

DC7TCA 2-Stage Remote Condensing Unit

DC7TCA2410AA

DC7TCA3610AA

DC7TCA4810AA

DC7TCA6010AA



This manual is to be used by qualified technicians only.

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

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

Daikin Comfort Technologies Manufacturing , 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
Daikin Comfort Technologies Manufacturing , L.P.
19001 Kermier Road
Waller, Texas 77484
855-770-5678-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:
International Division
Daikin Comfort Technologies Manufacturing , 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, M2)
0151R00287	BASE VALVE 3/8", R32
0151R00286	BASE VALVE 7/8", R32 (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
YPS51K1TPFVASC	COMPRESSOR (M4)
YPS20K1TPFVASE	COMPRESSOR (M1)
YPS40K1TPFVASC	COMPRESSOR (M3)
YPS29K1TPFVASE	COMPRESSOR (M2)
0163R00007	HEATER, CRANKCASE 230V, 40W (M3, M4)
0130M00086	LOW PRESSURE SWITCH
0131M00804	MOTOR, ECM (M3, M4)
0131M00827	MOTOR, ECM (M1, M2)
0130M00054	OUTDOOR AIR TEMP SENSOR
PCBGR104	PCB, CONTROL
0130M00864	RELAY HARD START (M2, M3, M4)
0130M00863	RELAY, HARD START (M1)
0130M20007	SW-CUTOUT HI PRESS
0130M00138	TRANSFORMER

SPECIAL PARTS

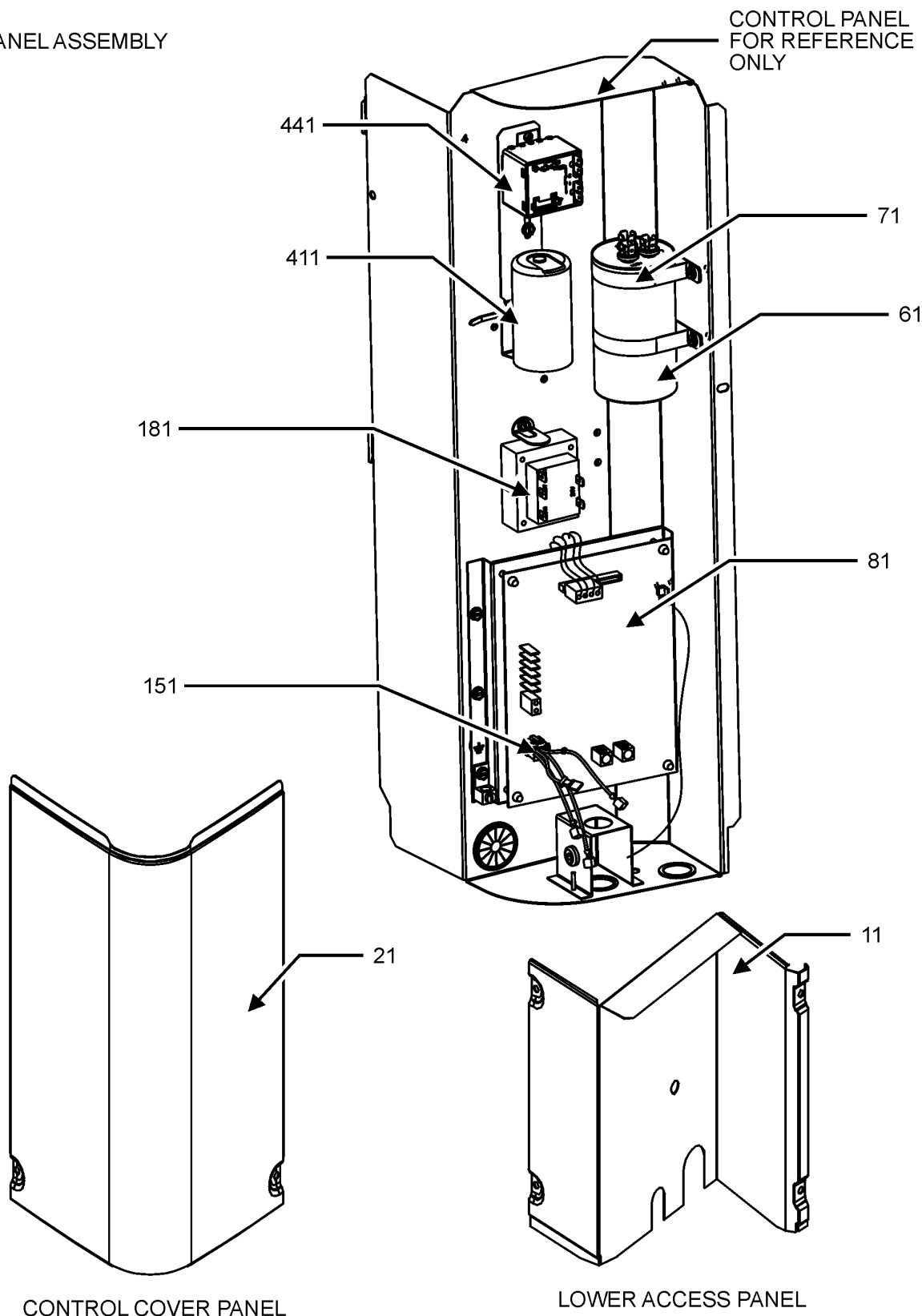
0161R00095	CAP, GRILL
0161R00093	NAMEPLATE, DAIKIN

