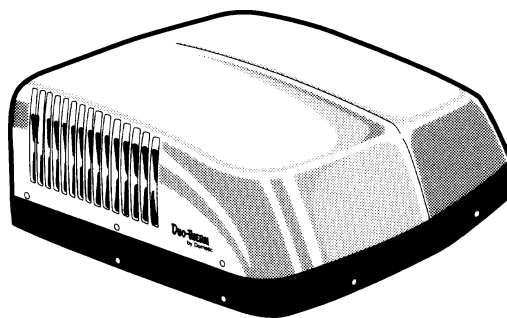


Duo-THERM[®]
by Dometic

WHEN ORDERING SPARE PARTS, ALWAYS STATE:

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

MODULARIZED **BRISKAIR** Roof-Top Air Conditioner



Includes C & D Suffix

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

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

**For Technical
Assistance Call:**
800-544-4881

PARTS LIST

MODEL
57908.521

Product No. 991731660
Includes C & D Suffix

REVISION
Form No. 3106449.022 7/97
(Replaces 3106449.014)
©1997 The Dometic Corp.
LaGrange, IN 46761

NOTES:

[illegible]

ALPHABETICAL INDEX

Customer Options
Roof Mounted Assembly
Specifications
Wiring Diagram

Page
5
5
3
3

Index No.
—
1 - 53
—

SPECIFICATIONS

Electronic Control Kit #3104999.002/3104999.010
Bi-Metal Relay Control Kit #3104998.004

MODEL NO.	57908.521
Nominal Capacity (BTU/HR)	7,100
Electrical Rating	115 VAC, 60 Hz., 1 ph.
Compressor Rated Load Amps	6.6
Fan Motor Rated Load Amps	2.5
Compressor Locked Rotor Amps	34.0
Fan Motor Locked Rotor Amps	5.8
Input Watts, Cooling	950
SCFM-High Speed Max./Min.	325 / 250
Total Static - Min./Max.	0/55/0.90" WC
Refrigerant (R22) Oz.	17.0
Minimum Wire Size *** AC	12 AWG Copper Up to 24 ft.
AC Circuit Protection (User Supplied)	20 Amp Time Delay Fuse or HACR Circuit Breaker
DC Circuit Protection (User Supplied)	Installation must comply with the National Electrical Code, the Canadian Electrical Code and any State or Local Codes and Regulations.
Installed Weight (Pounds)	75
Minimum Generator Size **	1 Unit 2.5 KW 2 Units 4.0 KW

SPECIFICATIONS

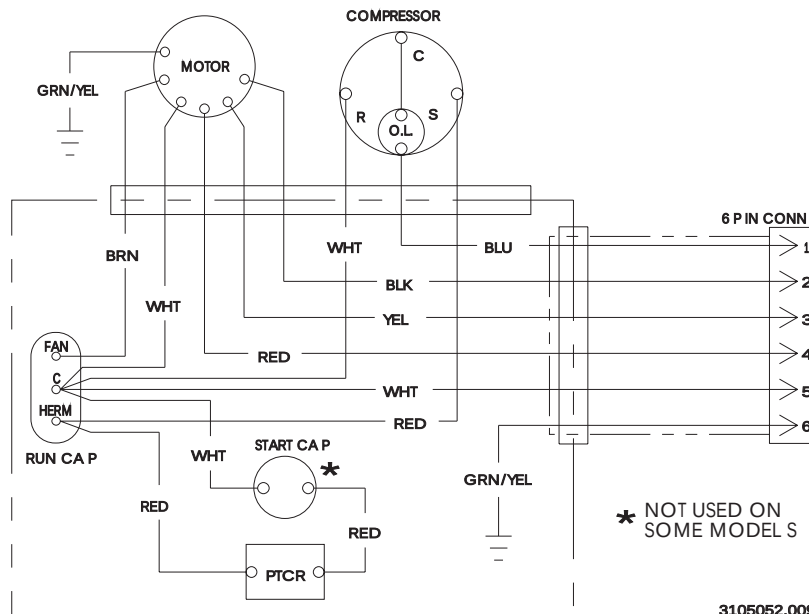
Bi-Metal Air Distribution Box Kit #3105637.007/3105637.015
Manual Air Distribution Box Kit #3105023.000/3105023.018

