

USA
SERVICE OFFICE
Dometic Corporation
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LaGrange, IN 46761
260-463-4858

CANADA
Dometic Distribution
866 Langs Drive
Cambridge, Ontario
CANADA N3H 2N7
519-653-4390

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

MODELS

620515.321

620525.321

Includes Suffix C, D & E

620515.326

620525.326

Solar Panel Models

PARTS LIST

MODEL

620515.321

620525.321

620515.326

620525.326

REVISION

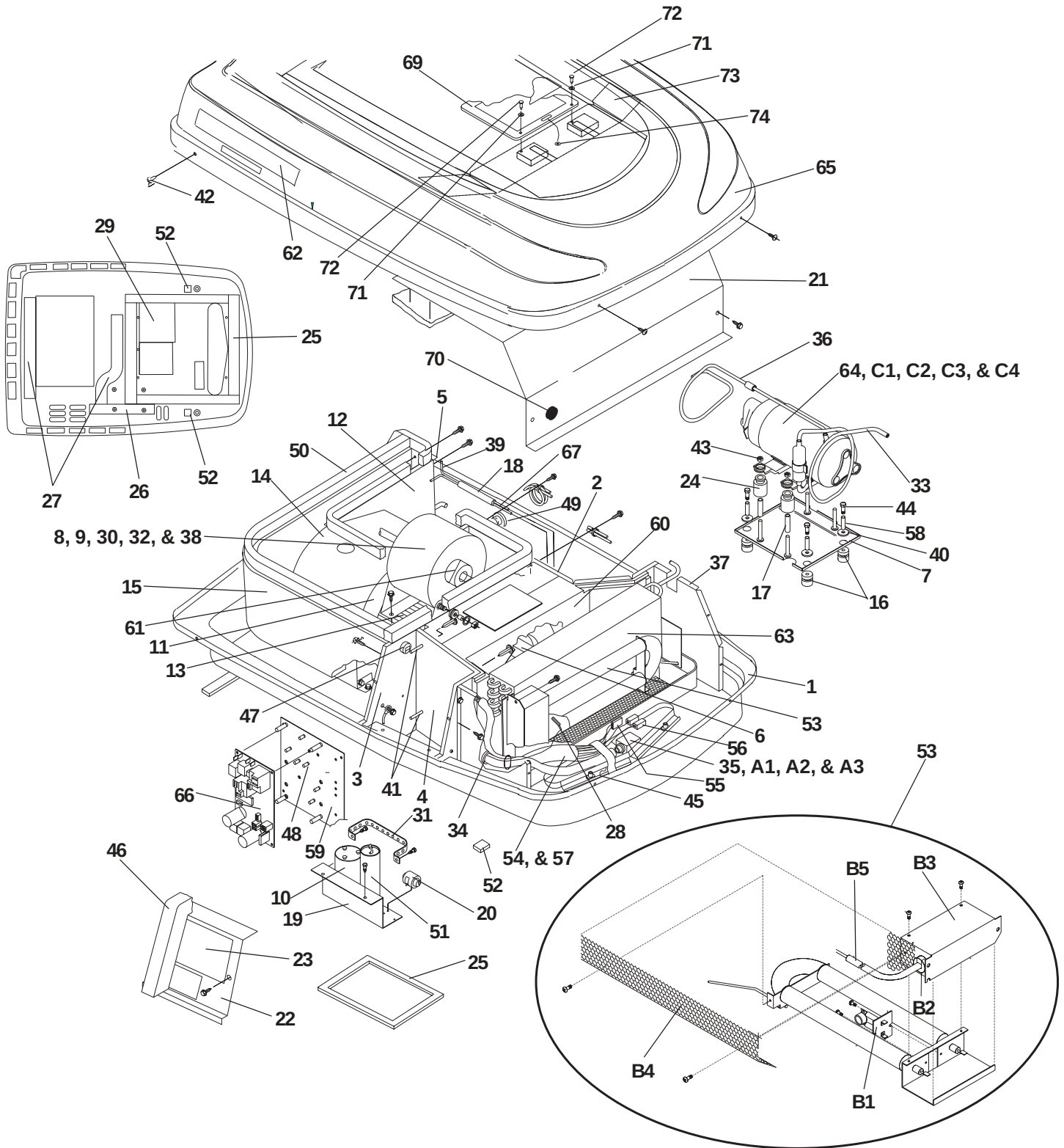
Form No. 3109902.019 2/04
(Replaces 3109902.001 & 3109909.006)
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LaGrange, IN 46761

