



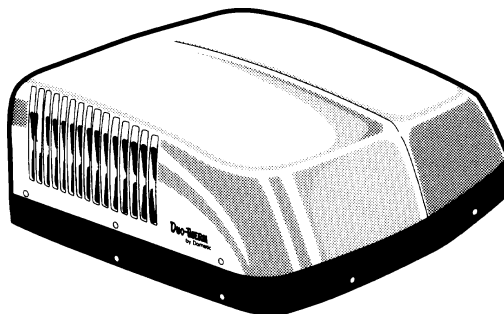
WHEN ORDERING SPARE PARTS, ALWAYS STATE:

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

MODEL 59116.501 Roof-Top Heat Pump

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

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



**THIS UNIT IS DESIGNED FOR OEM INSTALLATION
ALL INITIAL INSTALLATIONS MUST BE APPROVED BY THE
SALES DEPT.**

Includes C & D Suffix

PARTS LIST

**MODEL
59116.501**

Product No. 991730632

[illegible]

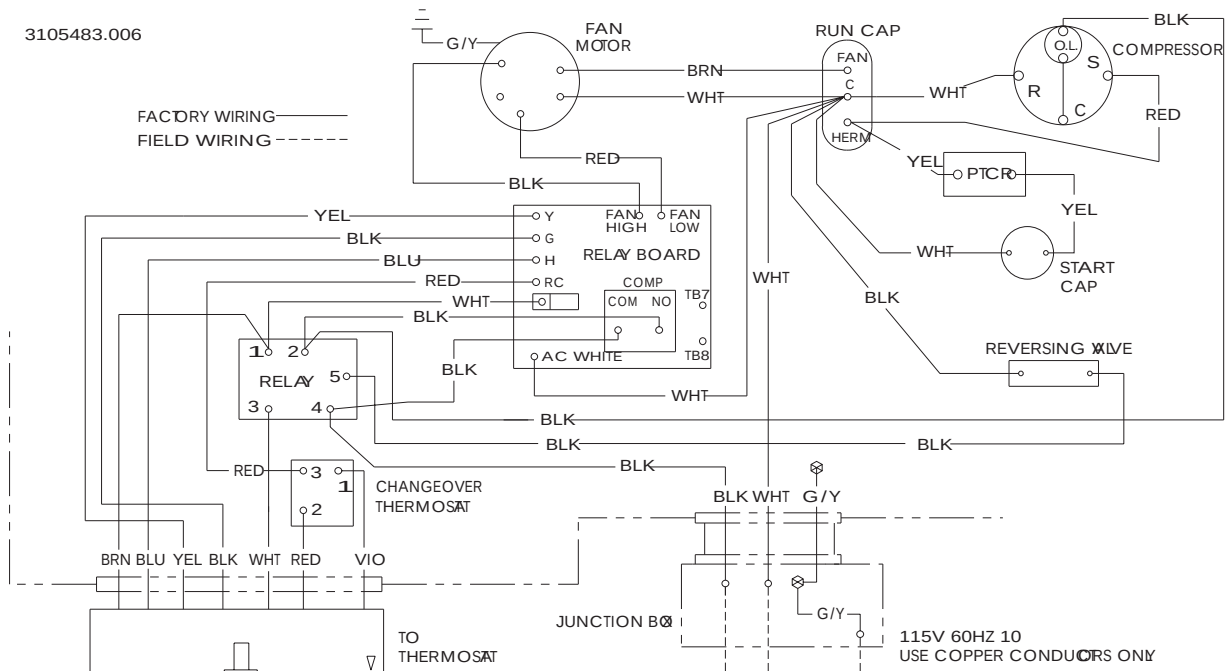
SPECIFICATIONS

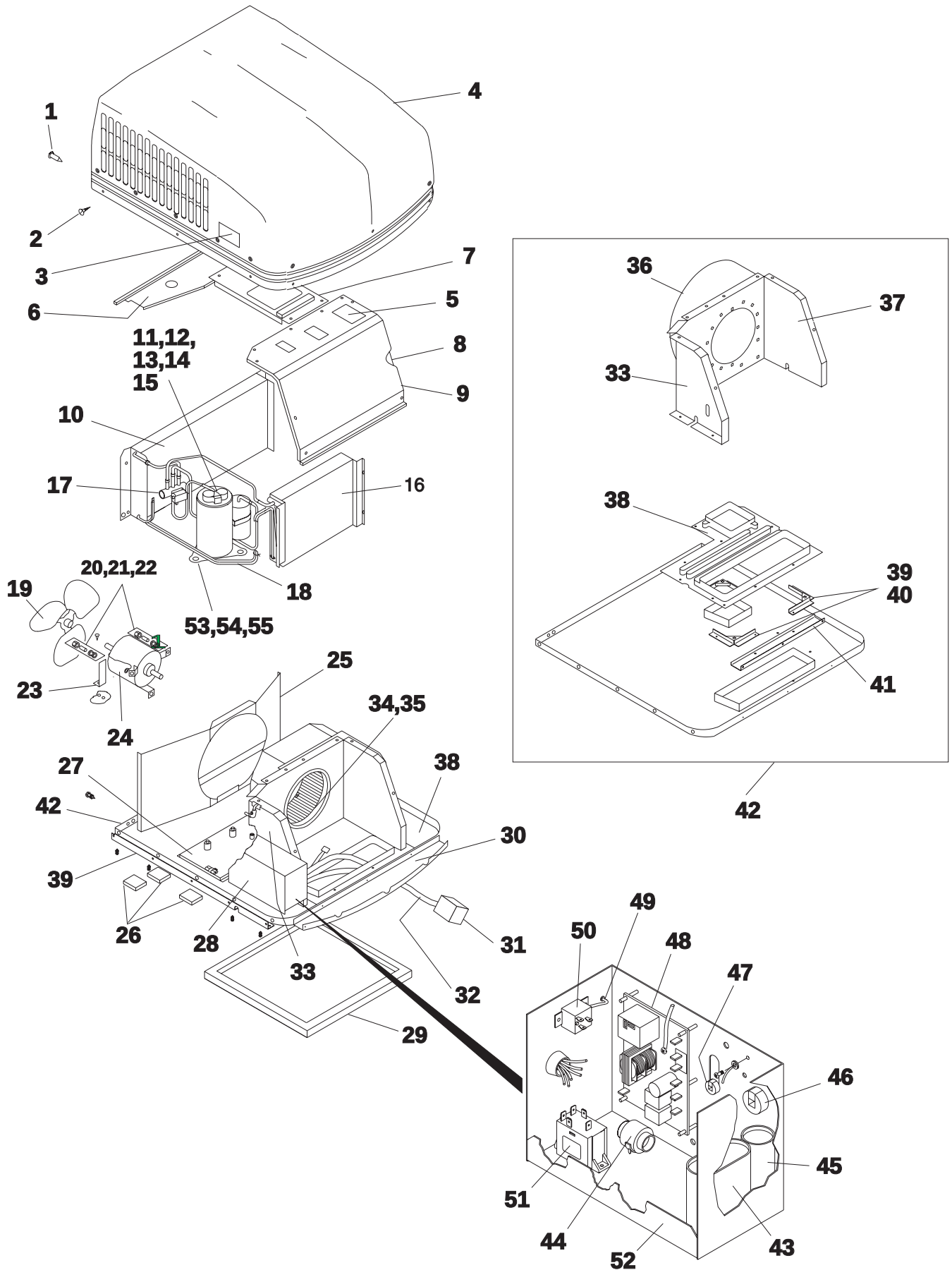
MODEL NO.	59116.501
Nominal Capacity (BTU/HR)	Cooling =15,000/Heating = 14,000
Electrical Rating	115 VAC, 60 Hz., 1 PH.
Compressor Rated Load Amps	12.9
Fan Motor Rated Load Amps	4.0
Compressor Locked Rotor Amps	71.0
Fan Motor Locked Rotor Amps	12.8
Power, Cooling (KW)	1.8
SCFM-High Speed Max./Min.	450/300
Total Static – Min./Max.	.40/1.10" W.C.
Refrigerant (R22) oz.	34.5
Minimum Wire Size *	12 AWG Copper Up to 24 ft.
Circuit Protection	20 Amp Time Delay Fuse or HACR Circuit Breaker
Installed Weight (Pounds)	100
Minimum Generator	1 Unit
Size **	2 Units
	3.5 KW
	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.

