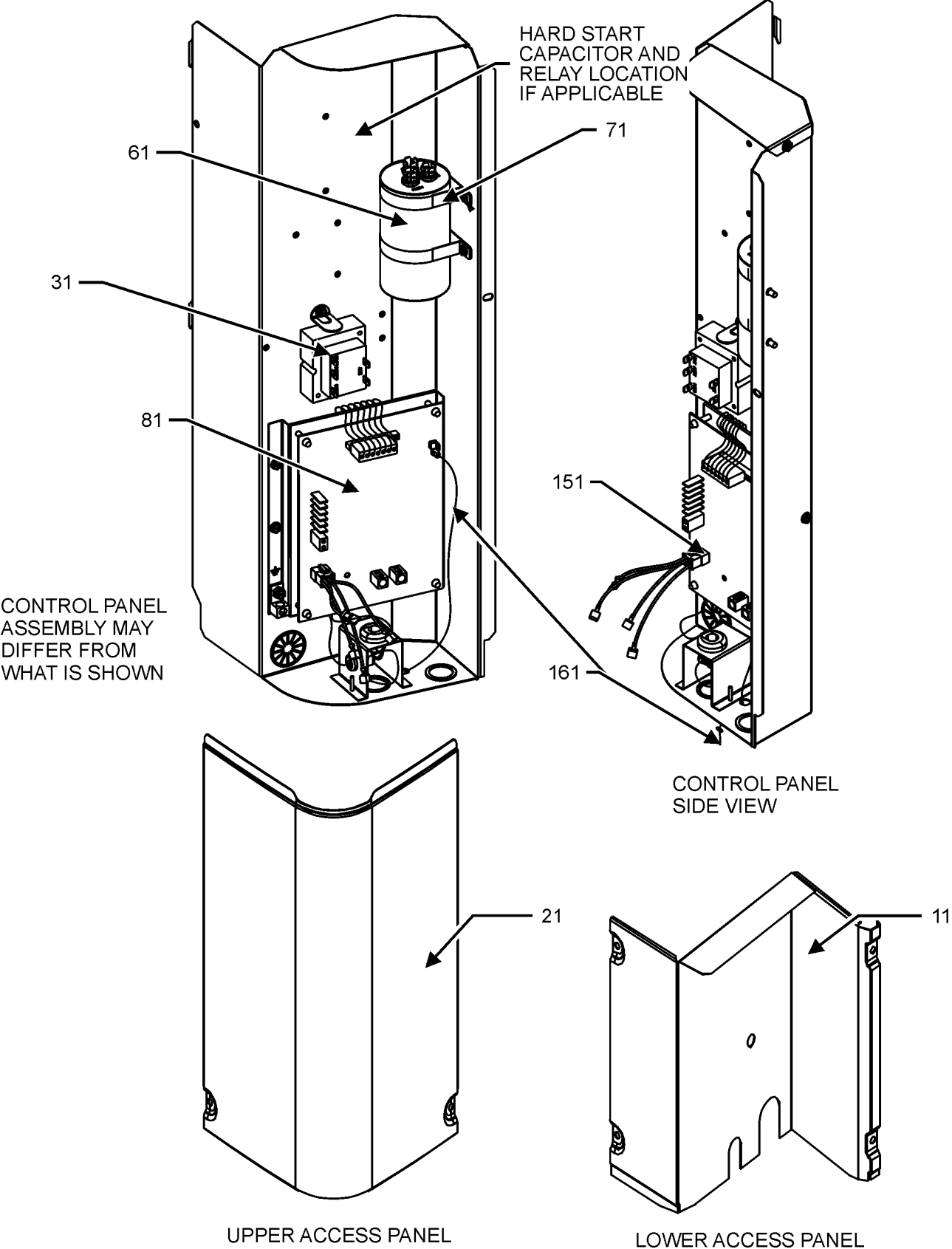
0161R00088	CAP, GRILL
0161R00092	NAMEPLATE, GOODMAN

