

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

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

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

6204(XX).331(X)
Roof Mounted Air Conditioner
6204(XX).336(X)
Roof Mounted Air Conditioner
With Solar Panel

120 VAC / 60 Hz.

Used With

***3106615.XXX Electronic ADB Or**
***3105007.XXX Cover Kit, Return Air Or**
***3105935.XXX Cover Kit, Return Air W/Quick Cool Grill Or**
***3308120.XXX Cover Kit, Genesis Return Air**
***AND**
3106995.032 Analog Thermostat Cool/Furn Or
3106995.065 Analog Thermostat Cool/Furn/HS

*** Requires One Thermostat Control**

PARTS LIST

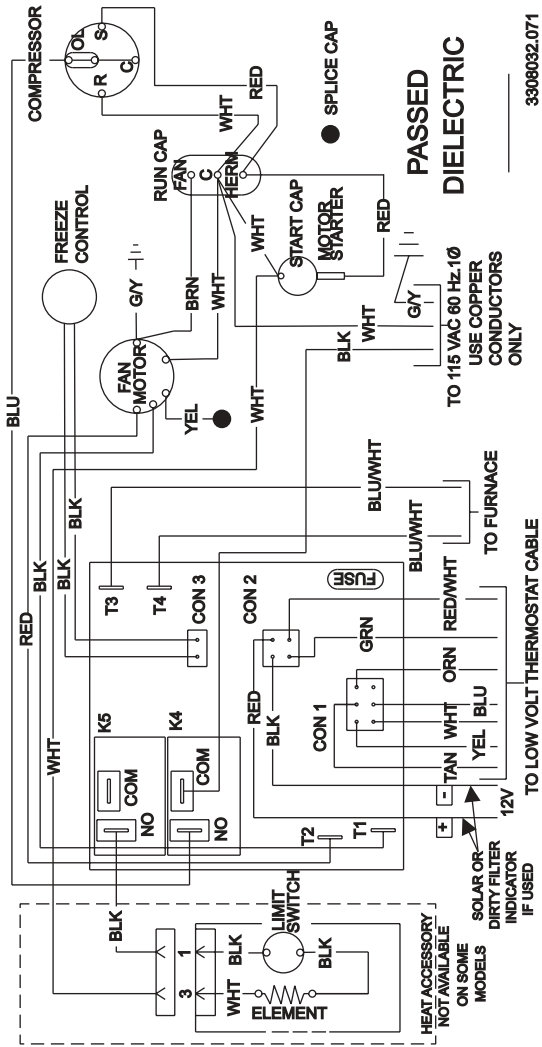
Model Number	Product Number
620412.331(X)	991760397
620415.331(X)	991760398
620415.336(X)	991760444
620425.331(X)	991760399
620425.336(X)	991760445
620426.331(X)	991760400
620426.336(X)	991760446

