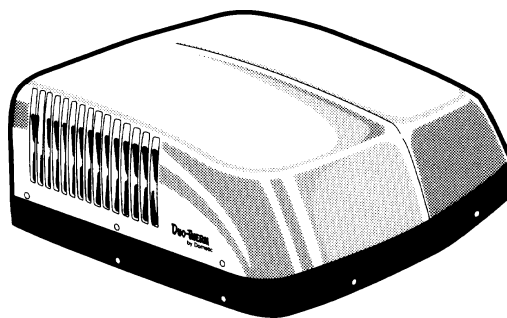




WHEN ORDERING SPARE PARTS, ALWAYS STATE:

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
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

MODELS
59516.603, C & D
Product No. 991731761

REVISION

3108191 010 11 99

3108191 002

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LaGrange, IN 46761

[illegible]

SPECIFICATIONS

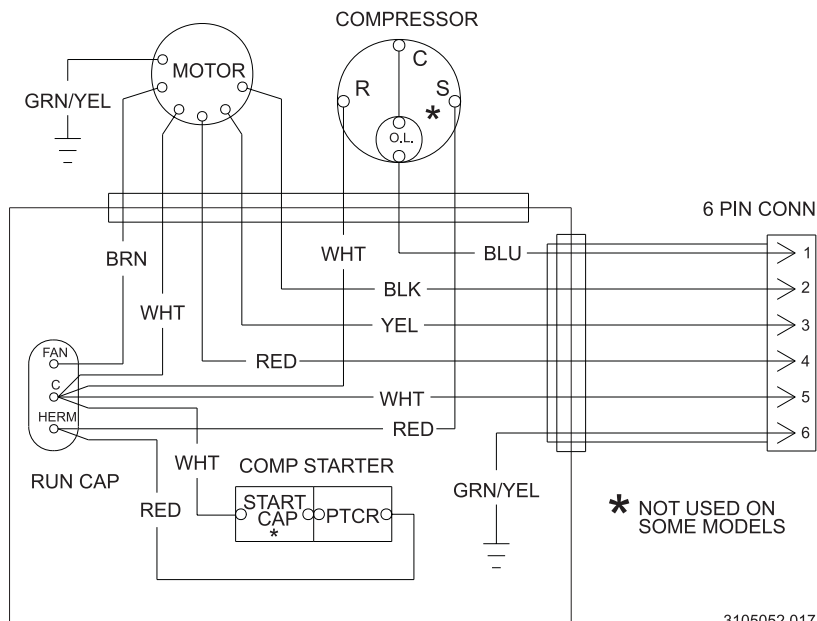
MODEL NO.		59516.603
Nominal Capacity (BTU/HR)*		15,000
Electrical Rating		115 VAC, 60 Hz., 1 ph.
Compressor Rated Load Amps		12.3
Fan Motor Rated Load Amps		2.0
Compressor Locked Rotor Amps		77.0
Fan Motor Locked Rotor Amps		5.6
Heater Amps/Watts @ 120VAC		12.7/1530
SCFM-High Speed Max./Min.		350/250
Total Static - Min./Max.		0.40 / 1.10
Refrigerant R22 Charge (Oz.)		29.5
Minimum Wire Size **		12 AWG Copper Up to 24 ft.
AC Circuit Protection		20 Amp Time Delay Fuse or 20 Amp HACR Circuit Breaker
DC Circuit Protection	Installation must comply with all National, State, Providence, and/or local Electrical Codes	
Installed Weight (Pounds)		102
Minimum Generator	1 Unit	3.5 KW
Size ***	2 Units	5.0 KW

