



WHEN ORDERING SPARE PARTS, ALWAYS STATE:

MODEL NO. - PRODUCT NO. - QUANTITY -

PART NUMBER - DESCRIPTION

FOR ELECTRIC DETAILS ALSO:

VOLTAGE - WATTAGE

USA

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

CANADA

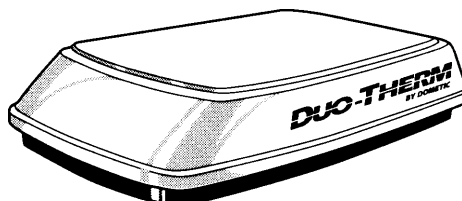
Dometic Dist.
866 Lings Dr.
Cambridge, Ontario
CANADA N3H 2N7

MODEL 630025.401

Roof-Top Heat Pump

used with

Air Distribution Box Kit



PARTS LIST

MODEL

630025.401

Product No. 991721735

Suffix C & D

[illegible]

ALPHABETICAL INDEX

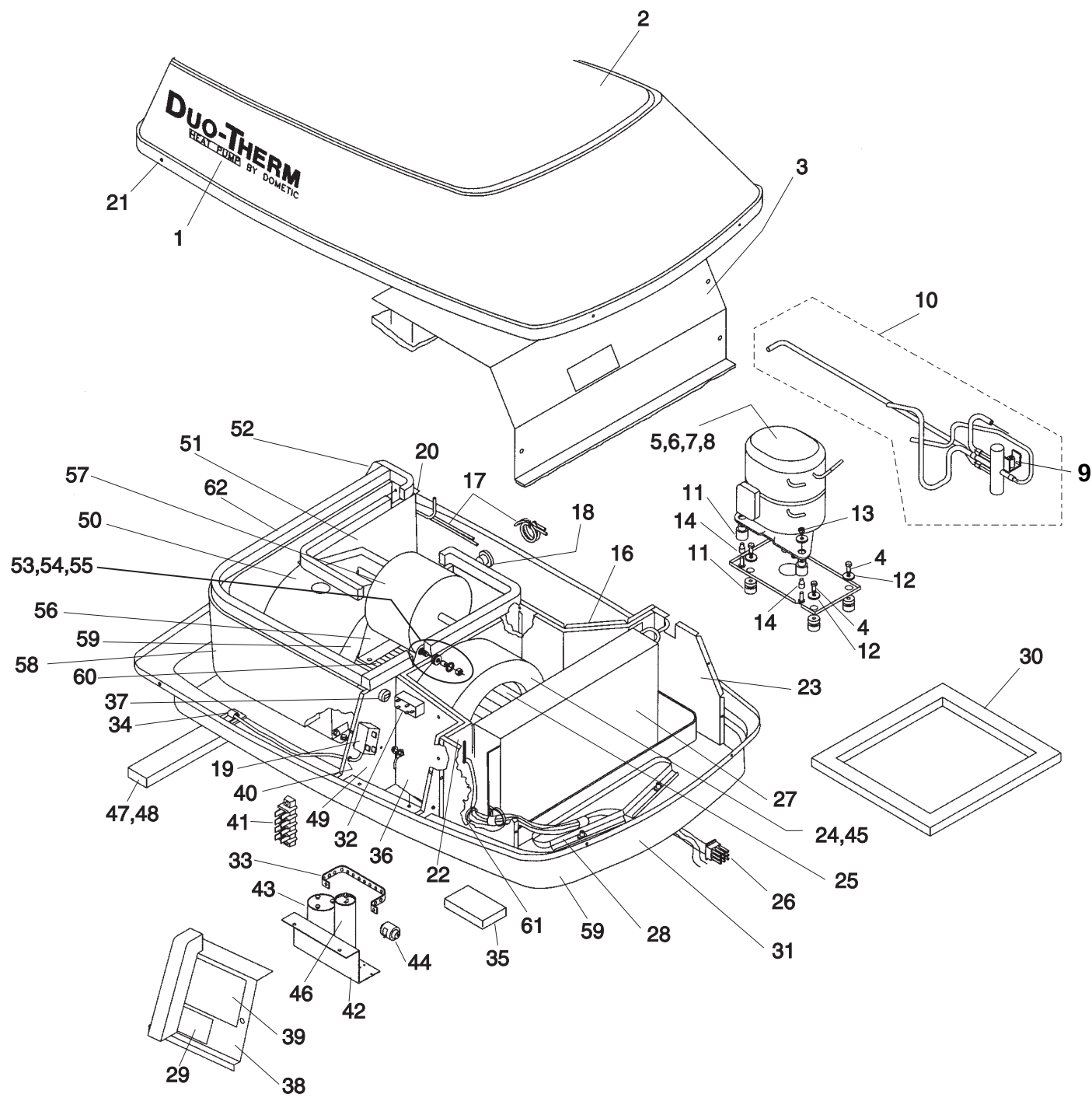
	Page	Index #
Air Box Asm.	6&7	A-D
Roof Mounted Assembly	5	1-62
Wiring Diagrams	8	