SPECIFICATIONS

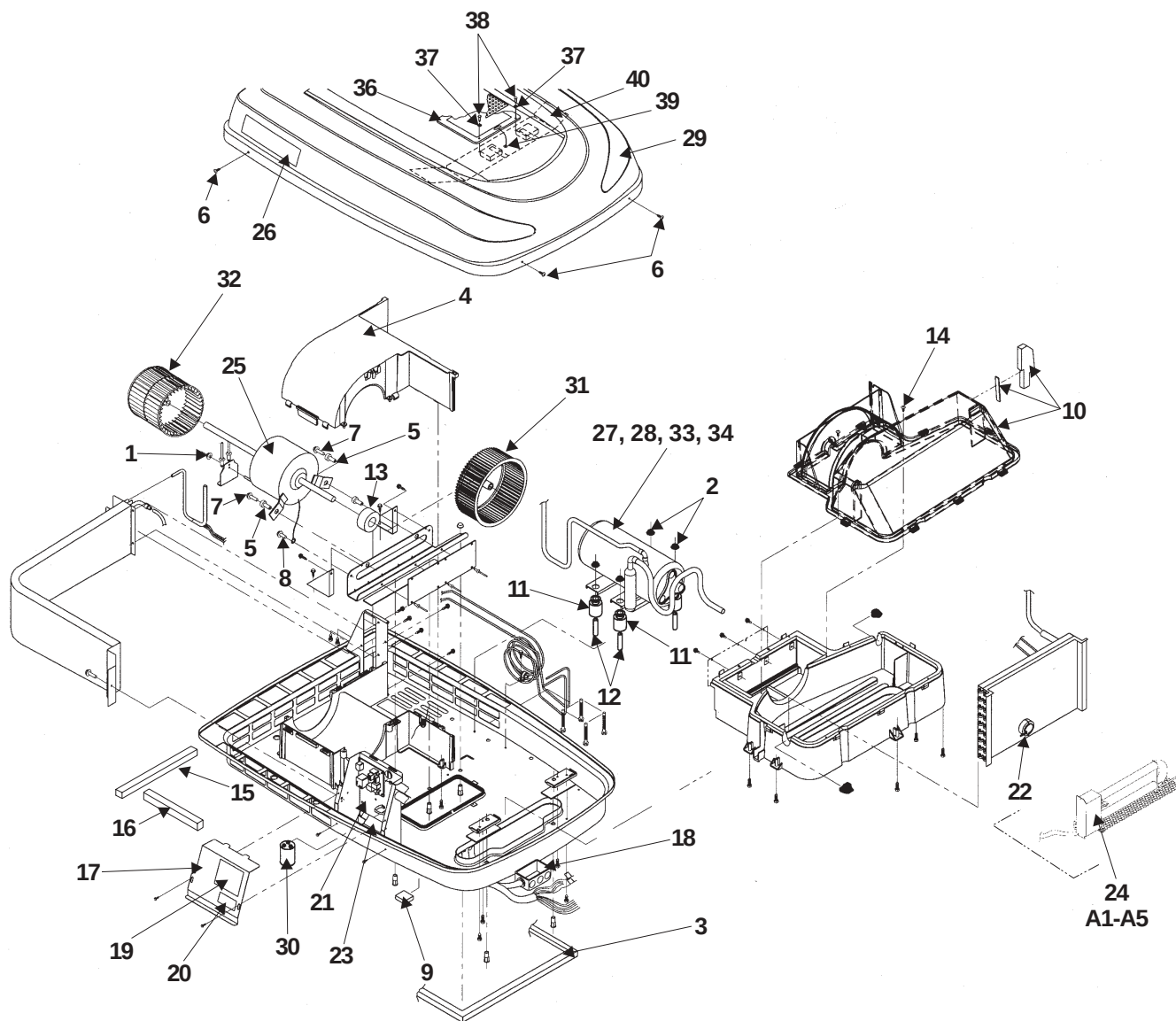
Model No.	Nominal Capacity (BTU/HR) Cooling	Electrical Rating	Compressor Rated Load Amps	Compressor Locked Rotor Amps	Fan Motor Rated Load Amps	Fan Motor Locked Rotor Amps	SCFM-High Speed Max/Min	Total Static Max/Min W.C.	Refrigerant R-22 (Oz.)	Minimum Wire Size*	AC Circuit Protection ***User Supplied	Installed Weight (Pounds)	Minimum Generator Size** 1Unit/2Units
620412.331	11,000	115 VAC, 60 Hz., 1 PH	9.5	53.0	3.5	10.0	335/250	.012/0.65	17.0	12AWG	20 Amp	95	2.5 KW/4.0 KW
620415.331	13,500		12.4	60.0	3.5	10.0	335/250	.012/0.65	15.2	Copper	20 Amp	95	3.5 KW/5.0 KW
620415.336	13,500		12.4	60.0	3.5	10.0	335/250	.012/0.65	15.2	Up To 24'	20 Amp	95	3.5 KW/5.0 KW
620425.331	13,500		12.4	60.0	3.5	10.0	335/250	.012/0.65	15.2		20 Amp	95	3.5 KW/5.0 KW
620415.336	13,500		12.4	60.0	3.5	10.0	335/250	.012/0.65	15.2		20 Amp	95	3.5 KW/5.0 KW
620426.331	15,000		12.0	64.0	3.3	8.2	380/250	.012/0.65	20.0		20 Amp	95	3.5 KW/5.0 KW
620426.336	15,000		12.0	64.0	3.3	8.2	380/250	.012/0.65	20.0		20 Amp	95	3.5 KW/5.0 KW