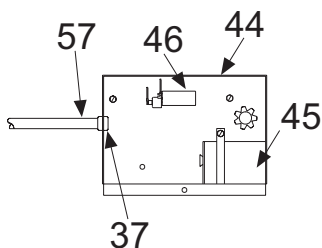
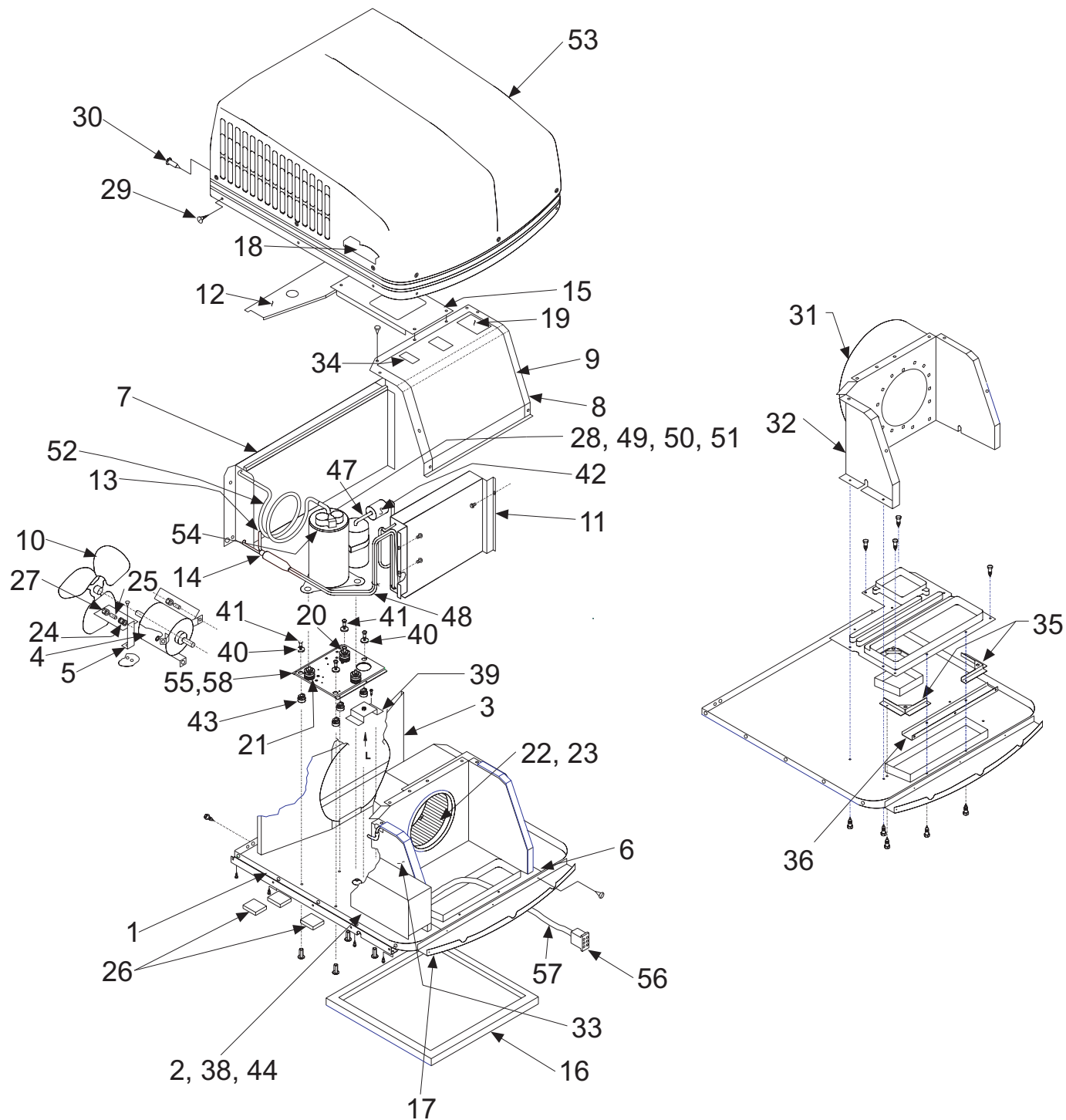
* Maximum unit performance achieved at full rated voltage.

