

AIR CONDITIONER MODEL 59529.631

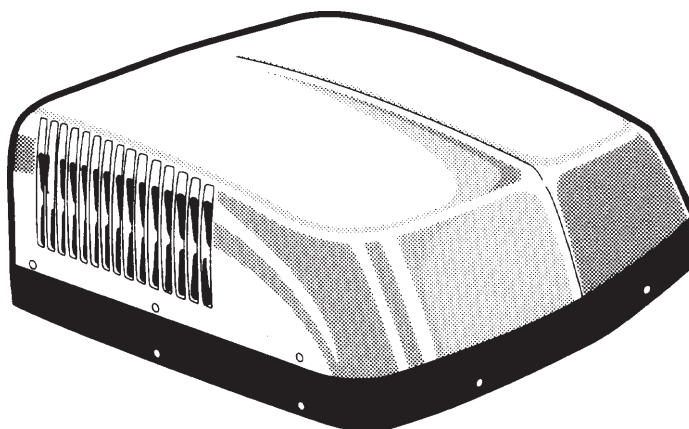
USA

SERVICE OFFICE
Dometic Corporation
2320 Industrial Parkway
Elkhart, IN 46516
574-294-2511

CANADA

Dometic Corporation
46 Zatonski, Unit 3
Brantford, ON N3T 5L8
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519-720-9578

**For Service Center
Assistance Call:**
800-544-4881



INCLUDES MODEL SUFFIX C & D

PARTS LIST

**MODEL
59529.631**

PRODUCT No. 991731787
INCLUDES SUFFIX C & D

MODEL 59529.631 AIR CONDITIONER

NOTES: _____

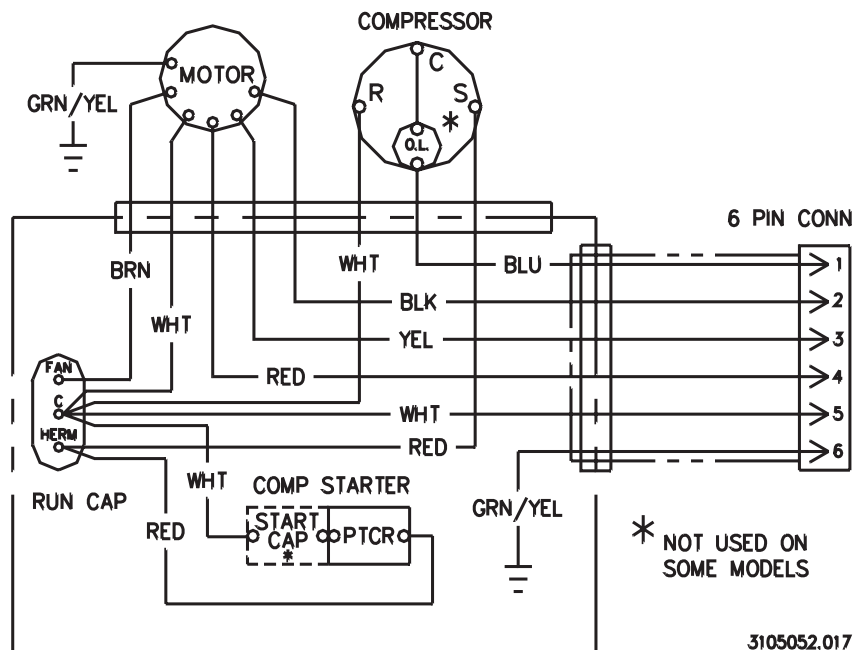
MODEL 59529.631 AIR CONDITIONER

SPECIFICATIONS:

