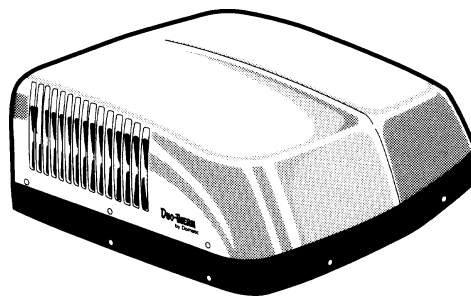


Duo-THERM®
by Dometic

When ordering parts, always state:
MODEL NO. - PRODUCT NO. - QUANTITY -
PART NUMBER - DESCRIPTION

For Electric Details also state:
VOLTAGE - WATTAGE

MODULARIZED **BRISKAIR** Roof-Top Air Conditioner



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

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

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

PARTS LIST

REVISION

Form No. 3107455.036 7/97
(Replaces 3107455.028)
©1996 The Dometic Corp.
LaGrange, IN 46761

MODELS

57912.622, C & D
Product No. 991731652

57915.422, C & D
Product No. 991731646

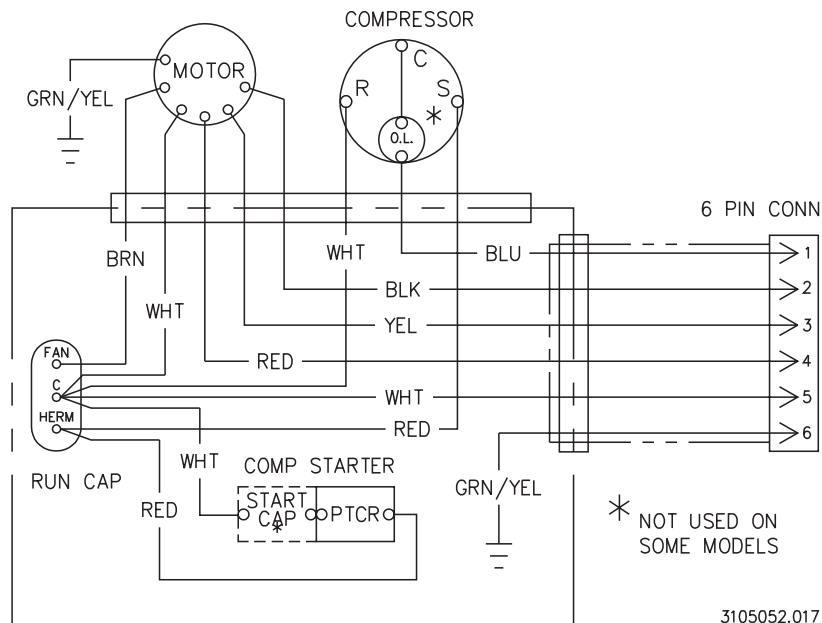
57915.522, C & D
Product No. 991731647

57915.622, C & D
Product No. 991731648

ALPHABETICAL INDEX

	Page	Index No.
Customer Options	5	—
Roof Mounted Assembly	5	1-59
Wiring Diagram		
Upper unit, field	2	—

UPPER UNIT FIELD WIRING DIAGRAM



SPECIFICATIONS

Air Distribution Box Kit #3105023.000, 3105023.018, 3107206.009, 3107206.017

MODEL NO.	57912.622	57915.422	57915.522	57915.622
Nominal Capacity (BTU/HR) *	11,000	13,500	13,500	13,500
Electrical Rating	115 VAC, 60 Hz., 1 ph.			
Compressor Rated Load Amps	8.5	11.5	12.1	11.0
Fan Motor Rated Load Amps	2.5	2.5	2.5	2.5
Compressor Locked Rotor Amps	48.3	50.0	59.0	54.4
Fan Motor Locked Rotor Amps	5.8	5.8	5.8	5.8
Heater Amps./Watts @ 120 VAC	12.7 Amps. / 1530 Watts; @ 120 VAC			
Refrigerant R22 Charge (Oz.)	18.5	14.5	16.5	16.5
Minimum Wire Size **	12 AWG Copper Up to 24 ft.			
Circuit Protection	20 Amp Time Delay Fuse or 20 Amp HACR Circuit Breaker			
Installed Weight (Pounds)	93	100	95	95
Minimum Generator	1 Unit	2.5 KW	3.5 KW	
Size ***	2 Units	4.0 KW	5.0 KW	

* Maximum Unit Performance achieved at full rated voltage.

