



WHEN ORDERING SPARE PARTS, ALWAYS STATE:

MODEL NO. - PRODUCT NO. - QUANTITY -

PART NUMBER - DESCRIPTION

FOR ELECTRIC DETAILS ALSO:

VOLTAGE - WATTAGE

MODEL 630035.421

Roof-Top Heat Pump

used with

Air Distribution Box Kit

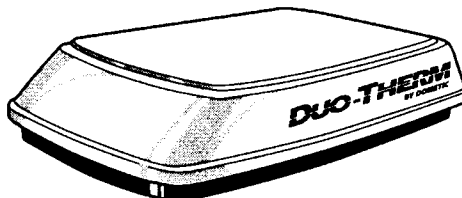
USA

SERVICE OFFICE
The Dometic Corp.
509 So. Poplar St.
LaGrange, IN 46761
219-463-4858

CANADA

Dometic Dist.
866 Langs Dr.
Cambridge, Ontario
CANADA N3H 2N7
519-653-4390

**For Service Center
Assistance Call:**
800-544-4881



PARTS LIST

MODEL
630035.421
Product No. 991721739
Suffix C & D

[illegible]

ALPHABETICAL INDEX

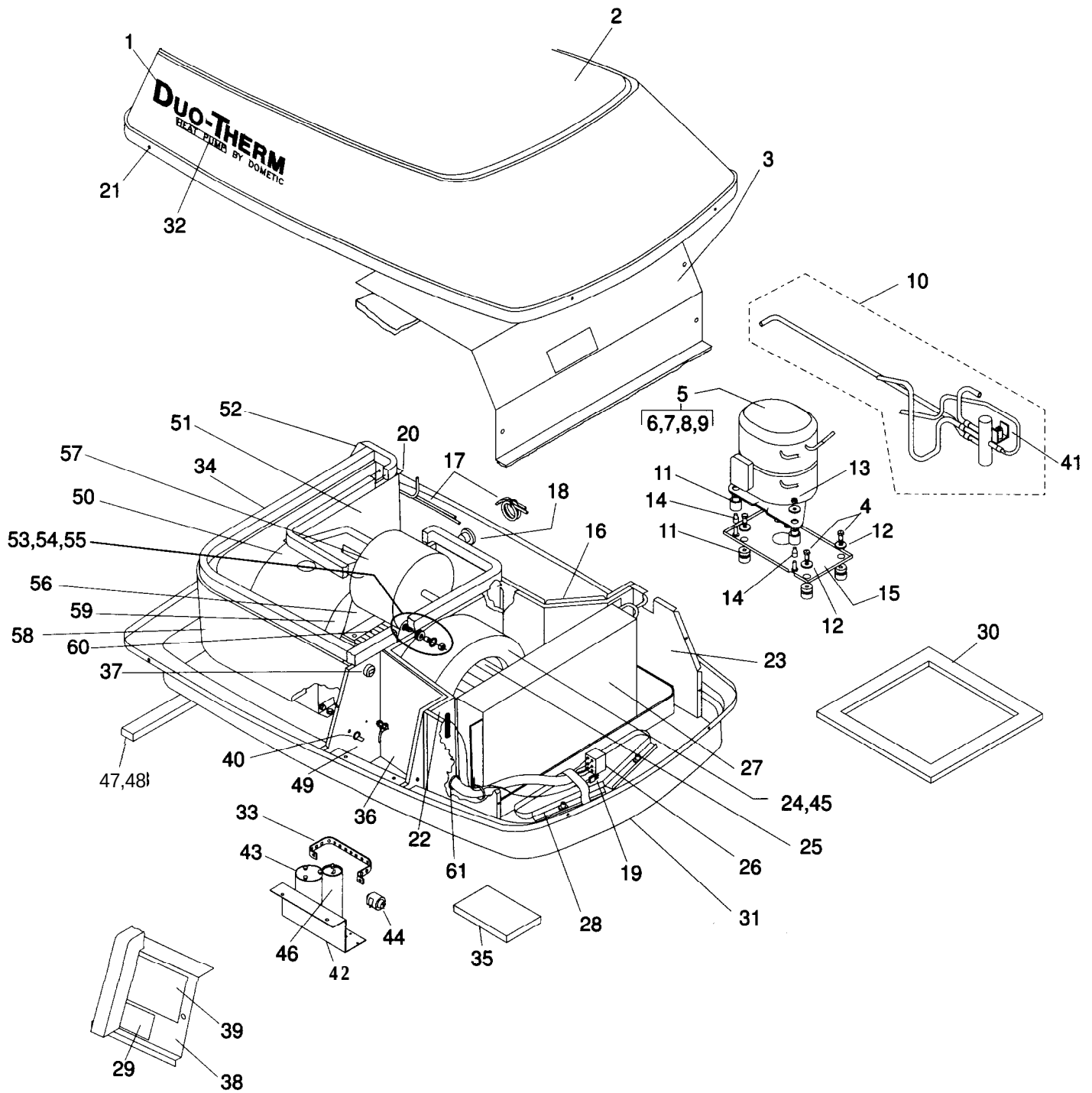
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SPECIFICATIONS

