



WHEN ORDERING SPARE PARTS, ALWAYS STATE:

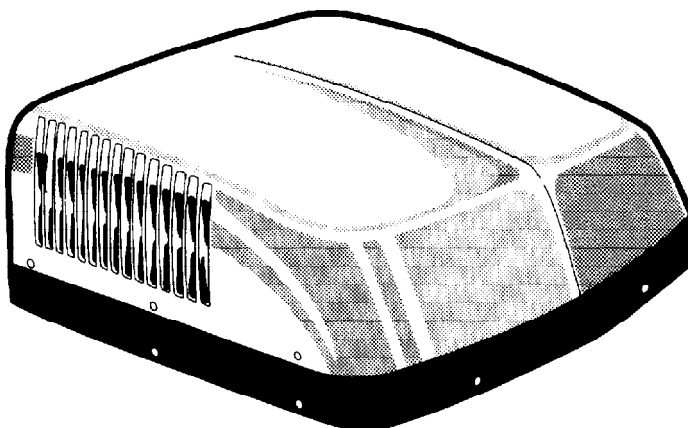
MODEL NO. - PRODUCT NO. - QUANTITY -
PART NUMBER - DESCRIPTION

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:**
800-544-4884

MODULARIZED ROOF TOP AIR CONDITIONER



Includes C & D Suffix

PARTS LIST

MODELS
59516.303, C, & D

Product No.991760303

NOTES:

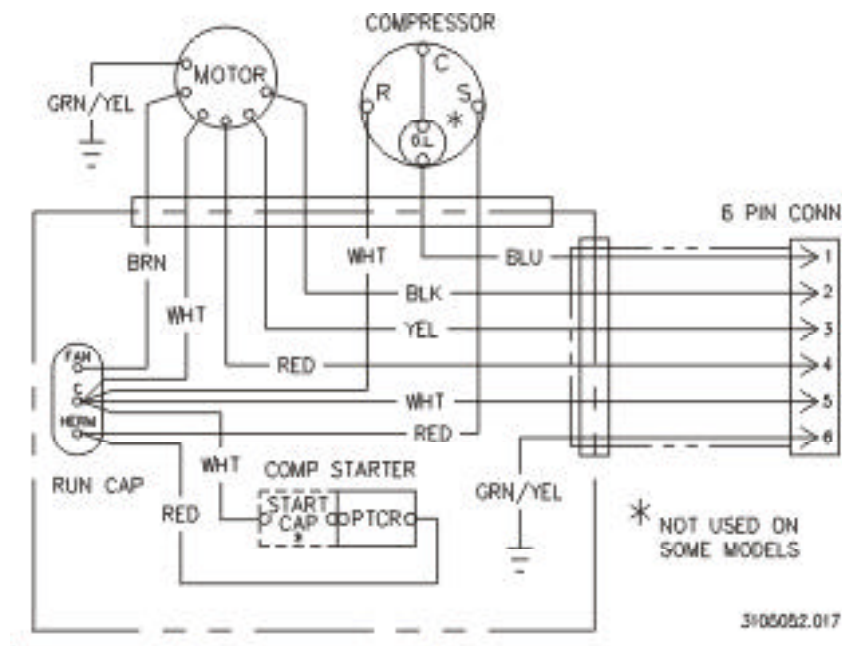
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SPECIFICATIONS