* 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.
*** **CIRCUIT PROTECTION:** Time Delay Fuse or HACR Circuit Breakers Required.

WIRING DIAGRAM



3308032.071



Only Parts Identified With An Index Number Are Available For Service Replacement.

CUSTOMER OPTIONS:

3106995.032 Analog Thermostat, Cool/Furn
 3106995.065 Analog Thermostat, Cool/Furn/HS
 3106615.002 Air Box Asm., Complete Electronic-Shell White
 3106615.010 Air Box Asm., Complete Electronic-Polar White
 3105007.003 Cover Kit, Return Air-Shell White
 3105007.011 Cover Kit, Return Air-Polar White
 3105007.037 Cover Kit, Return Air-Shell White W/Logo
 3105007.045 Cover Kit, Return Air-Polar White W/Logo
 3105935.005 Cover Kit, Return Air-Shell White W/Quick Cool Grill
 3105935.013 Cover Kit, Return Air-Polar White W/Quick Cool Grill
 3105935.039 Cover Kit, Return Air-Shell White W/Quick Cool Grill & Logo
 3105935.047 Cover Kit, Return Air-Polar White W/Quick Cool Grill & Logo
 3308120.009 Cover Kit, Genesis Return Air-Shell White
 3308120.017 Cover Kit, Genesis Return Air-Polar White

FILTER KITS:

3108047.006 Filter Kit, Electrostatic F/3105007/3105935 Return Air Cover
 3308155.005 Filter Kit, F/3308120.009 Genesis Return Air Cover-Shell White
 3308155.013 Filter Kit, F/3308120.017 Genesis Return Air Cover-Polar White

A = 620412.331(X)
B = 620415.331(X)
C = 620415.336(X)
D = 620425.331(X)
E = 620425.336(X)
F = 620426.331(X)
G = 620426.336(X)

620412.331(X)
620415.331(X)
620415.336(X)
620425.331(X)
620425.336(X)
620426.331(X)
620426.336(X)

