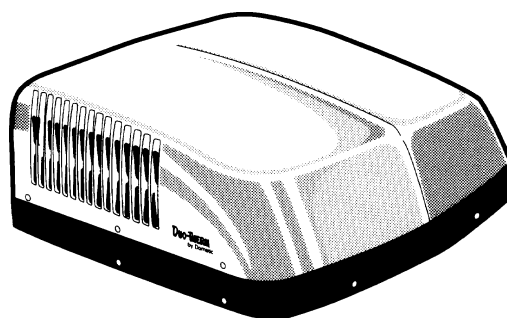




WHEN ORDERING SPARE PARTS, ALWAYS STATE:

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

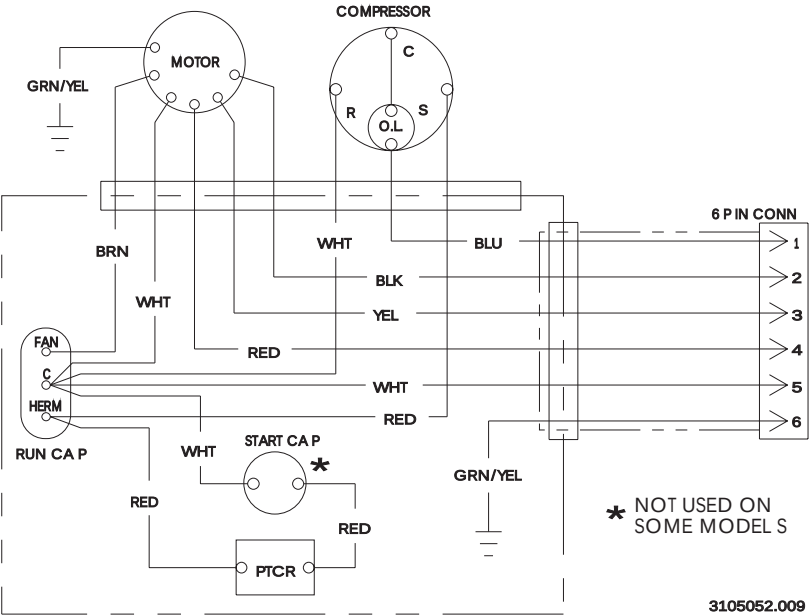
MODEL
57915.421 C & D
Product No. 991731645

REVISION
Form No. 3106600.020 7/97
(Replaces 3106600.012)
©1997 The Dometic Corp.
LaGrange, IN 46761

ALPHABETICAL INDEX

	Page	Index No.
Customer Options	5	55
Roof Mounted Assembly	5	1-53
Wiring Diagram		
Upper unit, field	2	—

UPPER UNIT FIELD WIRING DIAGRAM



SPECIFICATIONS

Electronic Control Kit #3104994.002 /3104994.010

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.		57915.421
Nominal Capacity (BTU/HR)		13,500
Electrical Rating		15 VAC, 60 Hz., 1 ph.
Compressor Rated Load Amps		11.5
Fan Motor Rated Load Amps		2.5
Compressor Locked Rotor Amps		50.0
Fan Motor Locked Rotor Amps		5.8
Input Watts, Cooling		1600
SCFM - High Speed Max./Min.		325/250
Total Static - Min./Max.		0/55/0.90° W.C.
Refrigerant (R22) Oz.		13.5
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)		100
Minimum Generator	1 Unit	2.5 KW
Size **	2 Units	4.0 KW

SPECIFICATIONS

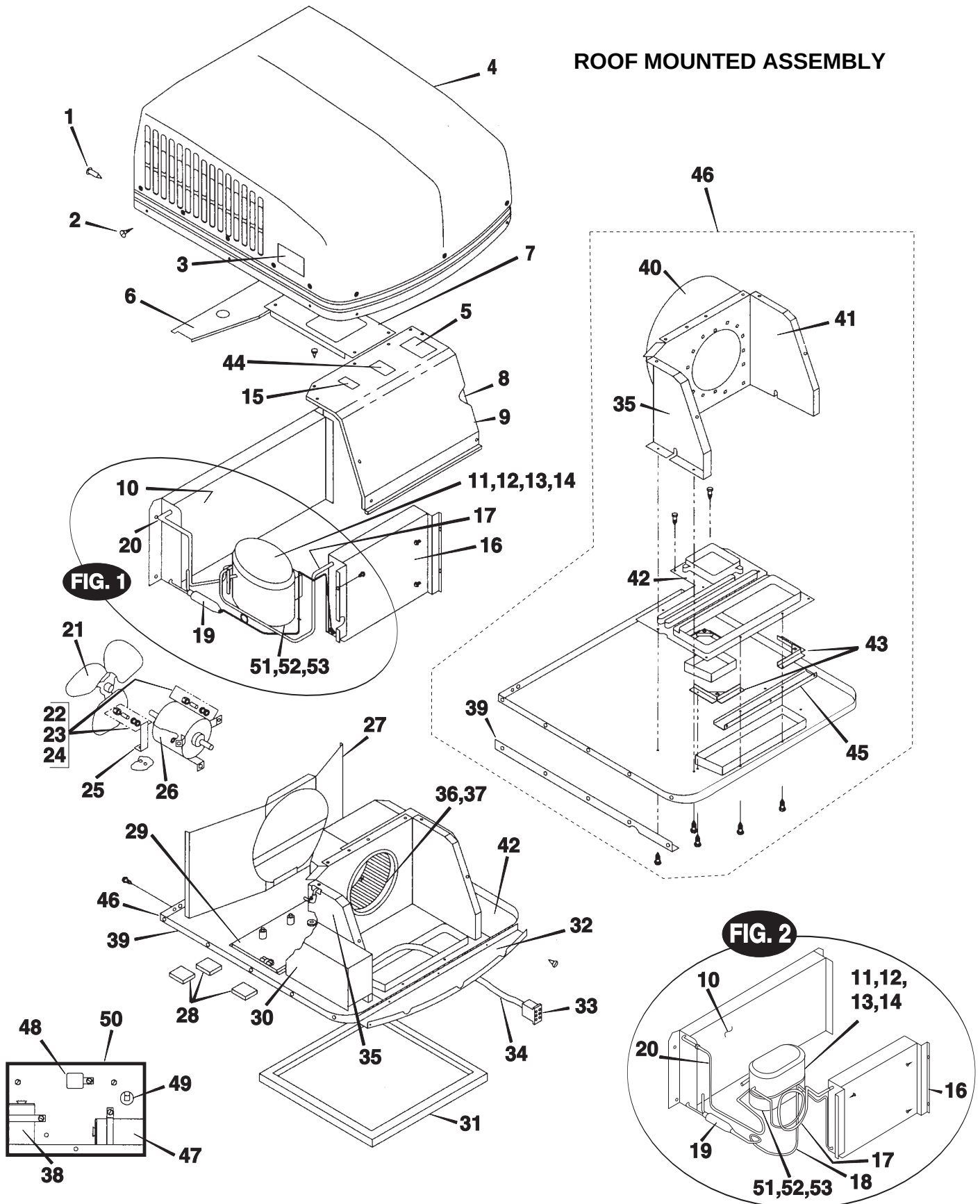
Air Distribution Box Kit #3105023.000 /3105023.018