WIRING DIAGRAM





Index #	Description	Part No.
1	Screw, shoulder (2 req.)	3102834.003
2	Screw, shroud (12 req.)	313685.002
3	Decal, shroud (2 req.)	See NOTE 1
4	Shroud	See NOTE 2
5	Decal, field wiring	3105483.006
6	Cover, condenser	309383.000
7	Bulkhead brace	3100357.023
8	Insulation, evap. cover	317797.001
9	Cover, evaporator	314885.002
10	Coil, condenser	3105521.003
11	Compressor asm.	3104616.002
12	Cover, terminal	3102548.009
13	Gasket, terminal	3102549.007
14	Nut, terminal cover	3102550.005
15	Gasket, nut	3102551.003
16	Coil, evaporator	3105520.005
17	Valve, weldment reversing	3105566.008
18	Tube, capillary (2 req.)	3100245.467
19	Fan blade, plastic	317937.000
20	Grommet, motor (4 req.)	3100230.022
21	Spacer, motor (4 req.)	308046.000
22	Nut, flange, motor (4 req.)	306342.003
23	Spacer, motor (4 req.)	3108700.067
24	Motor, fan	3108701.701
25	Bulkhead, condenser	317923.001
26	Foam blocks (7 req.)	3100587.009
27	Plate, compressor mounting	3103755.009
28	Cover, elec box	3103638.007
29	Gasket 14" x 14"	3100247.000
30	Channel, front	3102811.001
31	Box, junction	3101316.010
32	Sleeving wire	318087.006
33	Insulation (3pc set)	3104152.008
34	Blower inlet ring	309304.000
35	Wheel, blower	3103753.012
36	Housing, weld blower	3100865.009
37	Bulkhead, evaporator	3100831.068
38	Pan, drain	See NOTE 3
39	Bracket, mounting (3 req.)	See NOTE 3
40	Nut w/mounting clip (3 req.)	3100280.027
41	Brace, front	See NOTE 3
42	Pan, base (See NOTE 3)	3108700.323
43	Capacitor/run	3100248.446
44	PTCR device	3100876.006
45	Cap/start	3100236.169
46	Strain relief	302994.017
47	Strain relief	302994.006
48	Board relay	3104757.004
49	Bushing, snap-in	301028.040
50	Changeover, t-stat H/P	3105506.004
51	Relay SPDT	3105075.000
52	Box, electric	3104904.010
53	Grommet, compressor (3 req.)	3100238.207
54	Nut, flange 5/16-18 (3 req)	306342.002
55	Sleeve, compressor (3 req.)	3100239.056
56	Customer Option	
	Thermostat, bimetal asm.	3105622.009
	Thermostat, electronic asm.	3105621.001

NOTE 1:

Decal, Shroud, Heat Pump (2 req.) 3105502.003
Decal not used on model with Suffix "D"

NOTE 2: Shroud Part Numbers

No Suffix letter	Shell White	3103144.006
With Suffix letter C	Polar White	3103147.009
With Suffix letter D	Gray	3103148.007

NOTE 3:

Not Available as Individual Part
Order Base Pan Kit No. 3108700.323
Kit Includes Items 33, 36, 37, 38, 39, 40, 41, 42