Index	Description	Part Number	A	B	C	D	E	F	G
1	Nut, Flange Fan Motor	306342.003	A	B	C	D	E	F	G
2	Nut, Flange Compressor Mtg. (4 req.)	306342.002	A	B	C	D	E	F	G
3	Gasket, 14" X 14"	3100247.000	A	B	C	D	E	F	G
4	Housing, upper condenser	3308017.015	A	B	C	D	E	F	G
5	Nut, 1/4"-20 x .80 Well (2 Req.)	3308101.001	A	B	C	D	E	F	G
6	Screw, Shroud (4 req.)	313685.001	A	B	C	D	E	F	G
7	Screw, M 1/4"-20 x 1" HHW (2 req)	312110.030	A	B	C	D	E	F	G
8	Screw, T 10-32 x .38" HHST	312237.002	A	B	C	D	E	F	G
9	Block, Foam 2" x 2" x 3/4" (3 req.)	3100587.009	A	B	C	D	E	F	G
10	Housing Kit, Upper Evaporator	3309332.009	—	—	—	D	E	F	G
		3309348.005	A	B	C	—	—	—	—
11	Grommet, Compressor (4 req.)	3100238.181	A	B	C	D	E	F	G
12	Sleeve, Compressor (4 req.)	3100239.072	A	B	C	D	E	F	G
13	Collar, Foam Insulated	3307807.002	A	B	C	D	E	F	G
14	Screw, #8 x 3/4" Phillip (2 req)	—	A	B	C	D	E	F	G
15	Gasket, 16" X 1.5"	3100286.016	A	B	C	D	E	F	G
16	Gasket, 10" X 1.5"	3100286.032	A	B	C	D	E	F	G
17	Cover, Electric Box	3308105.000	A	B	C	D	E	F	G
18	Box, Junction	3101316.036	A	B	C	D	E	F	G
19	Decal, Field Wiring	3308032.071	A	B	C	D	E	F	G
20	Decal, Warning	3100384.019	A	B	C	D	E	F	G
21	Board, Relay HP/HS	3106996.030	A	B	C	D	E	F	G
22	Switch Kit, Low Temperature	3309191.009	A	B	C	D	E	F	G
23	Compressor Start Kit	3106732.013	A	B	C	D	E	F	G
24	Assembly, Heater	3105513.018	A	B	C	—	—	—	—
	A1 Switch, Auto Limit	3104568.005	A	B	C	—	—	—	—
	A2 Relief, Strain	302994.015	A	B	C	—	—	—	—
	A3 Cover, Heater	3104569.029	A	B	C	—	—	—	—
	A4 Bracket, Heater Mounting	3308104.011	A	B	C	—	—	—	—
	A5 Guard, Heater	3103821.001	A	B	C	—	—	—	—
25	Fan Motor Kit	3309333.007	A	B	C	D	E	—	—
	Fan Motor	3308038.009	—	—	—	—	—	F	G
26	Decal, Duo-Therm (2 req.)	3109274.005	A	B	C	D	E	—	—
	Decal, Duo-Therm 15,000 (2 req.)	3108694.021	—	—	—	—	—	F	G
27	Overload, Compressor	3100250.210	A	—	—	—	—	—	—
	Overload, Compressor	3100250.384	—	B	C	D	E	F	G
28	Nut Flange, Compressor Cover	306342.005	A	B	C	D	E	F	G
29	Shroud Kit	See Note 1	A	B	C	D	E	—	—
		See Note 2	—	—	—	—	—	F	G
30	Capacitor, Fan/Run	3100248.503	A	—	—	—	—	—	—
	Capacitor, Fan/Run	3100248.321	—	B	C	D	E	—	—
	Capacitor, Fan/Run	3100248.602	—	—	—	—	—	F	G
31	Wheel, Evaporator	3308392.004	A	B	C	D	E	—	—
	Wheel, Evaporator	3100273.006	—	—	—	—	—	F	G
32	Wheel, Condenser	3100386.006	A	B	C	D	E	—	—
	Wheel, Condenser	3100274.012	—	—	—	—	—	F	G
33	Cover, Compressor Terminal								
	(3-A-0174-ORC)	3102321.001	A	B	C	D	E	F	G
34	Gasket, Compressor Terminal Cover								
	(3-A-0173-ORC)	3102320.003	A	B	C	D	E	F	G
35	Indicator Board, (not shown)	3109855.019	—	—	C	—	E	—	G
36	Panel, Solar	3109856.009	—	—	C	—	E	—	G
37	Washer, (2 req)	309513.039	—	—	C	—	E	—	G
38	Screw (2 req)	3105445.005	—	—	C	—	E	—	G
39	Grommet	3109283.014	—	—	C	—	E	—	G
40	Bracket Assembly, Field Template	3307908.008	—	—	C	—	E	—	G

Note 1: Shroud Kit, Shell White 3308046.006
Shroud Kit, Polar White 3308046.014
Shroud Kit, Gray 3308046.022
Shroud Kit, Black 3308046.030

Note 2: Shroud Kit, Shell White 3308047.004
Shroud Kit, Polar White 3308047.012
Shroud Kit, Gray 3308047.020
Shroud Kit, Black 3308047.038