



WHEN ORDERING SPARE PARTS, ALWAYS STATE:

MODEL NO. - PRODUCT NO. - QUANTITY-

PART NO. - DESCRIPTION -

FOR ELECTRICAL DETAILS ALSO:

VOLTAGE - WATTAGE

USA

SERVICE OFFICE
Dometic Corp.
509 So. Poplar St.
LaGrange, IN 46761
260-463-4858

CANADA

Dometic Dist.
866 Langs Dr.
Cambridge, Ontario
CANADA N3H 2N7
519-653-4390

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

**630515.321
ROOF MOUNTED
RV HEAT PUMP**

115 VAC / 60 Hz.

Includes C, D & E Suffix No.

**USED WITH THE
3109228.001 COMFORT CONTROL CENTER
3106395.XXX AIR DISTRIBUTION BOXES
AND
3105007.XXX, 3105935.XXX & 3308120.XXX
RETURN AIR COVER KIT**

PARTS LIST

**MODEL
630515.321
Prod. No. 991760360**

REVISION

Form No. 3109747.018 3/03
(Replaces 3109747.000
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LaGrange, IN 46761



SPECIFICATIONS

MODEL NUMBER	630515.321	
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.	24.5	
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

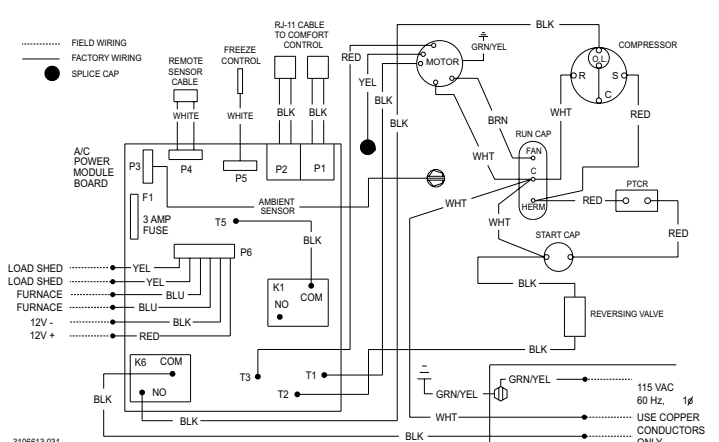
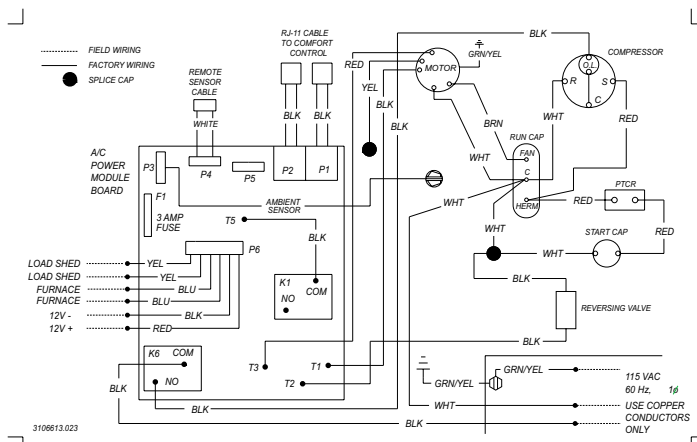
* Maximum unit performance achieved at full rated voltage.