Expanded Model Nomenclature

M1 - GLZT7CA2410AA
M2 - GLZT7CA3610AA
M3 - GLZT7CA4810AA
M4 - GLZT7CA6010AA

Control Box Assembly

CONTROL PANEL ASSEMBLY



Control Box Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

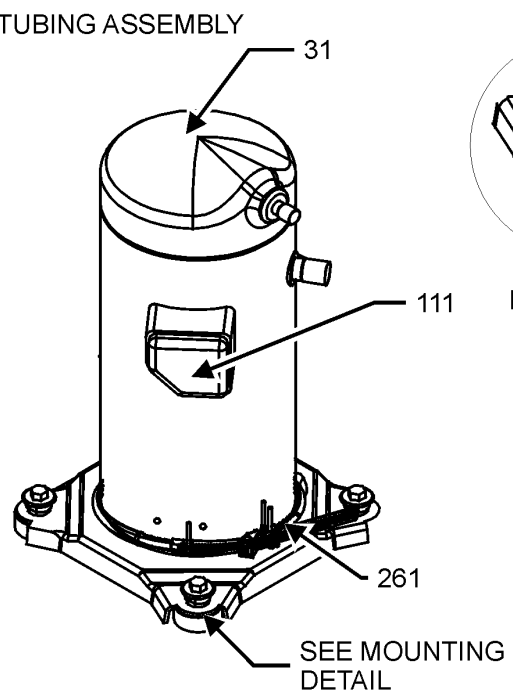
11	0121R00908PDG	PNL, LWR ACCESS (M2)
11	0121R00918PDG	PNL, LWR ACCESS (M3, M4)
11	0121R00923PDG	PNL, LWR ACCESS (M1)
21	0121R00950PDG	CONTROL COVER, LARGE PNT
31	0130M00138	TRANSFORMER, 208/230, 24V
61	CAB050350440CS	CAP, 5/35 MFD/440V RD - BPRF (M1, M2, M3)
61	CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M4)
71	0121R00213	CAPACITOR STRAP (QTY 2)
81	PCBHR105	PCB, COTROL BOARD
151	0259R00009	ASSY, HARNESS
161	0130M00054	OUTDOOR AIR TEMP SENSOR
NS	SHARED DATA	Available thru CoolCloud HVAC app
NS	0130R00116	CAPACITOR HARD START
NS	0161R00092	NAMEPLATE, GOODMAN
NS	0130M00863	RELAY, HARD START (M1, M2)
NS	0130M00864	RELAY, HARD START (M3, M4)
NS	0130M00005P	WIRE HARNESS, COMPR SOLENOID

Expanded Model Nomenclature

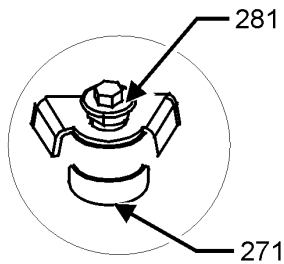
M1 - GLZT7CA2410AA M2 - GLZT7CA3610AA M3 - GLZT7CA4810AA M4 - GLZT7CA6010AA
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Compressor and Tubing Assembly