SPECIFICATIONS

MODEL NO.		630025.401
Nominal Capacity (BTU/HR)		Cooling=13,500/Heating=13,500
Electrical Rating		115 VAC, 60 Hz., 1 ph.
Compressor Rated Load Amps		11.0
Fan Motor Rated Load Amps		3.1
Compressor Locked Rotor Amps		50.0
Fan Motor Locked Rotor Amps		8.8
Power, Cooling (KW)		1.8
SCFM-High Speed Max./Min.		335/250
Refrigerant (R22) Oz.		19.5
Minimum Wire Size *		12 AWG Copper Up to 24 ft.
Circuit Protection		20 Amp Time Delay Fuse or HACR Circuit Breaker
Installed Weight (Pounds)		106
Minimum Generator	1 Unit	3.5 KW
Size **	2 Units	5.0 KW

- * For distances over 24 ft. consult the National Electrical Code.
- ** The Dometic Corporation gives **GENERAL** guidelines for generator requirements. These guidelines come from experiences people have had in actual applications. When sizing the generator, the total power usage of your recreational vehicle must be considered. Also keep in mind generators lose power at high altitudes and from lack of maintenance.

ROOF MOUNTED ASSEMBLY



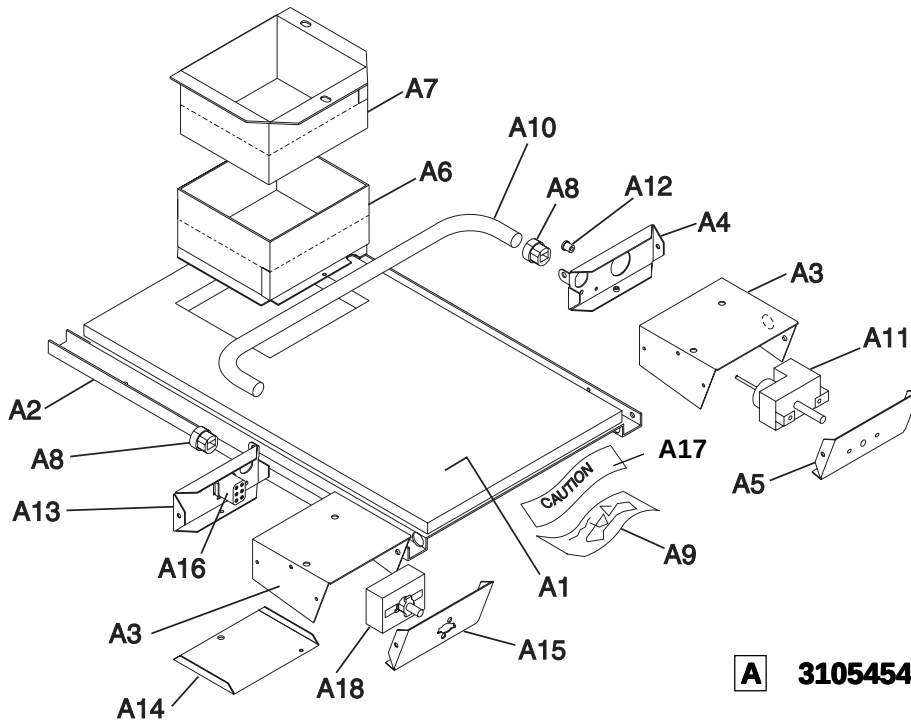
Index #	Description	630025.401 C&D	
1	Decal, Duo-Therm (2 req.)	3102888.009	
	Decal, Heat Pump by Dometic (2 req.)	3106381.001	
2	Shroud, less decals	See NOTE 1	
3	Evap. cover asm. with insulation	3102514.803	
4	Screw, M25-20 x .75 hw	312110.024	
5	Compressor Asm. (Tecumseh AK8513E)	3102863.002	
6	Cover, terminal	3102806.001	
7	Gasket, terminal	3102805.003	
8	Overload, protector	3100250.244	
9	Solenoid coil	3105504.009	
10	Valve, Rev. Weldment	3106042.017	
11	Grommet mtg. plate (7 req.)	3102324.005	
12	Washer, flat (4 req.)	309513.015	
13	Nut, flange (3 req.)	306342.002	
14	Sleeve, compressor (3 req.)	3100239.098	
15	Plate, compressor mtg.	3102590.043	
16	Bulkhead, compressor	3102511.049	
17	Capillary tubes (2 req.)	3100245.392	
18	Bushing, snap-in	301028.037	
19	Changeover t-stat, ht. pump	3105506.004	
20	Plate, close-off	3100256.001	
21	Screw, shroud (4 req.)	313685.002	
22	Insulation, evap. bulkhead	3102516.022	
23	Plate, evap. close-off		