** 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.

SPECIFICATIONS

Electronic Control Kit #3106481.009

Bi-Metal Relay Control Kit #3104998.004

Air Distribution Box, w/Bi-Metal Wall Thermostat (SW) #3105637.007

Air Distribution Box, w/Bi-Metal Wall Thermostat (PW) #3105637.015

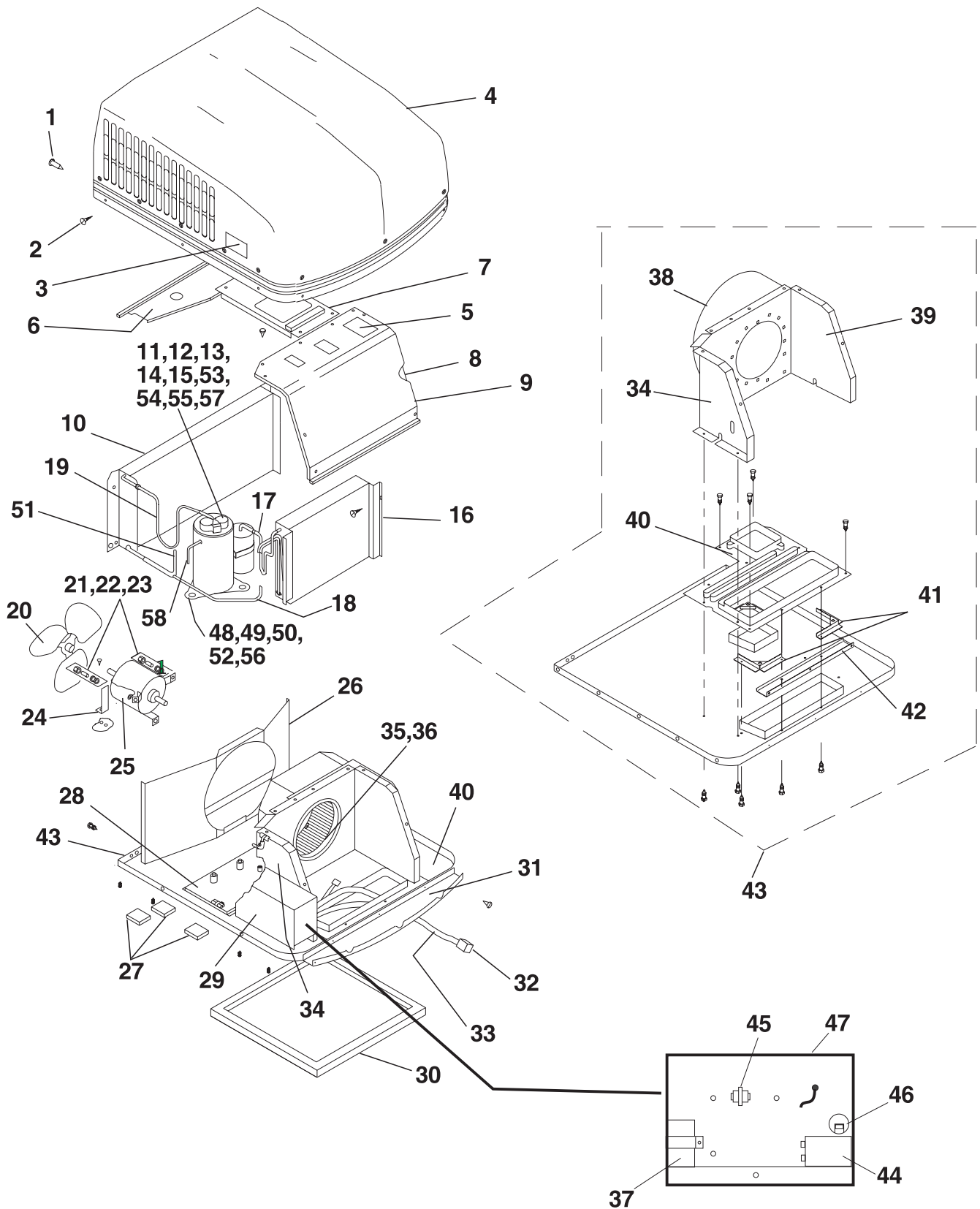
MODEL NO.	57912.622	57915.422	57915.522	57915.622
Nominal Capacity (BTU/HR) *	11,000	13,500	13,500	13,500
Electrical Rating	115 VAC, 60 Hz., 1 ph.			
Compressor Rated Load Amps	8.5	11.5	12.1	11.0
Fan Motor Rated Load Amps	2.5	2.5	2.5	2.5
Compressor Locked Rotor Amps	48.3	50.0	59.0	54.4
Fan Motor Locked Rotor Amps	5.8	5.8	5.8	5.8
SCFM - High Speed Max./Min.	325/250			
Total Static - Min./Max.	0.55 / 0.90" WC			
Refrigerant (R22) Oz.	18.5	14.5	16.5	16.5
Minimum Wire Size **	12 AWG Copper Up to 24 ft.			
AC Circuit Protection	20 Amp Time Delay Fuse or HACR Circuit Breaker			
DC Circuit Protection	Installation must comply with all National, State, Providence and/or local Electrical Codes			
Installed Weight (Pounds)	94	100	94	94
Minimum Generator	1 Unit	2.5 KW	3.5 KW	
Size ***	2 Units	4.0 KW	5.0 KW	