** 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.

UPPER UNIT FIELD WIRING DIAGRAM





***CUSTOMER OPTIONS—REQUIRED**

Air Distribution Box (SW)	3107210.001
Air Distribution Box (PW)	3107210.019
Control Kit Assembly	3106481.009
Comfort Control Center	3106463.007
Air Distribution Box (SW)	3107206.009
Air Distribution Box (PW)	3107206.017
Control Kit, Analog (Cool/Furnace)	3107541.009
Control Kit, Analog (Cool/Furnace/Heat Strip)	3107541.017

CUSTOMER OPTIONS—NOT REQUIRED

Bolt Kit, 6"	3100895.006
Bolt Kit, 9.5"	3100895.014
Decorative Screen	3101701.005

*SEE INDIVIDUAL PARTS LIST FOR EACH OPTION

MODEL 59516 SERIES ROOF TOP AIR CONDITIONER

Index #	Description	Part Number
1	Base Pan	See NOTE 2
2	Electrical Box Cover	3100828.007
3	Bulkhead, Condenser	317923.001
4	Kit, Motor	3108702.394
5	Kit, Motor Support	3103844.027
6	Drain Pan	See NOTE 2
7	Coil, Condenser	3106341.005
8	Cover, Evaporator Coil	314885.002
9	Insulation, Foam	3105014.066
10	Fan Blade	3107914.008
11	Coil, Evaporator	3105060.010
12	Cover, Condenser Coil	309383.000
13	Tubing, Copper	315761.082
14	Dryer Filter	3103882.001
15	Brace, Bulkhead	3100357.023
16	Gasket, Mounting	3100247.000
17	Channel, Front	3102811.001
18	Decal, Shroud (2 req.)	3104238.005
19	Decal, Field Wiring	3105052.017
20	Sleeve, Compressor Mounting (3 req.)	3100239.122
21	Grommet, Compressor Mounting (3 req.)	3100238.207
22	Wheel, Blower	3104887.009
23	Ring, Inlet	3106415.007
24	Grommet, Motor Mount (4 req.)	3100230.022
25	Spacer, Motor Mount (4 req.)	308046.002
26	Block, Ethafoam 2 x 2 x .75" (7 req.)	3100587.009
27	Nut, Flange #8-32 (4 req.)	306342.003
28	Nut, Flange 5/16-18 Comp. (3 req.)	306342.002
29	Screw, S10-16 x .75" THCR/Shroud (12 req.)	313685.001
30	Screw, Shoulder (2 req.)	3102834.003
31	Housing, Weldment Blower	3101145.005
32	Bulkhead, Evaporator SGL In/Out	3100831.076
33	Insulation, Set	3104152.008
34	Decal, Caution	3100384.001
35	Bracket Asm., Mounting (3 req.)	3106290.012
36	Brace, Front	See NOTE 2
37	Relief, Strain	302994.017
38	Spacer, Motor Mount, Electrical Box (2 req.)	308046.001
39	Tie Down Asm. Unit	See NOTE 2
40	Washer, Steel .281 x .750 x .062 (4 req.)	309513.015
41	Screw, 1/4-20 x .75 HHW (4 req.)	312110.024
42	Pad, Vibration	3107016.002
43	Grommet, Compressor Mounting Plate (4 req.)	3102324.005
44	Box, Electrical	3100827.058
45	Capacitor, Run	3100248.495
46	Starter Kit, Comp. Motor	3106732.005
47	Line, Suction	3105823.011
48	Tube, Capillary ID .054 x 36" Yellow (2 req.)	3100245.426
49	Compressor Asm.	3108147.004
50	Cover, Terminal	3108072.004
51	Gasket, Cover	3103800.003
52	Line, Discharge	3105824.019
53	Shroud	See NOTE 1
54	Nut, Flange	306342.004
55	Plate, Weldment Comp.	3107478.004
56	Kit, Control Cable	3108703.327
57	Sleeving, Wire	318087.009
58	Stud, Spotweld (3 req.)	312605.012
	Customer Options	See Pg. 4

NOTE 1: SHROUD PART NO.

No Suffix letter	Shell V	3103144.006
With Suffix letter	C Polar V	3103147.009
With Suffix letter	D Lt. Gray	3103143.008

NOTE 2: NOT AVAILABLE AS INDIVIDUAL PART

Order Base Kit No. 3108705.348
Kit includes Items 1, 6, 31, 32, 33, 35, 36 & 39