	[Split and use (1) each side]	3102512.021	
24	Blower housing	3100300.007	
25	Wheel, evaporator (plastic)	3100385.008	
26	Plug, male, 9-pole	314470.003	
27	Coil, evaporator	3105970.002	
28	Bracket, front	3105495.000	
29	Decal, Caution	3100384.001	
30	Gasket, mounting 14 x 14	3100247.000	
31	Base pan	3103179.010	
32	Relay, 2-pole, 115V coil	3105974.004	
33	Strap, capacitor	317188.000	
34	Clip, nylon wire	3106032.000	
35	Foam block (2 req.)	3100587.009	
36	Bulkhead, elec. box	3102532.037	
37	Relief, strain	302994.017	
38	Cover, elec. box	3102510.009	
39	Decal, field wiring	3106223.005	
40	Bushing, snap-in	301028.040	
41	Block, terminal	3105886.000	
42	Panel, capacitor	3104412.006	
43	Capacitor, fan/run	3100248.453	
44	PTCR device	3100876.006	
45	Insulation, housing (not shown)	3100294.002	
46	Capacitor, start	3100236.219	
47	Gasket 10" x 1.5"	3100286.032	
48	Gasket 16" x 1.5" (not shown) (2 req.)	3100286.016	
49	Bulkhead, evaporator	3100254.055	
50	Blower scroll	3100260.003	
51	Blower, side/rear	3100261.001	
52	Foam tape, 1-1/4" x 3/4" x 69" (order by inches)	3102669.045	
53	Grommet, motor (4 req.)	3100230.022	
54	Spacer, motor (4 req.)	308046.000	
55	Nut, flange (4 req.)	306342.003	
56	Bracket, motor (2 req.)	3106187.002	
57	Motor, fan	3106200.011	
58	Coil, condenser	3106041.001	
59	Blower, side-front	3100259.005	
60	Wheel, blower condenser	3100274.004	
61	Strain relief	302994.011	
62	Foam tape, 1-1/4" x 1-1/4" x 35" order by inches)	3102669.029	
65	Air box asm., complete	See Page 6 & 7	
NOTE 1:	Models ending in .401	Use 3102515.008	Shell White
	Models ending in .401C	Use 3102515.024	Polar White
	Models ending in .401D	Use 3102515.032	Light Gray

3106152.006

Air Box Asm. Complete (A through E) Shell White

Item	Part No.	Description
A	3105454.015	Template Assembly, Ceiling
B	3101390.098	Air Box Assembly, Shell White
C	3108701.628	Parts Bag, Misc.
D	CUSTOMER OPTION — NOT REQUIRED	
D1	318556.000	Duct Ext., not shown
D2	3100895.006	Bolt kit, not shown