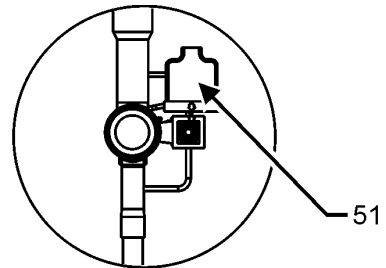
TUBING ASSEMBLY



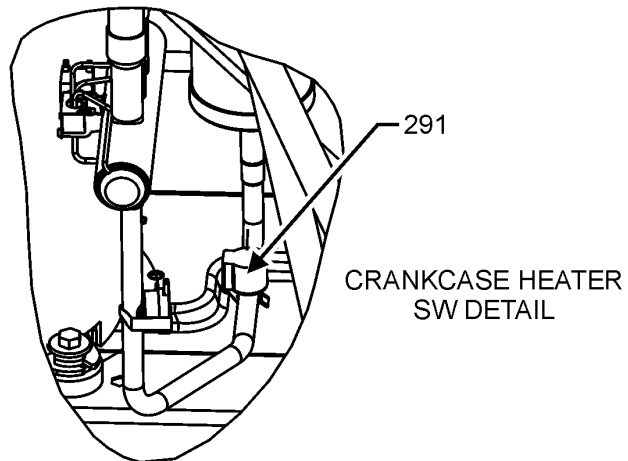
COMPRESSOR DETAIL



MOUNTING
DETAIL

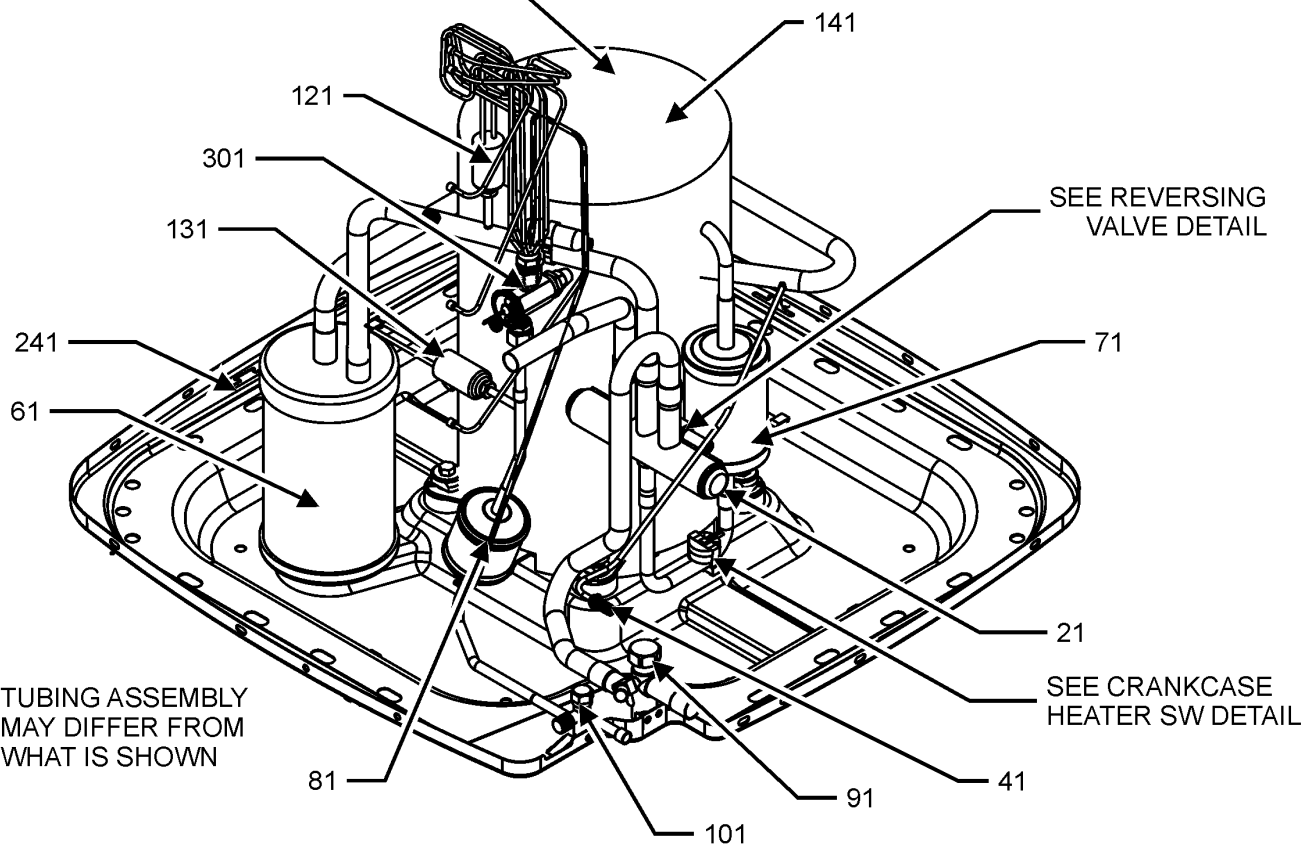


REVERSING VALVE DETAIL



CRANKCASE HEATER
SW DETAIL

SEE COMPRESSOR DETAIL



TUBING ASSEMBLY
MAY DIFFER FROM
WHAT IS SHOWN

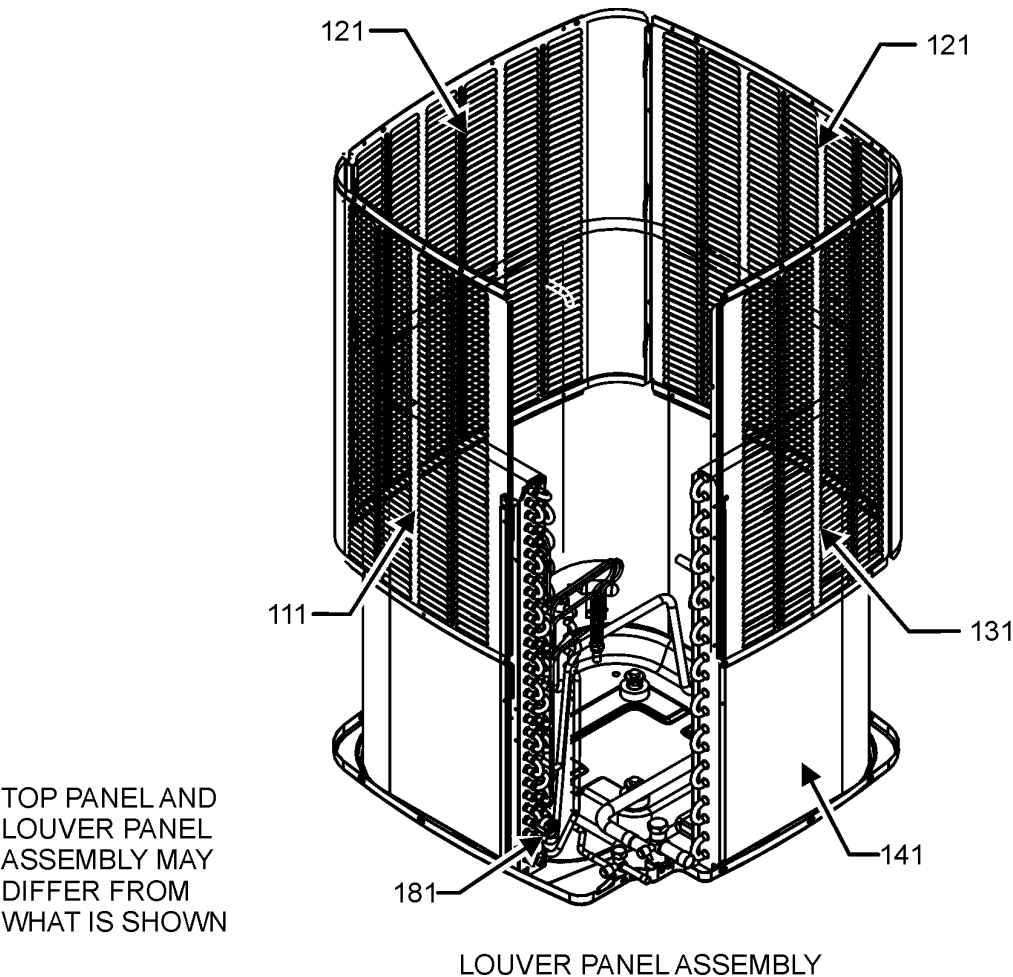
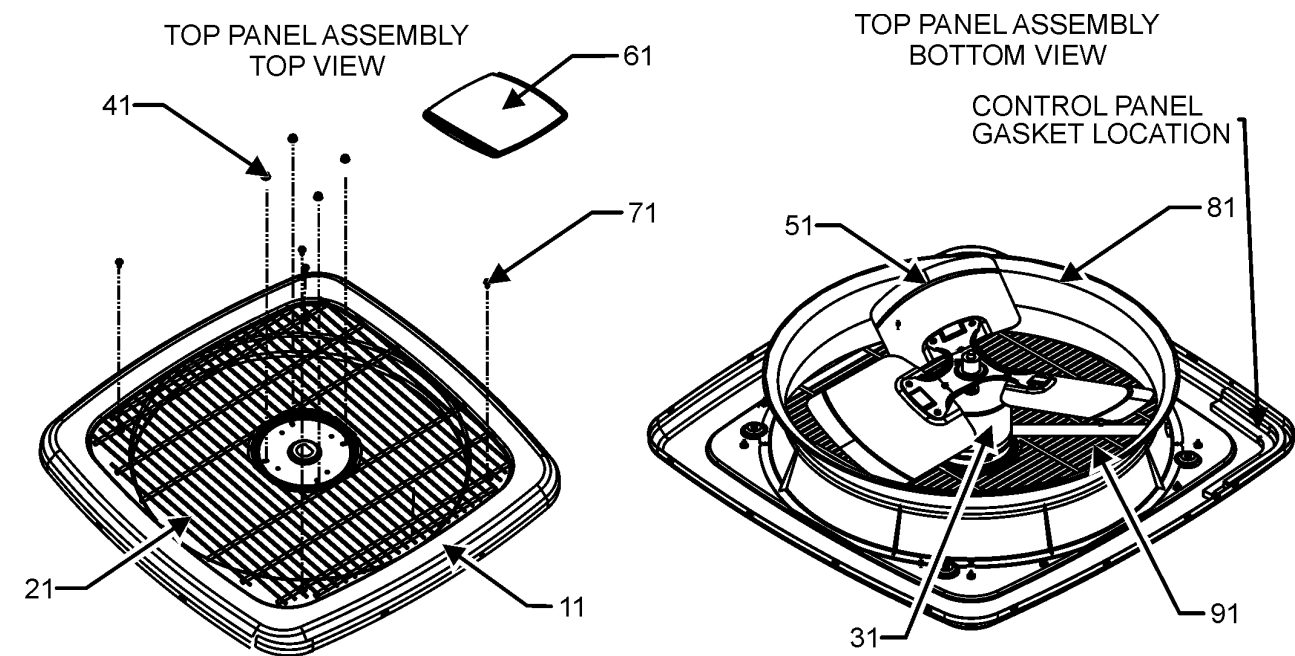
Compressor and Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0151R00071		REVERSING VALVE (M2, M3, M4)
21	0151R00288		REVERSING VALVE (M1)
31	YPS20K1TPFVASE		COMPRESSOR (M1)
31	YPS29K1TPFVASE		COMPRESSOR (M2)