MODEL NO.	57908.521
Nominal Capacity (BTU/HR)	7,100
Electrical Rating	115 VAC, 60 Hz., 1 ph.
Compressor Rated Load Amps	6.6
Fan Motor Rated Load Amps	2.5
Compressor Locked Rotor Amps	34.0
Fan Motor Locked Rotor Amps	5.8
Heater Amps/ Watts@120VAC	12.7/1530
Input Watts, Cooling	950
Input Watts, Heating	1800 @ 120 VAC
Refrigerant (R22) Oz.	17.0
Minimum Wire Size *** AC	12 AWG Copper Up to 24 ft.
AC Circuit Protection (User Supplied)	20 Amp Time Delay Fuse or HACR Circuit Breaker
Installed Weight (Pounds)	75
Minimum Generator Size **	1 Unit 2.5 KW 2 Units 4.0 KW

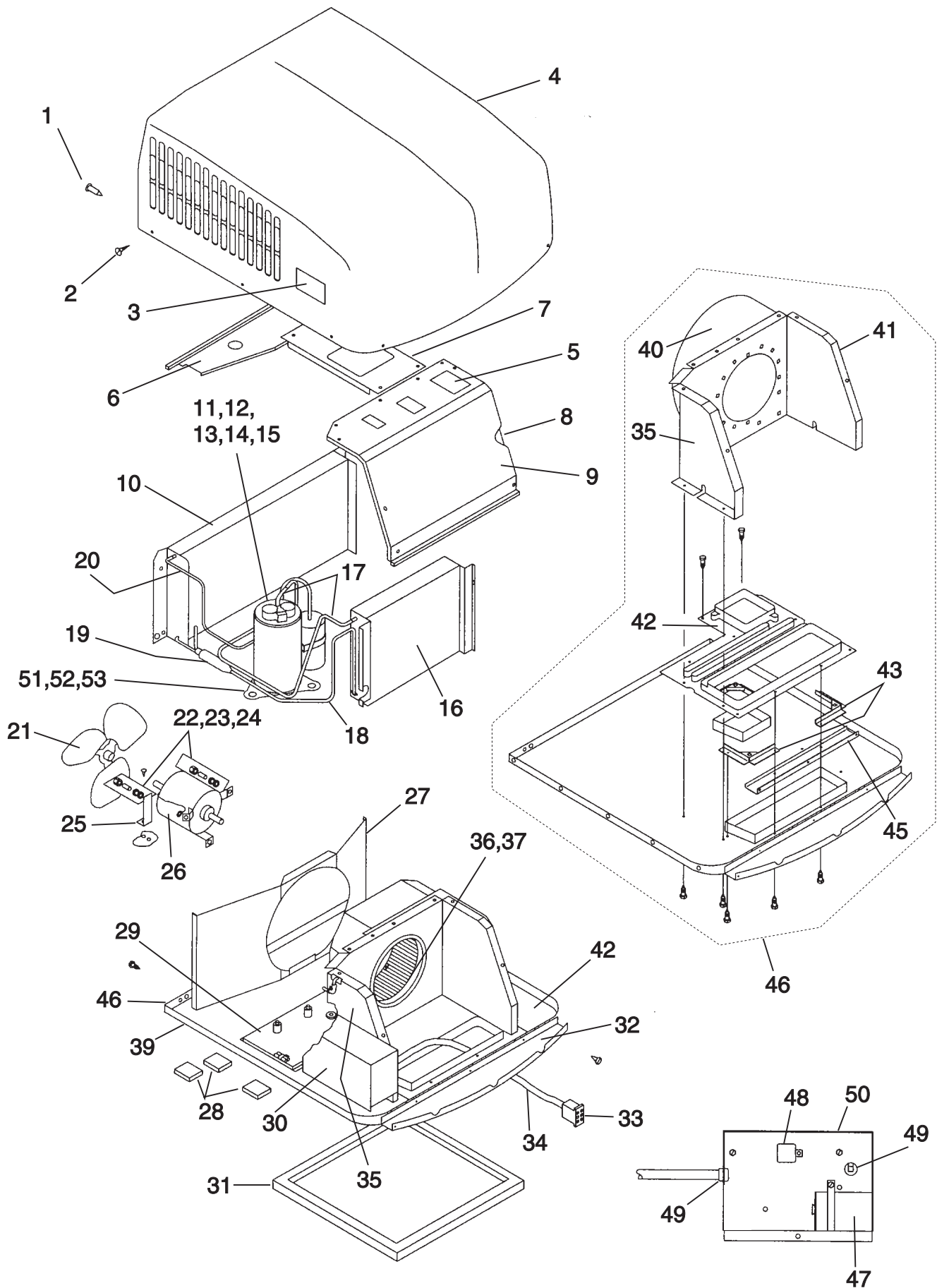
*** For distances over 24 ft. consult the National Electrical Code.