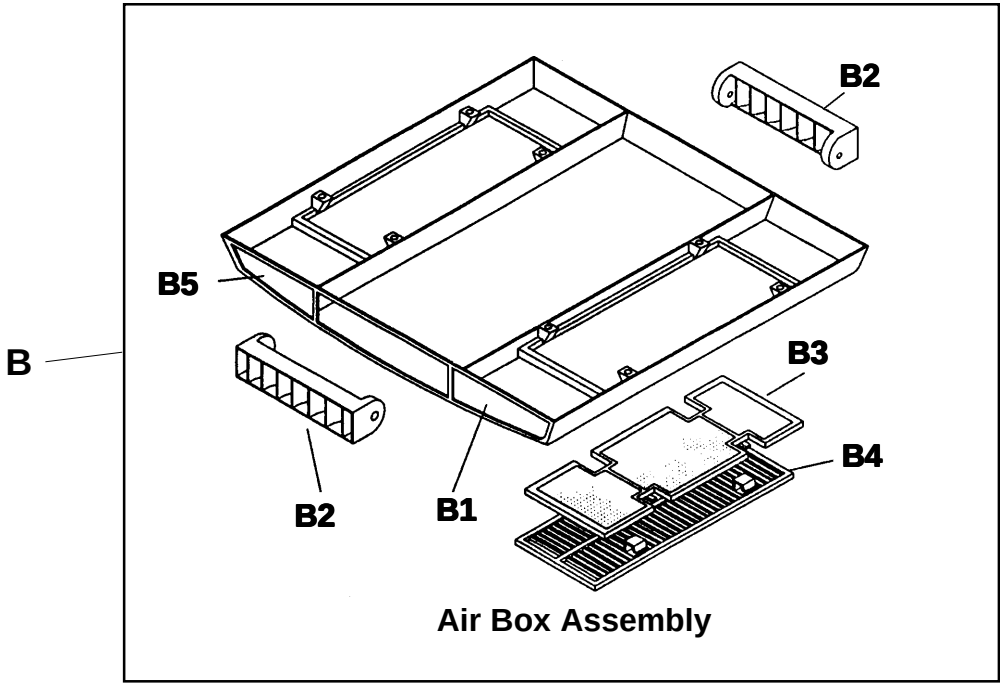
**3105454.015 TEMPLATE ASSEMBLY, CEILING
(A1 through A18)**



A 3105454.015 TEMPLATE, CEILING ASM.

Item #	Part No.	Description
A1	3100287.006	Insulation
A2	3100265.028	Template, ceiling
A3	3100275.001	Box, junction
A4	3100279.011	Box, back RH
A5	3100277.031	Box, front RH
A6	3100342.017	Duct extension, lower
A7	3100262.009	Duct extension, upper
A8	302994.017	Strain Relief (2 req.)
A9	3106220.001	Decal, field wiring
A10	318087.007	Sleeve, wire
A11	313620.001	Thermostat, heat-cool
A12	301028.040	Bushing, snap-in
A13	3100299.035	Box, back, LH
A14	3100278.013	Cover, junction box
A15	3105271.005	Box, front, LH
A16	314471.003	Plug, female, 9-pole
A17	3100384.001	Decal, Caution
A18	3100488.000	Switch, rotary