* Maximum Unit Performance achieved at full rated voltage.

** 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



MODULARIZED BRISK AIR ROOF TOP AIR CONDITIONER

Index	Description	57912.622	57915.422	57915.522	57915.622
1	Screw, shoulder	3102834.003	3102834.003	3102834.003	3102834.003
2	Screw, shroud	313685.001	313685.001	313685.001	313685.001
3	Decal, shroud	3101380.008	3101380.008	3101380.008	3101380.008
4	Shroud	See NOTE 2	See NOTE 2	See NOTE 2	See NOTE 2
5	Decal, field wiring	3105052.017	3105052.017	3105052.017	3105052.017
6	Cover, condenser	309383.000	309383.000	309383.000	309383.000
7	Brace, bulkhead	3100357.023	3100357.023	3100357.023	3100357.023
8	Insulation, foam	3105014.066	3105014.066	3105014.066	3105014.066
9	Cover, evaporator coil	314885.002	314885.002	314885.002	314885.002
10	Coil, condenser	3103014.001	3103014.001	3103014.001	3103014.001
11	Compressor, asm.	3103830.026	3106430.006	3104355.007	3104465.004
12	Cover, terminal	3103799.007	3102806.001	3102548.009	3103799.007
13	Gasket, cover	3103800.003	3102805.003	3102549.007	3103800.003
14	Protector, overload	3100250.285	3100250.244	3100250.301	3100250.277
15	Nut, flange	306342.004	— — — — —	3102550.005	306342.004
16	Coil, evaporator	3107338.000	3107338.000	3107338.000	3107338.000
17	Line, suction	3104236.017	3106431.004	3102589.003	3104236.009
18	Tube, capillary	3100245.525	3100245.541	3100245.533	3100245.517
19	Line, discharge	3103825.000	3106432.004	3101147.001	3103825.000
20	Blade, fan	317937.000	317937.000	317937.000	317937.000
21	Grommet	3100230.022	3100230.022	3100230.022	3100230.022
22	Spacer, motor mount	308046.002	308046.002	308046.002	308046.002
23	Nut, flange	306342.003	306342.003	306342.003	306342.003
24	Support, motor	3103844.027	3103844.027	3103844.027	3103844.027
25	Motor, fan	3108701.365	3108701.365	3108701.365	3108701.365
26	Bulkhead, condenser	317923.001	317923.001	317923.001	317923.001
27	Block, ethafoam	3100587.009	3100587.009	3100587.009	3100587.009
28	Plate, compressor, weld	3107478.004	3107474.004	3107478.004	3107478.004
29	Cover, electrical box	3100828.007	3100828.007	3100828.007	3100828.007
30	Gasket, mounting	3100247.000	3100247.000	3100247.000	3100247.000
31	Channel, front	3102811.001	3102811.001	3102811.001	3102811.001
32	Plug, connector	3106625.019	3106625.019	3106625.019	3106625.019