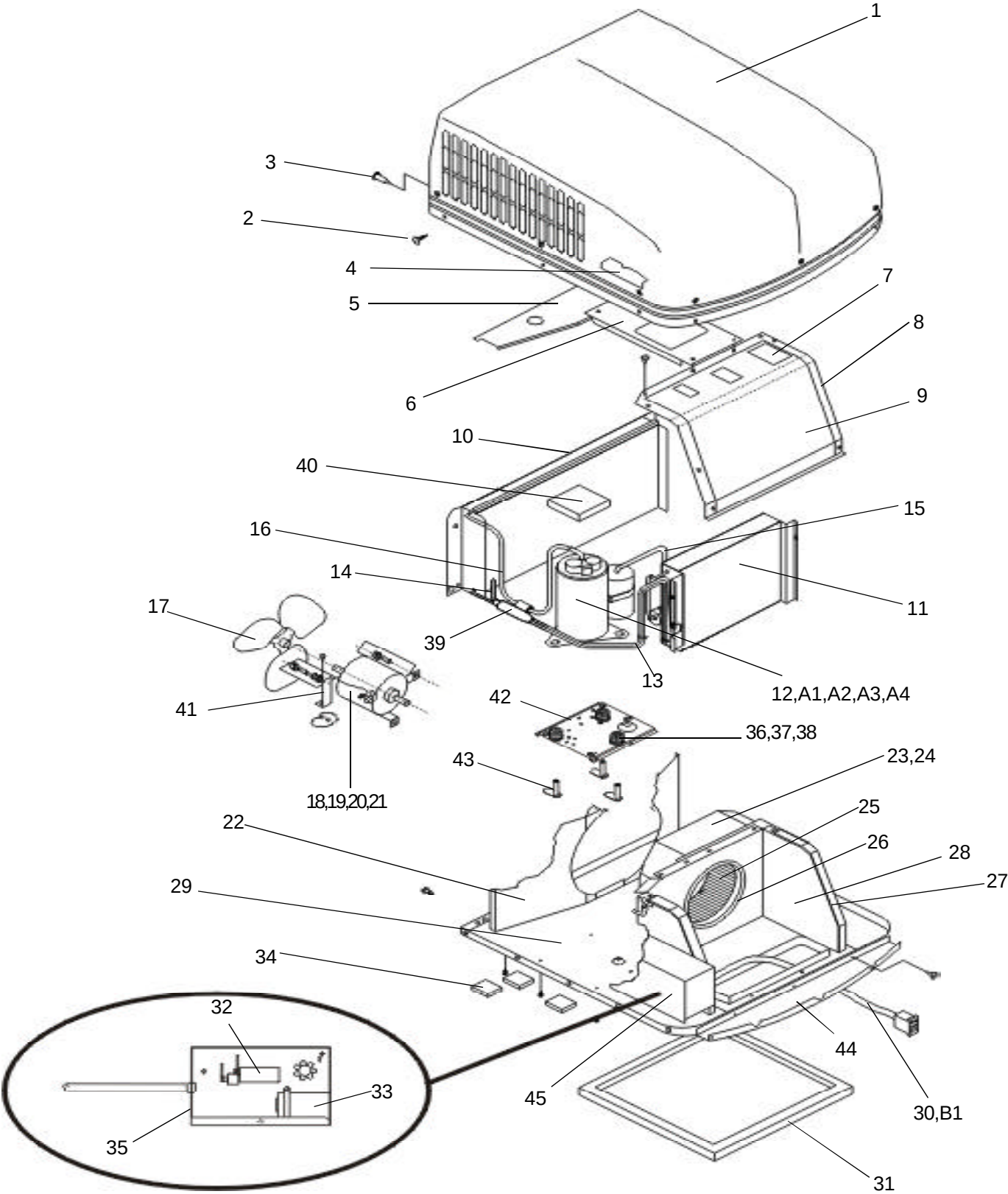
System Model	59516.303
Nominal BTU Capacity*	15,000
Volts/Phase/Hertz (each circuit)	115 AC / 1 / 60
Run Amps Comp	12.7
LRA Compressor	60.0
Fan Motor Run Amps	2.0
Fan Motor LRA Amps	5.8
Heater Amps/Watts	12.7/1530
Wire Size**	Up to 24 ft. -Use No. 12 AWG Copper Conductors
AC Circuit Protection	20 Amp 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
Refrigerant	R-22
System Refrigerant Charge	29.0 oz.
Installed Weight	102
Generator Size - Min. ***	
1 Unit	3.5KW
2 Units	5.0KW

- * Maximum unit performance achieved at full rated voltage.
- ** For distances over 24ft. consult the National Electric Code.
- *** The Manufacturer gives only general guidelines for generator requirements. These generator requirements come from experiences consumers have with our equipment in field applications. When sizing the generator, the total electrical power must be taken into consideration. Keep in mind that generators lose power because of altitude increases above sea level , high outdoor temperatures and lack of maintenance.

