

Duo-THERM®

by Dometic

WHEN ORDERING SPARE PARTS, ALWAYS STATE:

MODEL NO. - PRODUCT NO. - QUANTITY -
PART NUMBER - DESCRIPTION

SELF-CONTAINED AIR CONDITIONER FOR RECREATIONAL VEHICLES

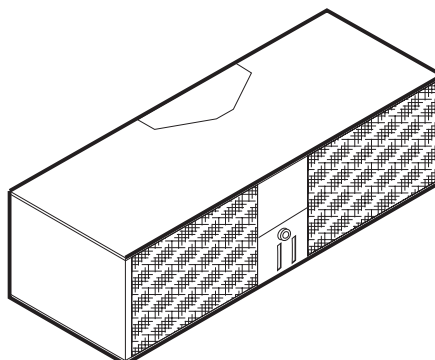
ROTARY COMPRESSOR SYSTEM MODEL

USA

SERVICE OFFICE
The Dometic Corp.
509 So. Poplar St.
LaGrange, IN 46761

CANADA

Dometic Dist.
866 Lings Dr.
Cambridge, Ontario
CANADA N3H 2N7



PARTS LIST

**SYSTEM
MODEL
39224.601**

Prod. No. 991741814

[illegible]

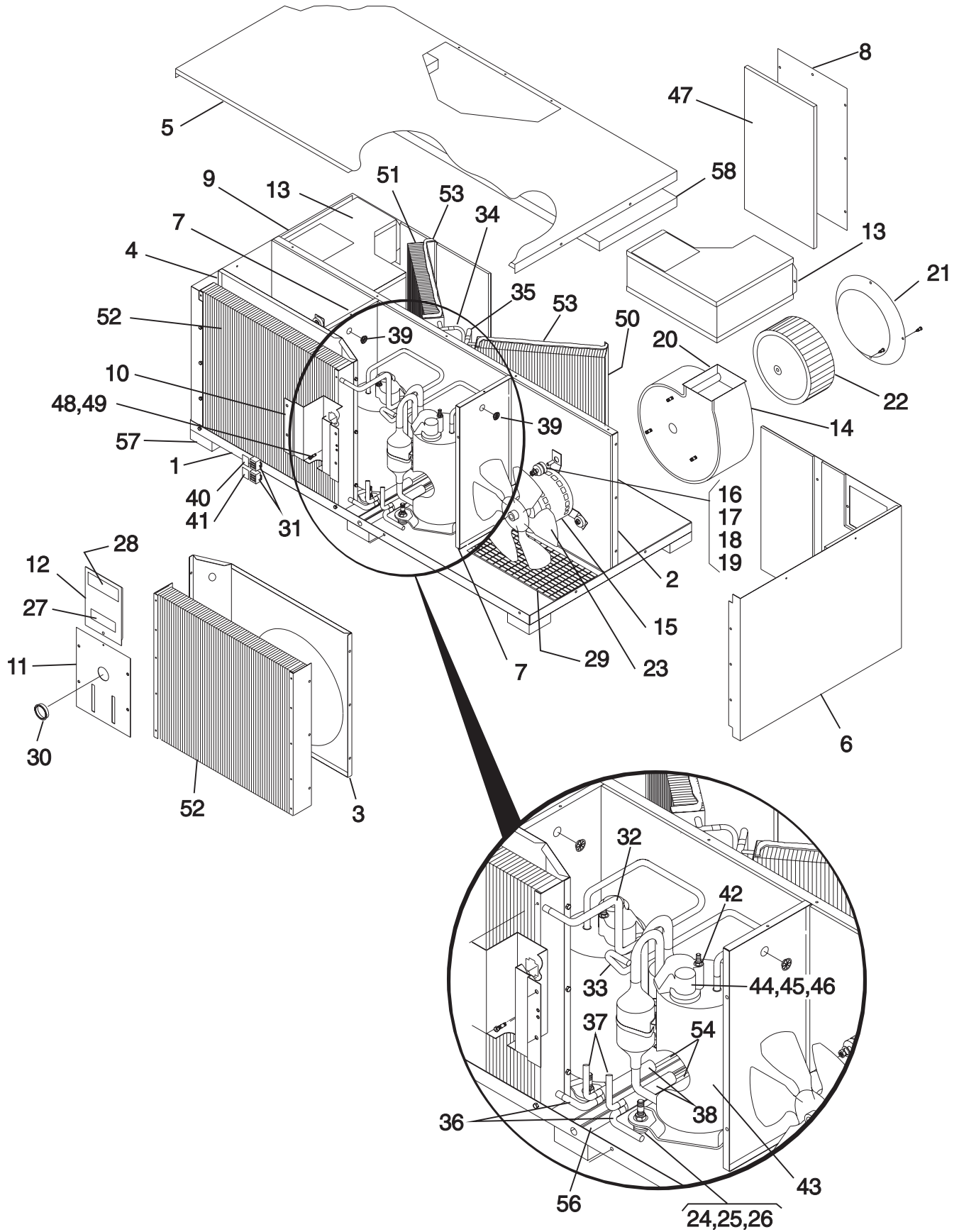
ALPHABETICAL INDEX

Breakdown	5
Specifications	3
Wiring Diagram	7

SPECIFICATIONS