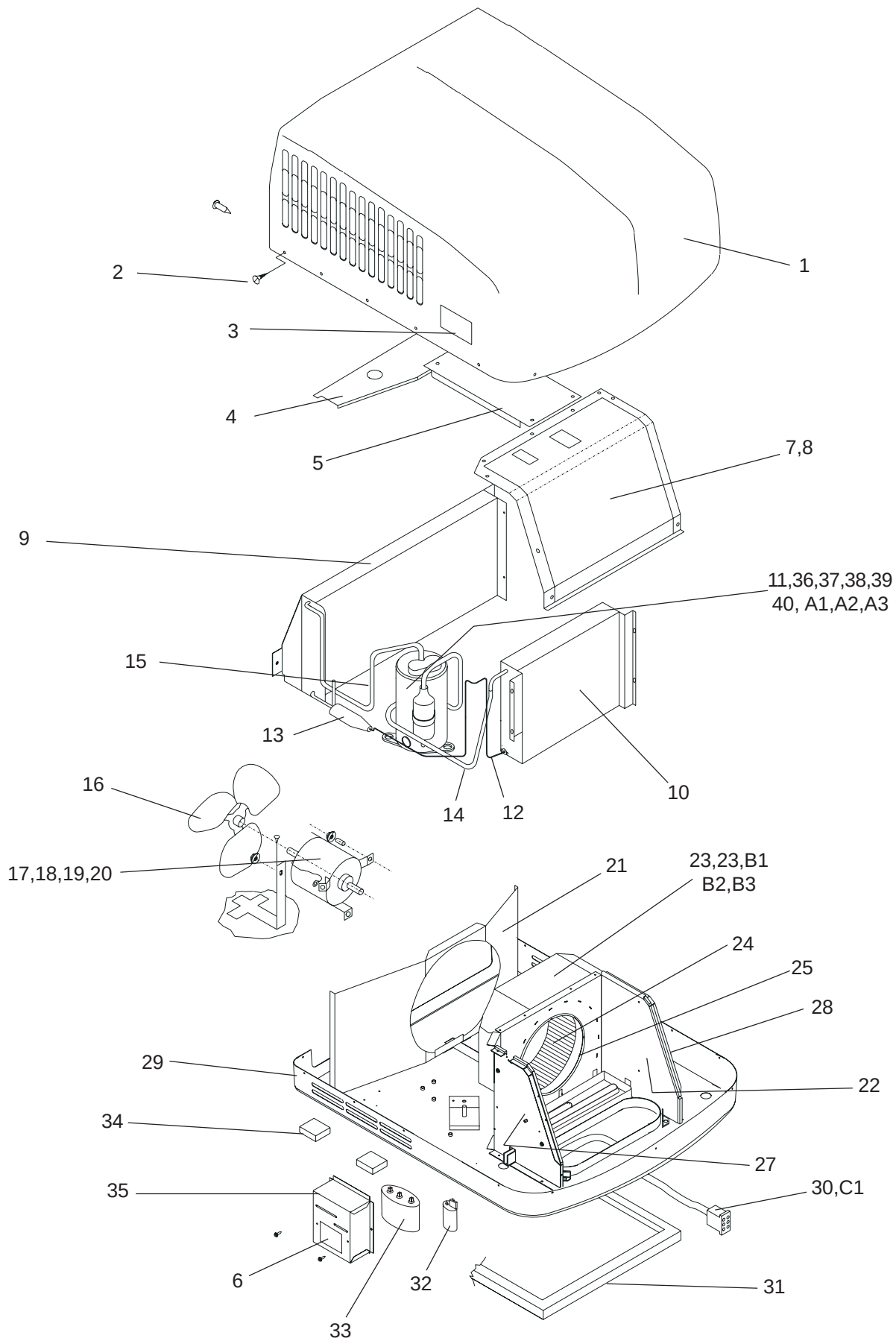
System Model	59529.631
Volts/Phase/Hertz*	115 AC / 1 / 60
Run Amps Comp	7.4
LRA Compressor	44.0
Fan Motor Run Amps	2.0
Fan Motor LRA Amps	5.6
Wire Size**	Up to 24 ft. -Use No. 12 AWG Copper Conductors
AC Circuit Protection	15 Amp Time Delay Fuse or 15 Amp HACR Circuit Breaker
DC Circuit Protection	Installation must comply with all National, State, Providence, and/or local electrical codes
Refrigerant	R-22
System Refrigerant Charge	20.5
Installed Weight	93
Generator Size - Min. ***	
1 Unit	2.5KW
2 Units	4.0KW

- * 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.

MODEL 59529.631 AIR CONDITIONER WIRING DIAGRAM



MODEL 59529.631 AIR CONDITIONER



MODEL 59529.631 AIR CONDITIONER

INDEX	DESCRIPTION	PART NO.
1	Shroud	See Note 1
2	Screw, Shroud (14 req)	313685.001
3	Decal, Shroud (2 req)	-----
4	Cover Condensor	309383.000
5	Brace, Blkhd	3100357.023
6	Decal, Field Wiring	-----
7	Insulation, Cover	3105014.066
8	Cover, Evaporator	-----
9	Coil, Condenser	-----
10	Coil, Evaporator	3105060.028
11	Asm, Compressor	-----
	A1 Cover, Terminal	3108072.004
	A2 Gasket, Cover	3103800.003
	A3 Overload	-----
12	Capillary Tube(2req)	3100245.558
13	Filter-Dryer	3103882.001
14	Line, Suction	-----
15	Line, Discharge	-----
16	Blade, Fan	3107914.008
17	Nut, Flange (4 req)	306342.003
18	Spacer, Motor (3 req)	308046.002
19	Grommet, Motor (3 req)	3100230.022
20	Motor	3108706.916
21	Bulkhead, Condensor	-----
22	Insulation, Set-Blower	3104152.008
	B1 Insulation, LH Side	-----
	B2 Insulation, RH Side	-----
	B3 Insulation, Blwr Hsg	-----
23	Housing, Blower	3100865.033
24	Wheel, Blower	3104887.009
25	Ring, Blwr Inlet	3106415.007
26	Bulkhead, Evaporator	3100831.084
27	Insulation, RH Evap Blkhd	3108137.013
28	Insulation, LH Evap Blkhd	3108137.005
29	Kit, Basepan	3108709.928
30	Kit Cable w/plug	-----
	C1 Plug, 6 Pole	3106625.019
31	Gasket, Roof	3108678.008
32	Starter, Compressor Motor	3106732.005
33	Fan/Run Capacitor	-----
34	Block Foam (6 req)	3100587.009
35	Box Electrical	3108030.002
36	Grommet, Compressor (3 req)	3100238.207
37	Sleeve, Compressor (3 req)	3100239.122
38	Screw, 5/16-18 x 1.75 (3 req)	-----
39	Nut, Flange 5/16-18 (3 req)	306342.002
40	Nut, Flange 1/4-28	-----

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
Air Box Asm SW (L/controls)	3107210.001
Air Box Asm PW (L/controls)	3107210.019
Air Box Asm SW (mech controls)	3107211.009
Air Box Asm PW (mech controls)	3107211.017
Comfort Control Center	3109228.001
Control Kit, F/ CCC	3109407.001
Cover, Return Air (SW)	3105007.037
Cover, Return Air (PW)	3105007.045
Cover, Quick Cool (SW)	3105935.039
Cover, Quick Cool (SW)	3105935.047
Kit, Remote Sensor 20'	3106486.008
Kit, Remote Sensor 60'	3106486.016
Kit Remote Sensor 40'	3106486.024

Note: 1

Models without suffix letter use shroud	3309518.003
Models with "C" suffix letter use shroud	3309518.003
Models with "D" suffix letter use shroud	3309518.003