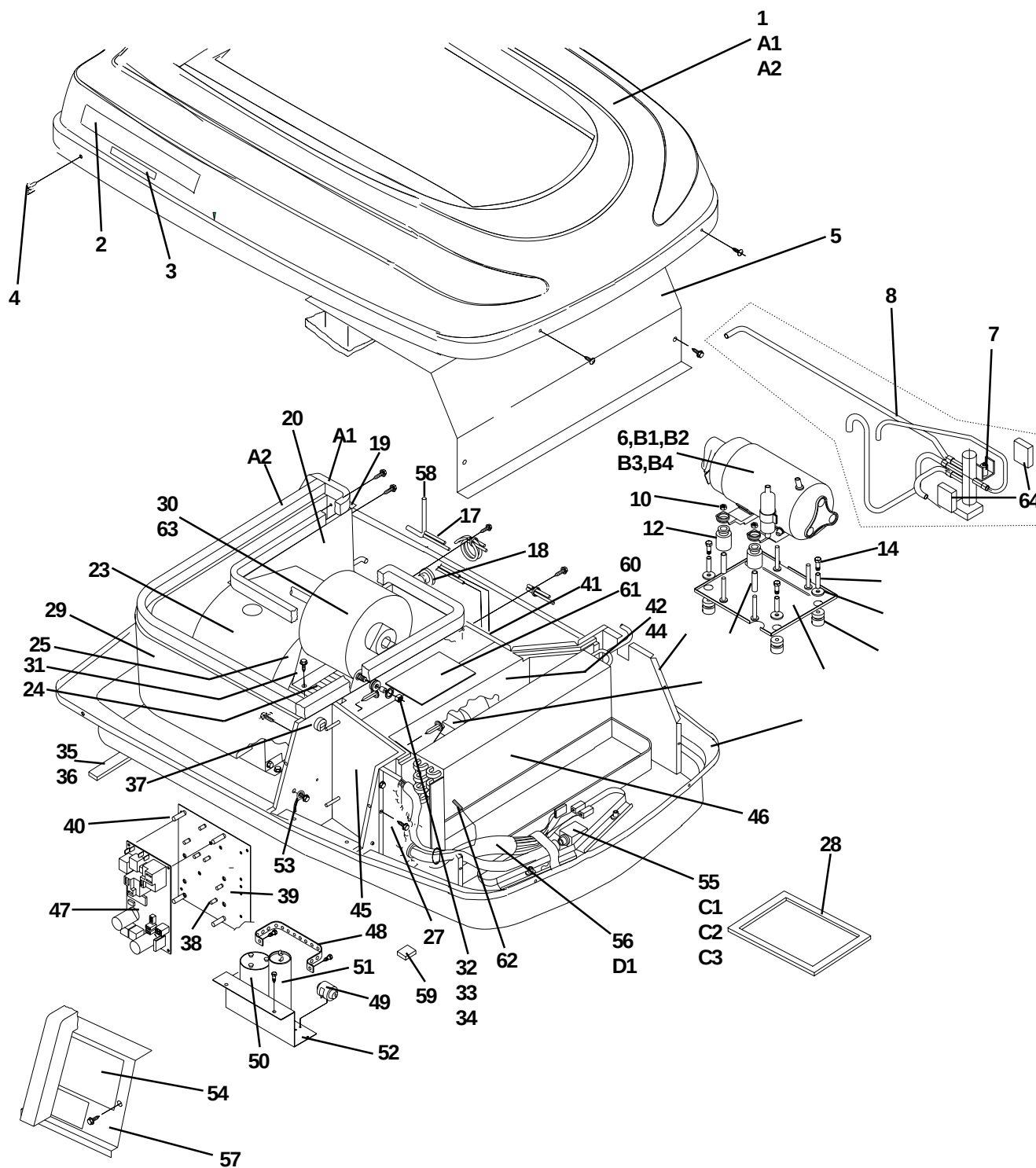
** For lengths over 24ft. , consult the National Electric Code.