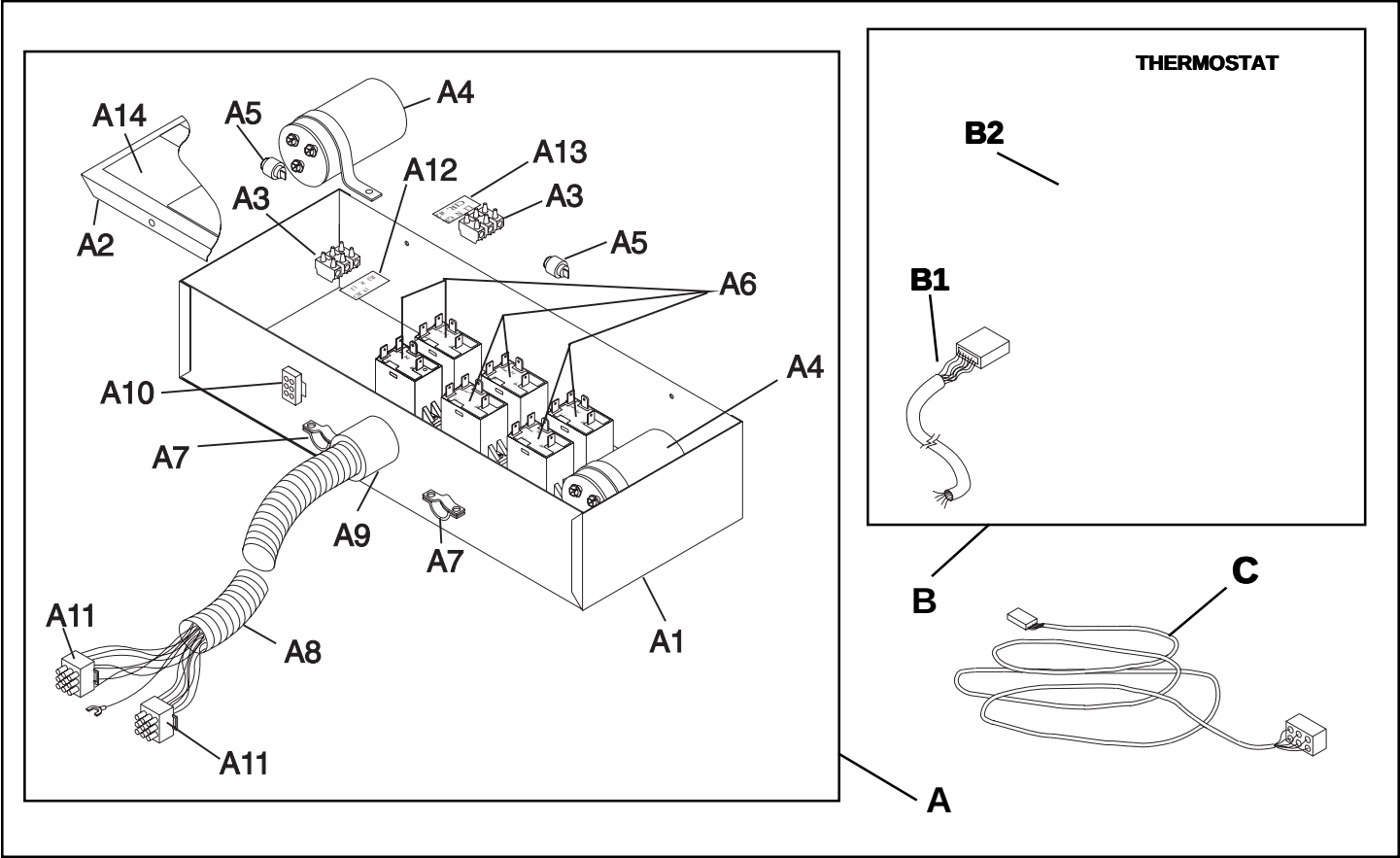
System Model		39224.601		
Nominal BTU Capacity		24,000		
Volts/Phase/Hertz (each circuit)		115 AC / 1 / 60		
Run Amps Comp/Motor		[Circuit 1 = 8.7/4.1]		[Circuit 2 = 8.7 /4.1]
LRA Compressor		[Circuit 1 = 54]		[Circuit 2 = 54]
Normal Min.	1 Unit	5.0 KW		
Generator Size **				
Wire Size		Up to 24 ft. - Use No. 12 AWG Copper Conductors		
Circuit Protection Each Circuit		15 Amp Time Delay Fuse or 15 Amp HACR Circuit Breaker		
Control Voltage		12V DC		
Refrigerant		R-22		
System Refrigerant Charge		22.5 oz. (each Circuit)		
Size (In Inches)		Width 44	Height 16.25	Depth 21
Installed Weight	180 Pounds			