AIR DISTRIBUTION BOX

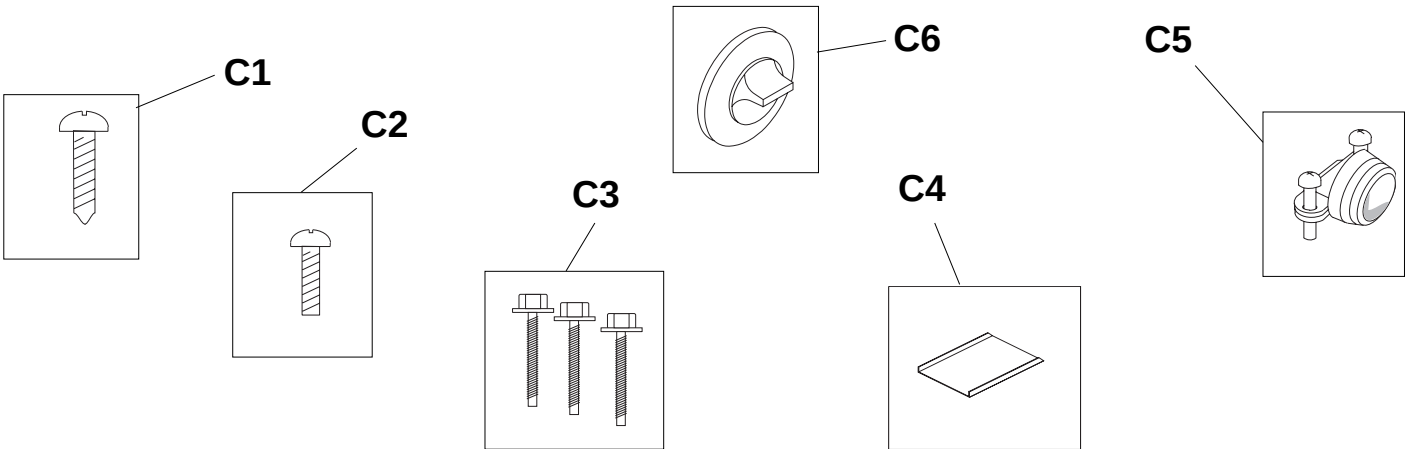


B 3101390.098 AIR BOX ASSEMBLY, COMPLETE (B1 through B5)

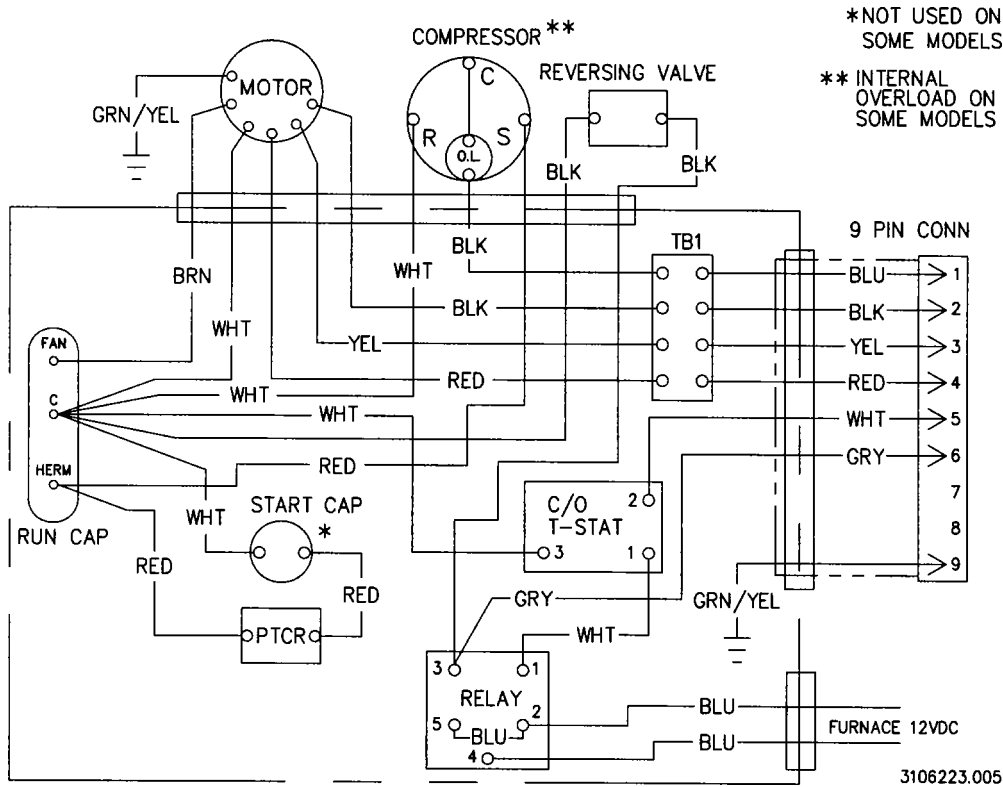
Item	Part No.	Description
B1	3106219.003	Decal, t-stat, RH
B2	3100289.002	Louver assembly (2 req.)
B3	3100281.009	Filter, air (2 req.)
B4	3100270.002	Grill, return air (2 req.)
B5	3106221.009	Decal, rotary switch LH

C 3108701.628 PARTS BAG, MISCELLANEOUS

C1	312096.015	Screw, 10-16X .5	(6 req.)
C2	312194.008	Screw, 8-32X .38	(3 req.)
C3	3100375.058	Screw, 1/4-20X 7	(3 req.)
C4	3100278.013	Cover, junction box	
C5	20010.000	Connector, cable	
C6	3106121.001	Knob (2 req.)	



WIRING DIAGRAM ROOF MOUNTED ASSEMBLY



WIRING DIAGRAM AIR BOX

115 VAC
60 HZ 1 PH
USE COPPER
CONDUCTORS
ONLY

--- FIELD WIRING
--- FACTORY WIRING
● LINE SPLICE