Expanded Model Nomenclature

M1 - DC7TCA2410AA
M2 - DC7TCA3610AA
M3 - DC7TCA4810AA
M4 - DC7TCA6010AA

Control Box Assembly

CONTROL PANEL ASSEMBLY



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Control Box Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

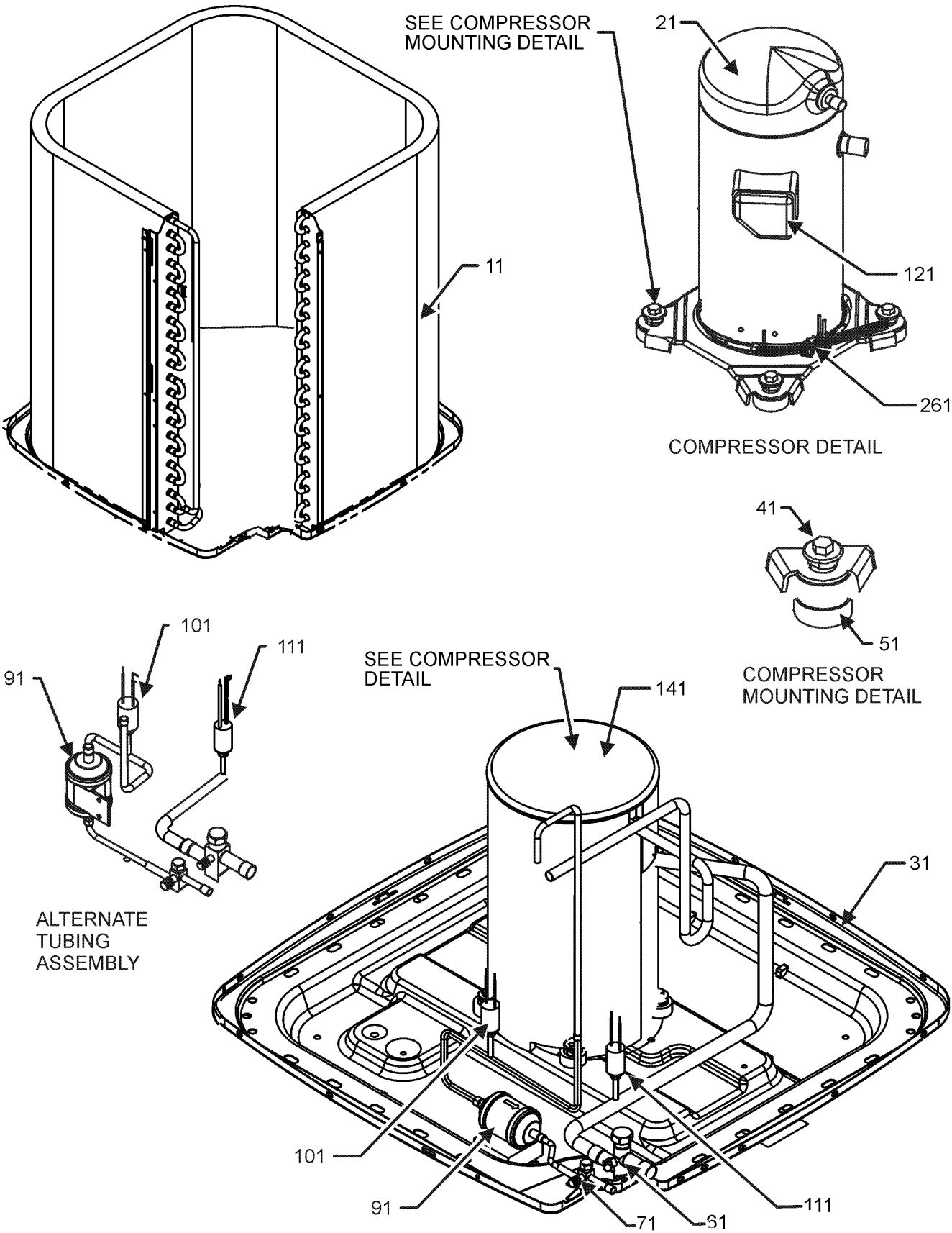
Image 1:

11	0121R00918PNG	PNL, LWR ACCESS (M3, M4)
11	0121R00923PNG	PNL, LWR ACCESS (M1, M2)
21	0121R00950PNG	CONTROL COVER, LARGE PNT
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	PCBGR104	PCB, CONTROL
151	0259R00009	ASSY, HARNESS
181	0130M00138	TRANSFORMER
411	0130R00116	CAPACITOR HARD START
441	0130M00864	RELAY HARD START (M2, M3, M4)
441	0130M00863	RELAY, HARD START (M1)
NS	SHARED DATA	Available thru CoolCloud HVAC app
NS	0121R00854	HARD START KIT BRACKET
NS	0161R00093	NAMEPLATE, DAIKIN
NS	0130M00054	OUTDOOR AIR TEMP SENSOR

Expanded Model Nomenclature

M1 - DC7TCA2410AA
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M3 - DC7TCA4810AA
M4 - DC7TCA6010AA

Compressor and Tubing Assembly



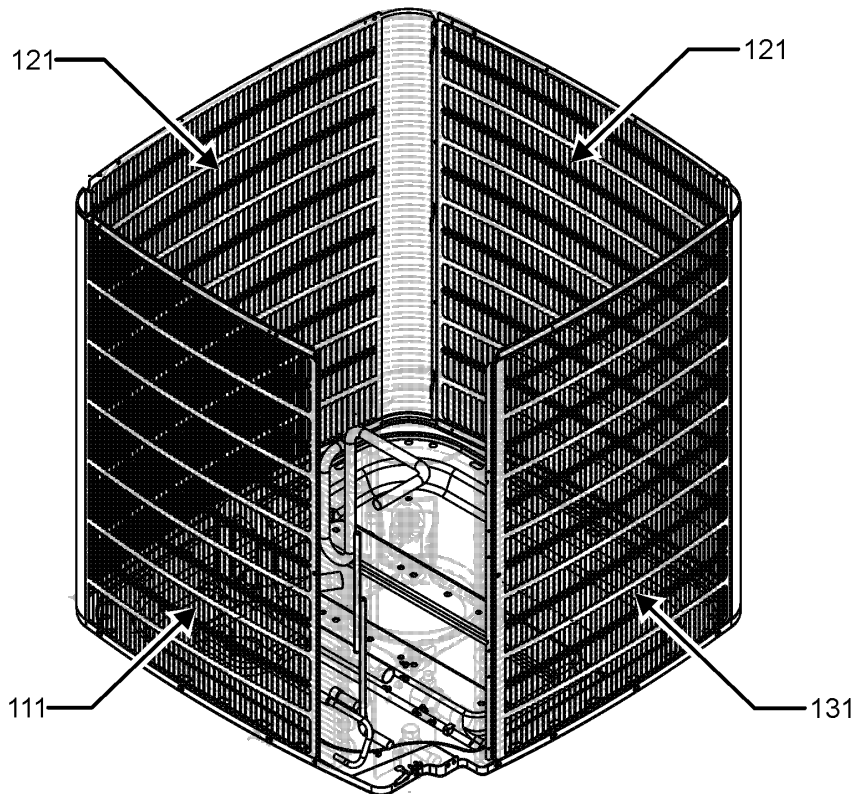
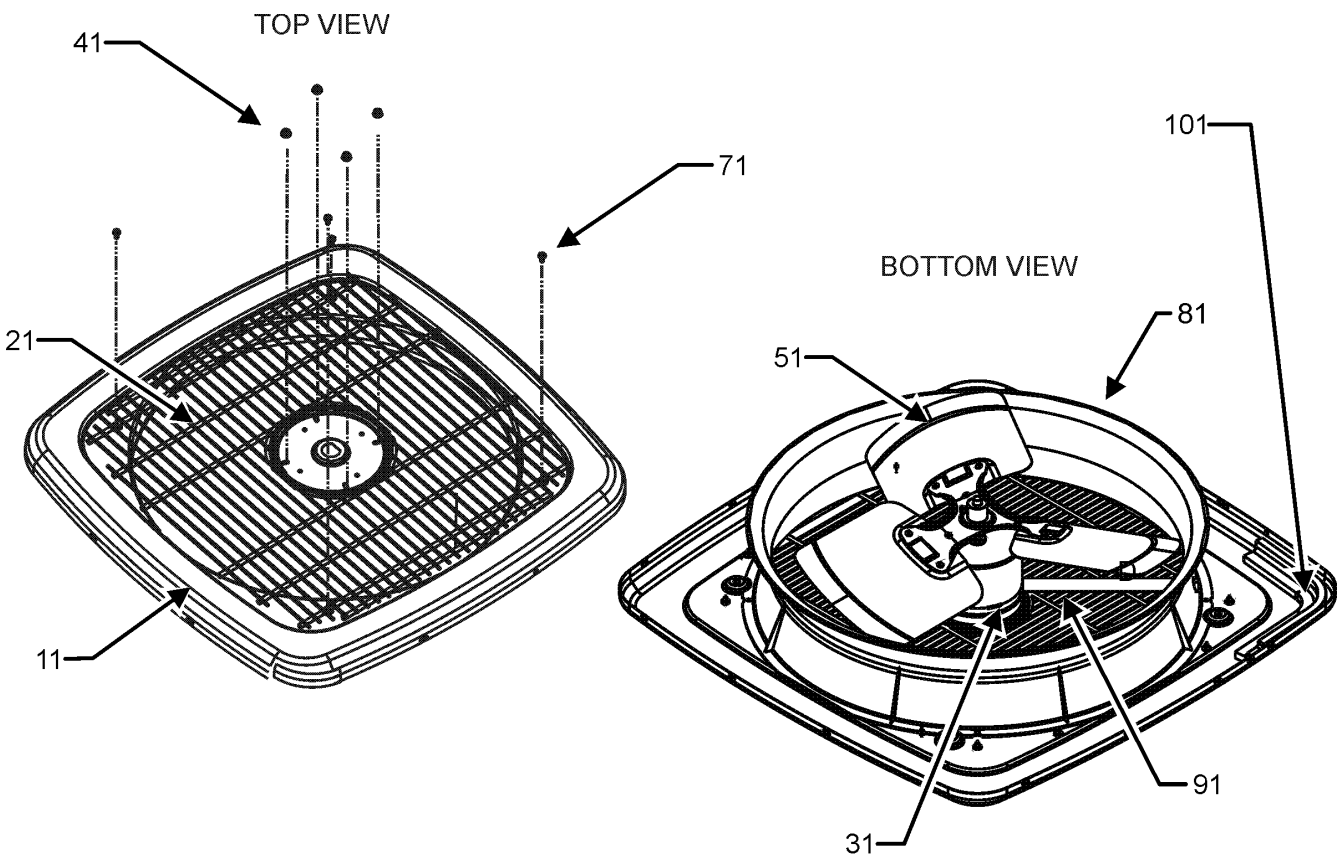
Compressor and Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0201R00433		COIL TUBING ASSY (M1, M2)