WIRING DIAGRAM



MODEL 59516.303



MODEL 59516.303

INDEX	DESCRIPTION	59516.303
1	Shroud	See Note 1
2	Screw, Shroud (12 req)	313685.001
3	Screw, shoulder (2 req)	3102834.003
4	Decal, Shroud (2 req)	3104238.016
5	Cover Condensor	309383.000
6	Brace, Blkhd	3100357.023
7	Decal, Field Wiring	3105052.017
8	Insulation, Cover	3105014.066
9	Cover, Evaporator	314885.002
10	Coil, Condenser	3106341.013
11	Coil, Evaporator	3105060.010
12	Asm, Compressor	3108911.011
	A1 Cover, Terminal	31002321.001
	A2 Gasket, Cover	31002320.003
	A3 Overload	3100250.384
	A4 Nut, Terminal Cover	306342.005
13	Capillary Tube(2 req)	3100245.426
14	Line, Process	315761.082
15	Line, Suction	3109127.005
16	Line, Discharge	3109128.003
17	Blade, Fan	3107914.008
18	Nut, Flange (4 req)	306342.003
19	Spacer, Motor (3 req)	308046.002
20	Grommet, Motor (3 req)	3100230.022
21	Motor	3108706.916
22	Bulkhead, Condensor	317923.001
23	Insulation, Blower	3104153.006
24	Housing, Blower	3100865.033
25	Wheel, Blower	3104887.009
26	Ring, Blwr Inlet	3106415.007
27	Bulkhead, Evaporator	3100831.084
28	Insulation, LH Evap Blkd	3108137.013
29	Kit, Basepan	3108705.348
30	Kit Cable w/plug	3108703.327
	B1 Plug, 6 Pole	3106625.019
31	Gasket, Roof	3108678.008
32	Starter, Compressor Motor	3106732.005
33	Fan/Run Capacitor	3100248.586
34	Block Foam (6 req)	3100587.009
35	Box Electrical	3108030.002
36	Grommet, Compressor (3 req)	3100238.181
37	Sleeve, Compressor (3 req)	3100239.072
38	Nut, Flange (3 req)	306342.002
39	Drier, Filter	3103882.001
40	Pad, Compressor	3100587.017
41	Bracket, Motor Support	3103844.027
42	Plate, Compressor Mounting	3107478.004
43	Stud, Weld (3 req)	312605.014
44	Channel, Front	3102811.001
45	Cover, Elect Box	3100828.007

CUSTOMER OPTIONS

Kit, Bolt 6"	3100895.006
Decorative Screen	3101701.005
Kit, Bolt 9-1/2"	3100895.014
Control Kit Analog (cool/furn)	3107541.009
Control Kit Analog (Clg, htg, ht strp)	3107541.017
Air Box Asm SW (L/controls)	3107210.001
Air Box Asm PW (L/controls)	3107210.019
Air Box Asm SW (mech controls)	3107206.009
Air Box Asm PW (mech controls)	3107206.017
Comfort Control Center	3109228.001
Control Kit, F/ CCC	3109226.005
Cover, Return Air (SW)	3105007.003
Cover, Return Air (PW)	3105007.011
Cover, return Air (Gray)	3105007.029
Cover, Quick Cool (SW)	3105935.005
Cover, Quick Cool (SW)	3105935.013

Note: 1

Models without suffix letter use shroud	3103144.006
Models with "C" suffix letter use shroud	3103147.009
Models with "D" suffix letter use shroud	3103143.008