31	YPS40K1TPFVASC		COMPRESSOR (M3)
31	YPS51K1TPFVASC		COMPRESSOR (M4)
41	0163M00629		RED CAP WITH O-RING
51	0130M00411		SOLENOID HARNESS W/1/4" TERM
61	0151L00009		ACCUMULATOR (M3, M4)
61	0151L00058		ACCUMULATOR (M1)
61	B1226207		ACCUMULATOR .875 (M2)
71	0162R00007		MUFFLER 1/2 X 1/2
81	0162R00056		FILTER/DRIER-BI-FLOW
91	0151R00285		BASE VALVE 3/4", R32 (M1)
91	0151R00286		BASE VALVE 7/8", R32 (M2, M3, M4)
101	0151R00287		BASE VALVE 3/8", R32
111	0159R00002P		HARNESS, COMP SCROLL 130 46"
121	0130R00002		SW-CUTOUT LOW PRESS
131	0130M20002		SWITCH, HIGH PRESSURE
141	0160M00035		COMPRESSOR BLANKET (M1, M2)
141	0160M00039		COMPRESSOR BLANKET (M3, M4)
241	0121R01090PDG		PAINTED BASE PAN 35.5"
261	0163R00006		HEATER, CRANKCASE 230V, 40W (M1, M2)
261	0163R00007		HEATER, CRANKCASE 230V, 40W (M3, M4)
271	B1339533		COMPRESSOR GROMMET (QTY 4)
281	M0221641		TF SHOULDER SCREW (QTY 4)
291	0130M00106		DISC THERMOSTAT(CRNKCS HTR SW)
301	0151R00295		VALVE, ADJUSTABLE (M2)
301	0151R00299		VALVE, ADJUSTABLE (M1)
301	0151R00301		VALVE, ADJUSTABLE (M3)
301	0151R00302		VALVE, ADJUSTABLE (M4)
NS	0151R00229		COMPENSATOR (M2)
NS	0151R00237		COMPENSATOR (M3, M4)
NS	0151R00254		COMPENSATOR (M1)
NS	B1225022		SOLENOID COIL
NS	0151M00104		VALVE CORE