MODEL NO.	638935.421
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 Size • *	1 Unit 3.5 KW 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



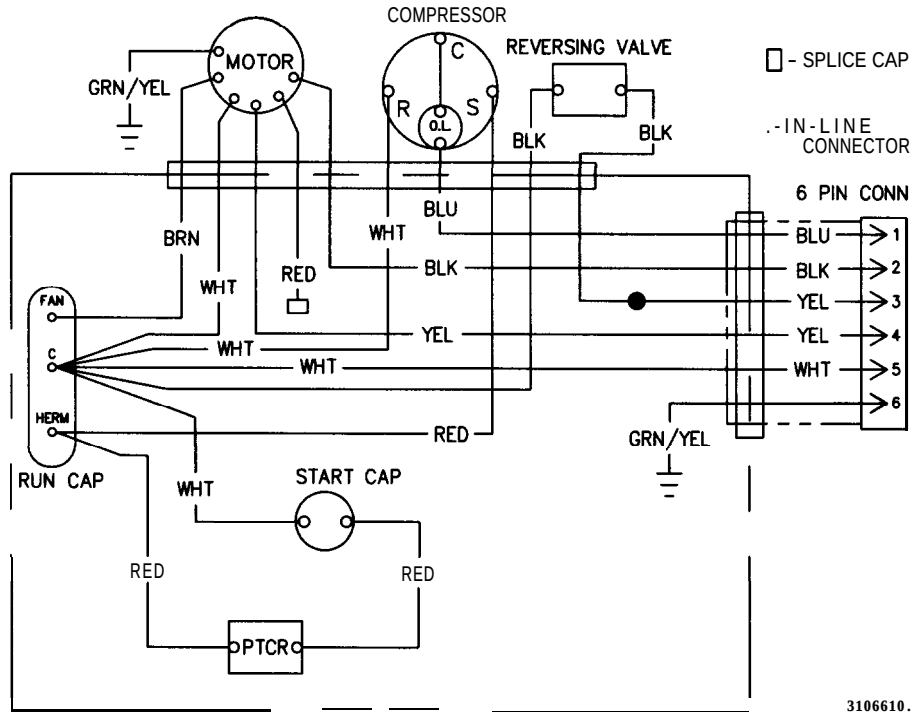
Index #	Description	636635.421 C&D
1	Decal, Duo-Therm (2 req.)	3102888.009
2	Shroud, less decals	See NOTE 1
3	Evap. cover asm. with insulation	3102514.803
4	Screw, M25-20 x .75 hw (4 req.)	312110.024
5	Compressor Asm. (Tecumseh AK851 3E)	3102863.002
6	Cover, terminal	3102806.001
7	Gasket, terminal	3102805.003
8	Overload, protector	3100250.244
9	Plate	3102593.005
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	Sensor, ambient	3106483.021
20	Plate, close-off	3106143.005
21	Screw, shroud (4 req.)	313685.001
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	Control, cable kit	3108703.327
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	Decal, Heat Pump (2 req.)	3106381.001
33	Strap, capacitor	317188.000
34	Foam tape 1-1/4" x 1-1/4x 35	3102669.029
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	3106610.003
40	Bushing, snap-in	301028.040
41	Solenoid, reversing valve	3105504.009
42	Panel, capacitor	3104412.006
43	Capacitor, fan/run	3100248.453
44	PTCR device	3100876.006
45	Insulation, housing (not shown)	3100294.002
48	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	3108702.372
58	Coil, condenser	3106041.001
59	Blower, side-front	3100259.005
60	Wheel, blowercondenser	3100386.006
61	Strain relief	302994.011

NOTE 1: Models ending in .401	Use 3102515.008	Shell White
Models ending in .401 C	Use 3102515.024	Polar White
Models ending in .401 D	Use 3102515.032	Light Gray

CUSTOMER OPTIONS

Description	Central Duct	Air Box
Comfort Control Center (1) Req. per A/C Unit	3106463.007	3106463.007
Electronic Control Kit	3106481.009	— — — —
Return Air Grill		
Shell White	3105007.003	— — — —
Polar White	3105007.011	— — — —
Gray	3105007.029	— — — —
Return Air Grill - Quick Cool		
Shell White	3105935.005	— — — —
Polar White	3105935.013	— — — —
Air Box		
Shell White	- - - -	31 06575.008
Polar White	- - - -	31 06575.016
Electric Heat Kit	- - - -	3101121.030
Remote Sensor	3106486.008	3106486.008

WIRING DIAGRAM ROOF MOUNTED ASSEMBLY



WIRING DIAGRAM ELECTRONIC CONTROL KIT