** The Manufacturer gives only general guidelines for generator requirements. These generator requirements come from experiences consumers have with our equipment in field applications. When sizing the generator, the total electrical power must be taken into consideration. Keep in mind that generators lose power because of altitude increases above sea level , high outdoor temperatures and lack of maintenance.



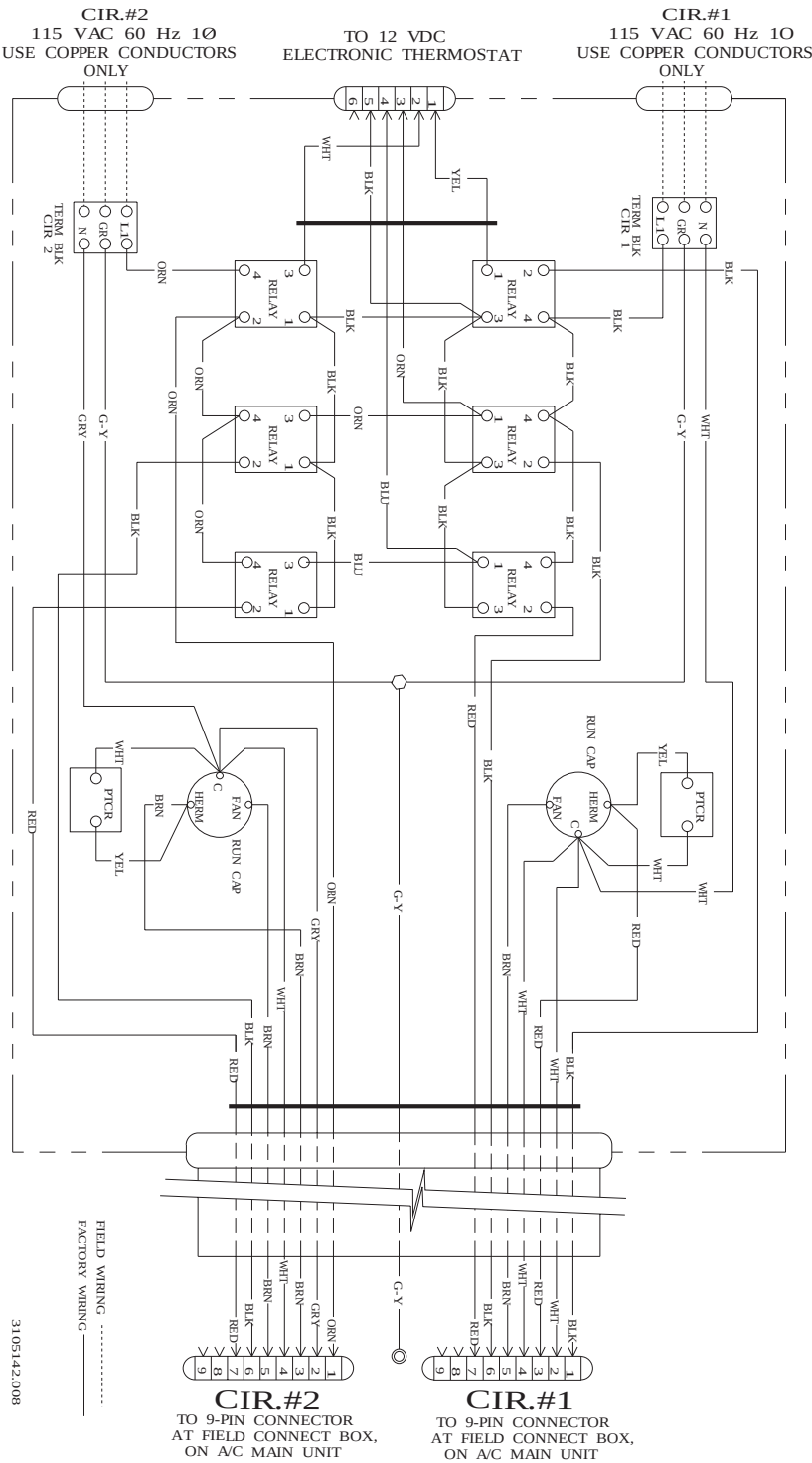
ITEM	DESCRIPTION	PART NUMBER
1	Pan kit, base	3108701.560
2	Bulkhead, evaporator kit	3108701.578
3	Bulkhead, condenser right	3105109.007
4	Bulkhead, condenser left	3105109.015
5	Cover, top	3105111.003
6	Panel, right end, kit	3108701.586
7	Panel, cond. close off (2 req.)	3105113.009
8	Panel, air inlet	3105114.007
9	Panel, left end, kit	3108701.594
10	Box, field connect	3105143.006
11	Panel, vent	3105110.005
12	Cover, field connect box	3105117.000
13	Weldment, duct (2 req.)	3105118.008
14	Housing, weldment blower (2 req.)	3104387.018
15	Motor, fan (2 req.)	3104915.008
16	Washer, flat (6 req.)	309513.017
17	Spacer, motor mount (6 req.)	308046.000
18	Grommet (6 req.)	3100230.022
19	Nut, flange (6 req.)	306342.003
20	Plate, cutoff (2 req.)	317746.000
21	Ring, blower inlet (2 req.)	309304.000
22	Wheel, blower (2 req.)	3103753.012
23	Blade, condenser fan (2 req.)	3105076.008
24	Nut, flange comp. (6 req.)	306342.002
25	Sleeve, comp. (6 req.)	3100239.056
26	Grommet, comp. (6 req.)	3100238.207
27	Decal, UAW/DIEL	316655.000
28	Decal, "Caution"	3100384.001
29	Guard, screen (2 req.)	3104287.002
30	Bushing	314420.009
31	Plug, female 9-pole (2 req.)	314471.003
32	Line, discharge, left	3105127.009
33	Line, discharge right	3105126.001
34	Line, suction left	3105131.001
35	Line, suction right	3105130.003
36	Line, liquid (2 req.)	3105128.007
37	Line, process (2 req.)	315761.082
38	Dryer, filter (2 req.)	3103882.001
39	Bushing, snap-in (2 req.)	311405.005
40	Decal, circuit (CIR #1)	3105351.005
41	Decal, circuit (CIR #2)	3105351.013
42	Nut, flange	306342.004
43	Compressor asm. (2 req.)	3108700.398
44	Cover, terminal (2 req.)	3103799.007
45	Gasket, cover (2 req.)	3103800.003
46	Overload (2 req.)	3100250.293
47	Insulation, foam	3105014.025
48	Washer, ground	306092.000
49	Screw, T ground 10-32x .719	314628.000
50	Coil, evaporator, right	3104859.008
51	Coil, evaporator left	3104859.016
52	Coil, condenser (2 req.)	3104860.006
53	Tape, foam (2) 15-1/2" pc.	311734.000
54	Tube, capillary (2 req.)	3100245.459
56	Channel, U .75 x .50 11 in. long	143371.001
57	Pad, vibration (6 req.)	3105159.002
58	Insulation, evaporator top	3105119.006
59	Foam blocks (3 req.)	3100587.009
60	Customer Option Required	3108701.602
	Kit, electric box (See Page 6, A-C)	3105385.003