** 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.

UPPER UNIT FIELD WIRING DIAGRAM



3105052.009



MODEL 57908.521 C & D ROOF MOUNTED ASSEMBLY

Index #	Description	Part No.
1	Screw, shoulder (2 req.)	3102834.003
2	Screw, shroud (8 req.)	313685.001
3	Decal, shroud	See NOTE 2
4	Shroud	See NOTE 1
5	Decal, field wiring	3105052.009
6	Cover, condenser	309383.000
7	Bulkhead brace	3100357.023
8	Insulation, evap. cover	317797.001
9	Cover, evaporator	3102773.003
10	Coil, condenser	3102766.015
11	Compressor asm. (Matsushita 2R10B3R126-SB)	3106154.002
12	Cover, terminal	3105581.007
13	Gasket, terminal	3102549.007
14	Overload	3100250.327
15	Nut, flange	306342.005
16	Coil, evaporator	3105061.000
17	Line, suction	3102775.016
18	Tube, capillary	3100245.061
19	Filter drier	3103882.001
20	Line, discharge	3106163.011
21	Fan blade	3102779.000
22	Grommet, motor (4 req.)	3100230.022
23	Spacer, motor (4 req.)	308046.002
24	Nut, flange, motor (4 req.)	306342.003
25	Support, motor	3108700.067
26	Motor, fan	3108701.365
27	Bulkhead, condenser	3102771.007
28	Foam blocks (7 req.)	3100587.009
29	Plate, compressor	3107478.004
30	Cover, elec. box	3100828.007
31	Gasket, 14 x 14	3100247.000
32	Channel, front	3102811.001
33	Plug, connection	314470.001
34	Sleeving, wire	318087.003
35	Insulation (3 piece set)	316109.001
36	Blower inlet ring	303692.000
37	Wheel, blower	3102780.008
40	Housing, weld, blower	3102782.012
41	Bulkhead, evaporator	3102772.021
42	Drain, pan	See Note 3
43	Bracket, mounting (3 req.)	See Note 3
45	Brace, front	See Note 3
46	Pan, base (See Note 3)	3108700.315
47	Capacitor, fan (run)	3100248.339
48	PTCR device	3100876.022
49	Strain, relief (2 req.)	302994.017
50	Box, elec.	3100827.058
51	Sleeve, compressor (3 req.)	3100239.155
52	Grommet, compressor (3 req.)	3100238.215
53	Nut, flange, compressor (3 req.)	306342.002

NOTE 1: (Shroud Part Numbers)

Model No.	Shroud No.
57908.521	3103139.006 (S. Wht.)
57908.521C	3103142.000 (P. Wht.)
57908.521D	3103143.008 (Lt. Gry)

NOTE 2:

Use decal (2 required) Part No.3101380.008.
NOT used on Models with suffix C or D.

NOTE 3:

Not available as individual part.
Order Base Pan Kit Number 3108700.315.
Kit includes Items 35, 39, 40, 41, 42, 43, 45
& 46.

* CUSTOMER OPTIONS - Required:

Air box, complt SW w/manual controls	3105023.000
Air box, cmplt PW w/manual controls	3105023.018
Electronic kit w/gas heat	3104999.002
Electronic kit w/o gas heat	3104999.010
Control kit, analog cool only	3107541.009
Control kit, analog heat strip	3107541.017
Air box complt. SW	3107210.001
Air box complt. PW	3107210.019

***See individual parts list
for each Option**