MODEL NO.		57915.421
Nominal Capacity (BTU/HR)		13,500
Electrical Rating		115 VAC, 60 Hz., 1 ph.
Compressor Rated Load Amps		11.5
Fan Motor Rated Load Amps		2.5
Compressor Locked Rotor Amps		50.0
Fan Motor Locked Rotor Amps		5.8
Heater Amps/ Watts@120VAC		12.7/1530
Input Watts, Cooling		1600
Input Watts, Heating		1800 @ 120 VAC
Refrigerant (R22) Oz.		13.5
Minimum Wire Size *** AC		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	3.5 KW
Size **	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



MODULARIZED BRISK AIR ROOF TOP AIR CONDITIONER

Index	Description	57915.421
1	Screw, shoulder (2 req.)	3102834.003
2	Screw, shroud (12 req.)	313685.001
3	Decal, shroud (2 req.)	3101380.008
4	Shroud	See NOTE 1
5	Decal, field wiring	3105052.009
6	Cover, condenser	309383.000
7	Brace, bulkhead	3100357.023
8	Evaporator, insulation	317797.001
9	Cover, evap. coil	314885.002
10	Coil, condenser	3103014.001
11	Compressor asm (See FIG. 2)	3102592.007
	Compressor asm., Tecumseh AK8513E (See FIG. 1)	3106430.006
12	Cover, terminal	3102806.001
13	Gasket, terminal	3102805.003
14	Overload	3100250.244
15	Decal, Caution	3100384.001
16	Coil, evaporator	3100818.024
17	Line, suction (See FIG. 2)	3103734.004
	Line, suction (See FIG. 1)	3106431.004
18	Tube, capillary (2 req.)	3100899.008
19	Filter, drier	3103882.001
20	Line, discharge (See FIG. 2)	315760.009
	Line, discharge (See FIG. 1)	3106432.004
21	Blade, fan	317937.000
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 kit	3108700.067
26	Motor, fan	3108701.365
27	Bulkhead, condenser	317923.001
28	Block, foam (7 req.)	3100587.009
29	Plate, compressor	3107478.004
30	Cover, electrical box	3100828.007
31	Gasket, 14" x 14"	3100247.000
32	Channel, front	3102811.001
33	Plug, connection	314470.001
34	Sleeving, wire	318087.009
35	Insulation (3 pc. set)	3104152.008
36	Ring, inlet blower	309304.000
37	Wheel, blower	3104887.009
38	Capacitor, start	3100236.219
39	Bracket, base pan side	See NOTE 3
40	Housing, weld blower	3101145.005
41	Bulkhead	3100831.068
42	Pan, drain	See NOTE 2
43	Bracket, mounting (3 req.)	See NOTE 2
44	Decal, UAW/Diel	316655.000
45	Brace, front	See NOTE 2
46	Pan, base (See NOTE 2)	318700.323
47	Capacitor, fan	3100248.420
48	Relay, PTCR	3100876.006
49	Relief, strain	302994.017
50	Box, electrical	3100827.058
51	Sleeve, compressor (3 req.)	3100239.098
52	Grommet, compressor (3 req.)	3102324.005
53	Nut, flange compressor (3 req.)	306342.002

55	* CUSTOMER OPTIONS – REQUIRED	
	Air Distribution Box (SW) Manual Control	3105023.000
	Air Distribution Box (PW) Manual Control	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
	Box asm., Complete shell white	3107210.001
	Box asm., Complete polar white	3107210.019
	*SEE INDIVIDUAL PARTS LIST FOR EACH OPTION	

NOTE 1: SHROUD PART NO.

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

NOTE 2: NOT AVAILABLE AS INDIVIDUAL PART

Order Base Kit No. 3108700.323
Kit includes Items 35,39,40,41,42,43,44,45 &46

NOTE 3: BRACKET BASE PAN SIDE 3103930.008

Used only on Models with suffix .X26.