SPECIFICATIONS

MODEL NUMBER		620515.321, 326 & 620525.321, 326
Nominal Capacity (BTU/HR)		13,500
Electrical Rating		115VAC, 60Hz., PH.
Compressor Rated Load Amps		12.4
Fan Motor Rated Load Amps		3.1
Compressor Locked Rotor Amps		60.0
Fan Motor Locked Rotor Amps		8.8
SCFM - High Speed (Max./Min.)		335/250
Refrigerant (R22) oz.		15.5
Minimum Wire Size*		12 AWG Copper up to 24ft.
AC Circuit Protection (User Supplied)		20 Amp Time Delay Fuse or HACR Circuit Breaker
DC Circuit Protection (user Supplied)		Installation must comply with all National, State, Province and/or Local Electrical Codes
Installed Weight (Pounds)		102
Minimum Generator SIZE**	1UNIT	3.5 KW
	2 UNITS	5.0KW

* For wire length over 24 ft., consult the National Electric Code for proper sizing.

** 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. Keep in mind generators lose power at high altitudes and from lack of maintenance.



Index #	Description	Part No.	620515.321	620515.326	620525.321	620525.326
1	Kit, base pan	3103179.010	A	B	C	D
2	Bulkhead, compressor	3102511.056	A	B	C	D
3	Bulkhead, evaporator	3100254.055	A	B	C	D
4	Bulkhead, electrical box	3102532.029	A	B	C	D
5	Plate, close-off	3100256.001	A	B	C	D
6	Wheel, evaporator plastic	3100385.008	A	B	C	D
7	Plate, weldment compressor	3102590.035	A	B	C	D
8	Kit, motor assembly	3108706.924	A	B	C	D
9	Bracket, motor mounting (2 req.)	3106187.002	A	B	C	D
10	Capacitor, run	3100248.321	A	B	C	D
11	Blower side, front	3100259.005	A	B	C	D
12	Blower side, rear	3100261.001	A	B	C	D
13	Wheel, condenser blower	3100386.006	A	B	C	D
14	Blower scroll, condenser	3100260.003	A	B	C	D
15	Coil asm., condenser	3101467.003	A	B	C	D
16	Grommet, compressor mtg plate (4 req.)	3100238.207	A	B	C	D
17	Sleeve, compressor mtg. (4 req.)	3100239.072	A	B	C	D
18	Dryer, filter	3103882.001	A	B	C	D
19	Panel, capacitor	3104412.006	A	B	C	D
20	Relay, PTCR	3100876.006	A	B	C	D
21	Cover, evaporator	3102514.803	A	B	C	D
22	Cover, electrical box	3102510.009	A	B	C	D
23	Decal, field wiring	3106682.036	A	B	C	D
24	Grommet, compressor mtg. (4 req.)	3100238.181	A	B	C	D
25	Gasket, mounting	3100247.000	A	B	C	D
26	Gasket, roof	3100286.032	A	B	C	D
27	Gasket, roof 16" x 1.5" (2 req.)	3100286.016	A	B	C	D
28	Wire harness, thermistor	3109409.001	A	B	C	D
29	Insulation, housing bottom	3100294.002	A	B	C	D
30	Spacer, motor mount (4 req.)	308046.002	A	B	C	D
31	Strap, capacitor	317188.000	A	B	C	D
32	Grommet, motor (4 req.)	3100230.022	A	B	C	D
33	Line, suction	3102846.007	A	B	C	D
34	Relief, strain	302994.011	A	B	C	D
35	Asm. power cable	3108703.194	A	B	C	D
A1	Sleeving, fiberglass	3100394.109	A	B	C	D
A2	Box, junction	3101316.036	A	B	C	D
A3	Strain relief	302994.015	A	B	C	D
36	Line, discharge	3102847.005	A	B	C	D
37	Plate, evap close-off (split and use 1 each side)	3102512.021	A	B	C	D
38	Nut, flange #8-32 (4 req.)	306342.003	A	B	C	D
39	Line, process	315761.082	A	B	C	D
40	Washer, steel (4 req.)	309513.015	A	B	C	D
41	Standoff, PCB board (8 req.)	3101624.017	A	B	C	D
42	Screw, S 10-16 x .75" THCR/Shroud (4 req.)	313685.001	A	B	C	D
43	Nut, flange 5/16"-18 (4 req.)	306342.002	A	B	C	D
44	Screw, 1/4"-20 x .75" (4 req.)	312110.041	A	B	C	D
45	Bracket weld, front mounting	3105495.000	A	B	C	D
46	Tape, foam 1.25" x .75" x .63"	3102669.052	A	B	C	D
47	Relief, strain	302994.017	A	B	C	D
48	Support, PC board (3 req.)	3101623.019	A	B	C	D
49	Bushing, snap-in	301028.037	A	B	C	D
50	Tape, foam 1.25" x 1.25" x 33"	3102669.029	A	B	C	D