Expanded Model Nomenclature

M1 - GLZT7CA2410AA M2 - GLZT7CA3610AA M3 - GLZT7CA4810AA M4 - GLZT7CA6010AA
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Cabinet Top and Louver Panel Assembly



TOP PANEL AND
LOUVER PANEL
ASSEMBLY MAY
DIFFER FROM
WHAT IS SHOWN

Cabinet Top and Louver Panel Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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Image 1:

11	0121R00936PDG	TOP PANEL 35"
21	0152R00023	GRILL, WIRE 35. TOP (M3, M4)
21	0152R00027	GRILL, WIRE 35. TOP (M1, M2)
31	0131M00804	MOTOR, ECM (M3, M4)
31	0131M00827	MOTOR, ECM (M1, M2)
41	M0280801	HEX NUT (QTY 4)
51	0150M00054	FAN BLADE, 26"
61	0161R00088	CAP, GRILL
71	0163M00003P	SCREW #10 X 1/2, A, SLOT, SR, BLACK (QTY 9)
81	0161R00105	35" VENTURI CFS
91	0163M00385	CONDUIT-FLEXIBLE
111	0121R00228PDG	PANEL 1, LOUVER 35, 5MM, PNT (M2)
111	0121R00593PDG	PANEL 1, LOUVER 35_39.84 PNT (M3, M4)
111	0121R00229PDG	PANEL 1, LOUVER 35, 37.8 5MM, PNT (M1)
121	0121R00232PDG	PANEL 2, LOUVER 35 (M1)
121	0121R00231PDG	PANEL 2, LOUVER 35, 5MM, PNT (M2)
121	0121R00595PDG	PANEL 2, LOUVER 35_39.84 PNT (M3, M4)
131	0121R00235PDG	PANEL 3, LOUVER 35, 37.8 (M1)
131	0121R00234PDG	PANEL 3, LOUVER 35, 5MM, PNT (M2)
131	0121R00597PDG	PANEL 3, LOUVER 35_39.84 PNT (M3, M4)
141	0201R00836	COIL TUBING ASSY (M3, M4)
141	0201R00873	COIL TUBING ASSY (M1)
141	0201R00874	COIL TUBING ASSY (M2)
181	0130M00502	OUTDOOR COIL TEMP SENSOR (M3, M4)
181	0130M00852	OUTDOOR COIL TEMP SENSOR (M1, M2)

Expanded Model Nomenclature

M1 - GLZT7CA2410AA M2 - GLZT7CA3610AA M3 - GLZT7CA4810AA M4 - GLZT7CA6010AA
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