*** Dometic Corp. 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.

WIRING DIAGRAM FOR MODELS EARLY VERSION 630515.321

WIRING DIAGRAM FOR MODELS LATER VERSION 630515.321





Index	Description	Part Number		
1	Kit, Shroud	See Note 1	55	Asm, Power Cable 3108703.194
A1	Tape, Foam 1.25" x 0.75" x 63"	3102669.052	C1	Sleeve Fiberglass 3100394.109
A2	Tape, Foam 1.25" x 1.25" x 35"	3102669.029	C2	Box , Junction 3101316.036
2	Decal, Duo-Therm (2 req.)		C3	Strain Relief 302994.015
	(Not Used On "D" or "E" Suffix)	3109274.005	56	Asm., Control Cable 3108703.186
3	Decal , Heat Pump (2 req.)		D1	Coupler, IN-Line (2 req.) 3106696.002
	(Not Used On "E" Suffix)	3106381.001	57	Cover, Electric Box 3102510.009
4	Screw, Shroud (4 req.)	313685.001	58	Tube, Process 315761.082
5	Cover, Evaporator w/insulation	3102514.803	59	Block, Foam 2" x 2" x 3/4" (2 req.) 3100587.009
6	Compressor, Asm	3102984.006	60	Insulation, Blwr. Hsg. Top 3105014.058
B1	Cover Terminal	3102321.001	61	Insulation, Blwr. Hsg. Bottom 3100294.002
B2	Gasket Terminal Cover	3102320.003	62	Sensor, Cold Control 3109409.001
B3	Overload	3100250.228	63	Collar, Foam 3308707.002
B4	Nut Flange	306342.005	64	Block, Ethafoam (3 req.) 3100587.017
7	Solenoid, Reversing Valve	3105504.009		
8	Asm, Reversing Valve Weldment	3106042.009		
9	Plate Cmpr. Mtg w/studs	3102590.035		
10	Nut, Flange (4 req.)	306342.002		
11	Sleeve, Compressor (4 req.)	3100239.072		
12	Grommet, Compressor (4 req.)	3100238.181		
13	Grommet, Cmpr. Mtg. Plate (4 req.)	3100238.207		
14	Screw, 1/4"-20 X 0.75" (4 req.)	312110.041		
15	Washer, Steel (4 req.)	309513.015		
16	Sleeve, Cmpr. Mtg. Plate (4 req.)	3100239.122		
17	Capillary Tube (2 req.)	3100245.392		
18	Bushing, Snap-in	301028.037		
19	Bulkhead, Condenser	3106143.013		
20	Blower Side, Rear	3100261.001		
23	Blower Scroll	3100260.003		
24	Wheel, Condensor	3100274.004		
25	Bulkhead, Blower	3100259.005		
26	Kit, Base Pan	3103179.010		
27	Bulkhead, Evaporator (Set RH/LH)	3102512.021		
28	Gasket, 14" X 14"	3100247.000		
29	Coil, Condensor	3106041.001		
30	Motor	3108706.924		
31	Mount, Motor (2 req.)	3106187.002		
32	Grommet, Motor (4 req.)	3100230.022		
33	Spacer (4 req.)	308046.002		
34	Nut, Flange (4 req.)	306342.003		
35	Gasket, 16" X 1.5" (2 req.)	3100286.016		
36	Gasket, 10" X 1.5"	3100286.032		
37	Strain Relief	302994.017		
38	Support, PC Board (6 req.)	3101623.019		
39	Plate, Adaptor PC Board	3107965.018		
40	Standoff, PC Board (8 req.)	3101624.017		
41	Bulkhead compressor	3102511.056		
42	Housing, Evap Blwr	3100300.007		
43	Wheel, Evap	3100385.008		
44	Insulation, Evap Blower	3108903.000		
45	Bulkhead, Elect Box	3102532.029		
46	Coil, Evaporator	3105970.002		
47	Board, AC Power	3109229.009		
48	Strap, Capacitor	317188.000		
49	PTCR Device	3100876.006		
50	Capacitor, Fan/Run	3100248.321		
51	Capacitor, Compressor Start	3100236.235		
52	Panel, Capacitor Mounting	3104412.006		
53	Ambient Sensor	3106483.021		
54	Decal, Field Wiring (early version)	3106613.023		
	Decal, Field Wiring (later version)	3106613.031		

NOTE 1:
Models ending in .321

use 3308046.006 Kit, Shroud, L/Decals-Shell White

Models ending in .321C or .321E

use 3308046.014 Kit, Shroud, L/Decals-Polar White

Models ending in .321D

use 3308046.022 Kit, Shroud, L/Decals-Light Gray

CUSTOMER OPTION:

3106395.001 Box Asm., Complete SW

3106395.019 Box Asm., Complete PW

3107180.006 Kit, Jct Box Cvr & Bolts

3109228.001 Comfort Control Center

3106486.008 Remote Sensor 20'

3106486.016 Remote Sensor 60'

3106486.024 Remote Sensor 40'

3105007.003 Cover, Kit Return Air-Shell White

3105007.011 Cover, Kit Return Air-Polar White

3105007.029 Cover, Kit Return Air-Gray

3105935.005 Cover, Quick Cool-Shell White

3105935.013 Cover, Quick Cool-Polar White

*3308120.009 Asm., Return Air Grill-SW

*3308120.017 Asm., Return Air Grill-PW

3106776.002 Kit, Cover w/conduit connector

* Replacement Filters available through Dometic

3308155.005 SW

3308155.013 PW