11	0201R00718		COIL TUBING ASSY (M4)
11	0201R00738		COIL TUBING ASSY (M3)
21	YPS20K1TPFVASE		COMPRESSOR (M1)
21	YPS29K1TPFVASE		COMPRESSOR (M2)
21	YPS40K1TPFVASC		COMPRESSOR (M3)
21	YPS51K1TPFVASC		COMPRESSOR (M4)
31	0121R01090PNG		PAINTED, BASE PAN
41	M0221641		TF SHOULDER SCREW (QTY 4)
51	B1339533		GROMMET, COMPRESSOR (SCROLL & (QTY 4)
61	0151R00285		BASE VALVE 3/4", R32 (M1, M2)
61	0151R00286		BASE VALVE 7/8", R32 (M3, M4)
71	0151R00287		BASE VALVE 3/8", R32
91	0162R00057		FILTER DRIER
101	0130M20007		SW-CUTOUT HI PRESS
111	0130M00086		LOW PRESSURE SWITCH
121	0159R00002P		HARNESS, COMP SCROLL 130 46"
141	0160M00035		COMPRESSOR BLANKET (M1, M2)
141	0160M00038		COMPRESSOR BLANKET (M3)
141	0160M00039		COMPRESSOR BLANKET (M4)
261	0163R00007		HEATER, CRANKCASE 230V, 40W (M3, M4)
NS	0130M00005P		WIRE HARNESS, COMPR SOLENOID