CUSTOMER OPTION REQUIRED
PART NUMBER 3108701.602
KIT, ELECTRIC BOX (A THROUGH C)



A-C

ITEM	DESCRIPTION	PART NO.
A-C	Kit, Electrical Complete	3105385.003
A	Box assembly, electrical	3105232.007
A1	Control, electrical box	3105115.004
A2	Cover, electrical box	3105116.002
A3	Block, terminal (2 req.)	3102249.004
A4	Capacitor, Fan/Run	3100248.453
A5	Relay, PTCR (2 req)	3100876.006
A6	Relay, single-throw	3105074.003
A7	Connector cable	20010.000
A8	Tubing, liquid tight	3105343.002
A9	Connector, snap-in	3105344.000
A10	Cap. conn. housing 6-pole	314471.001
A11	Plug, mate 9-pole (2 req.)	314470.003
A12	Decal, circuit (CIR #1)	3105350.007
A13	Decal, circuit (CIR #2)	3105350.015
A14	Decal, field wiring	3105142.008
B	Thermostat assembly	3105386.001
B1	Cable, thermostat 6.5 in. ± .5 long	3105307.007
B2	Thermostat	3105134.005
C	Cable, 25 ft. thermostat	3105298.008



ELECTRICAL
BOX ASSEMBLY
WIRING DIAGRAM