Index #	Description	Part No.	620515.321	620515.326	620525.321	620525.326
51	Capacitor, start	3100236.235	A	B	C	D
52	Block, ethafoam 2" x 2" x .75" (2 req.)	3100587.009	A	B	C	D
53	Heater, assembly	3105513.000	A	B	—	—
B1	Switch, auto limit	3104568.005	A	B	—	—
B2	Relief, strain	302994.015	A	B	—	—
B3	Cover, heater	3104569.011	A	B	—	—
B4	Guard, heat element	3104570.001	A	B	—	—
B5	Sleeving, fiberglass 3/8"OD x 9"	3100394.117	A	B	—	—
54	Sleeving fiberglass	3100394.224	A	B	C	D
55	Extension, remote	3106697.000	A	B	C	D
56	Coupler, inline (2 req.)	3106696.002	A	B	C	D
57	Cable & connector assembly (2 req.)	3106614.021	A	B	C	D
58	Sleeve, plate mounting (4 req.)	3100239.122	A	B	C	D
59	Plate, adapter mounting	3107965.042	A	B	C	D
60	Baffle, styrofoam	3108903.000	A	B	C	D
61	Collar, foam	3307807.002	A	B	C	D
62	Decal, shroud (2 req.) See Note 2	3109274.005	A	B	C	D
63	Coil, evaporator	3104573.005	A	B	C	D
64	Compressor assembly	3102984.006	A	B	C	D
C1	Cover, terminal	3102321.001	A	B	C	D
C2	Gasket, terminal	3102320.003	A	B	C	D
C3	Protector, overload	3100250.228	A	B	C	D
C4	Nut, flange	306342.005	A	B	C	D
65	Shroud, outer	See Note 1	A	B	C	D
66	Board, AC power module	3109229.009	A	B	C	D
67	Tube, capillary (2 req.)	3100245.418	A	B	C	D
68	Indicator, charger (not shown)	3109855.019	—	B	—	D
69	Panel, solar	3109856.009	—	B	—	D
70	Strain relief	302994.019	—	B	—	D
71	Washer, SS (2 req.)	309513.039	—	B	—	D
72	Screw, (2 req.)	3105445.005	—	B	—	D
73	Bracket, field template	3307853.006	—	B	—	D
74	Grommet	3109283.014	—	B	—	D

NOTE1:

Models ending in .321 & .326 use 3308046.006-Shell White
Models ending in .321C or E & .326C or E use 3308046.014-Polar White
Models ending in .321D & .326D use 3308046.022-Light Gray

NOTE2:

Not used on Models with suffix ending in E.

CUSTOMER OPTION:

3106615.002 Air Distribution Box Asm.-Shell White
3106615.010 Air Distribution Box Asm.-Polar White
3109228.001 Comfort Control Center
3106486.008 Remote Sensor 8'
3106486.016 Remote Sensor 16'
3106486.024 Remote Sensor 60'
3107180.006 Kit, Jct Box Cvr & Bolts
3105007.003 Cover, Kit Return Air-Shell White
3105007.011 Cover, Kit Return Air-Polar White
3105935.005 Cover, Quick Cool-Shell White
3105935.013 Cover, Quick Cool-Polar White
3308120.009 Asm., Return Air Grille-Shell White
3308120.017 Asm., Return Air Grille-Polar White
3105007.037 Cover Kit, Return Air-Shell White
3105007.045 Cover Kit, Return Air-Polar White
3105935.039 Cover Kit, Quick Cool-Shell White
3105935.047 Cover Kit, Quick Cool-Polar White
3106776.002 Kit, Cover w/conduit connector

WIRING DIAGRAM

**PASSED
DIELECTRIC**