Expanded Model Nomenclature

M1 - DC7TCA2410AA M2 - DC7TCA3610AA M3 - DC7TCA4810AA M4 - DC7TCA6010AA
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Top and Louver Side Panel Assembly



LOUVER PANEL ASSEMBLY

Top and Louver Side Panel Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121R00936PNG	TOP PANEL, 35. PNT
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"
71	0163M00003P	SCREW #10 X 1/2, A, SLOT, SR, BLACK (QTY 6)
81	0161R00105	35" VENTURI CFS
91	0163M00385	CONDUIT, FLEXIBLE
101	0154R00045	GASKET, CONTROL PANEL
111	0121R00240PNG	LOUVER, SIDE PANEL BENT (M1, M2)
111	0121R00601PNG	PANEL 1, BENT LOUVER 35_39.84 (M3, M4)
121	0121R00244PNG	LOUVER, SIDE PANEL, BENT (M1, M2)
121	0121R00514PNG	PANEL 2, BENT LOUVER 35_39.84 (M3, M4)
131	0121R00248PNG	LOUVER, SIDE PANEL, PNT (M1, M2)
131	0121R00603PNG	PANEL 3, LOUVER 35_39.84 PNT (M3, M4)
NS	0161R00095	CAP, GRILL

Expanded Model Nomenclature

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