33	Sleeving, wire	318087.009	318087.009	318087.009	318087.009
34	Insulation, set	3104152.008	3104152.008	3104152.008	3104152.008
35	Ring, inlet	3106415.007	3106415.007	3106415.007	3106415.007
36	Wheel, blower	3104887.009	3104887.009	3104887.009	3104887.009
37	Capacitor, start	— — — — —	3106732.005	3106732.005	3106732.005
38	Housing, weld, blower	3101145.005	3101145.005	3101145.005	3101145.005
39	Bulkhead, evaporator	3100831.076	3100831.076	3100831.076	3100831.076
40	Pan, drain	See NOTE 1	See NOTE 1	See NOTE 1	See NOTE 1
41	Bracket, mounting	See NOTE 1	See NOTE 1	See NOTE 1	See NOTE 1
42	Brace, front	See NOTE 1	See NOTE 1	See NOTE 1	See NOTE 1
43	Pan, base (See NOTE 1)	3108700.323	3108700.323	3108700.323	3108700.323
44	Capacitor, run/fan	3100248.339	3100248.420	3100248.420	3100248.420
45	Relay, PTCR	3100876.022	— — — — —	— — — — —	— — — — —
46	Relief, strain	302994.017	302994.017	302994.017	302994.017
47	Box, electrical	3100827.058	3100827.058	3100827.058	3100827.058
48	Sleeve, compressor, mtg.	3100239.056	3100239.098	3100239.114	3100239.056
49	Grommet, compressor, mtg.	3100238.207	3100232.005	3100238.181	3100238.207
50	Nut, flange	306342.002	30642.002	306342.002	306342.002
51	Line, process	20309.004	20309.004	20309.004	20309.004
52	Spring, comp., base plate	— — — — —	3102594.003	— — — — —	— — — — —
53	Spring, overload	— — — — —	3102803.008	3102552.001	— — — — —
54	Strap, bail	— — — — —	3102804.006	— — — — —	— — — — —
55	Coupling, 3/8 x 5/16	— — — — —	3103731.000	— — — — —	— — — — —
56	Plate, compressor base	— — — — —	3106429.008	— — — — —	— — — — —
57	Gasket, nut	— — — — —	— — — — —	3102551.003	— — — — —
58	Line, process	— — — — —	20309.006	— — — — —	— — — — —

59

Customer Option (Required)

Air Distribution Box (SW)	3105023.000
Air Distribution Box (PW)	3105023.018
Air Distribution Box (SW)	3107206.009
Air Distribution Box (PW)	3107206.017
Air Distribution Box (SW)	3107210.001
Air Distribution Box (PW)	3107210.019
Control Kit, analog cool only	3107541.009
Control Kit, analog heat strip	3107541.017
Electronic Kit	3106481.009
Comfort Control Center	3106463.007

NOTE 1: NOT AVAILABLE AS INDIVIDUAL PART
Order Base Kit No. 3108700.323
Kit includes Items 34, 38, 39, 40, 41, 42 & 43

NOTE 2: SHROUD PART NUMBER

No Suffix letter: Shell White
3103144.006

With Suffix letter C: Polar White
3103147.009

With Suffix letter D: Light Gray
3103148.007