



When ordering parts, always state:
MODEL NO. - PRODUCT NO. - QUANTITY -
PART NUMBER - DESCRIPTION

For Electric Details also state:
VOLTAGE - WATTAGE

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
CANADA
519-720-9578

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

59530.(X)3(X)(X) Modularized Roof Top Air Conditioner

PARTS LIST

MODEL Number	Product Number
59530.532(X)	991760372
59530.536(X)	991760378
59530.631(X)	991731788
59530.632(X)	991760392

REVISION:
Form No. 3308735.012 8/06
(Replaces 3308735.004)
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LaGrange, IN 46761

Specification

Model Number	59530.53X(X)	59530.631(X)	59530.632(X)
Nominal BTU Capacity*			
Volts/Phase/Hertz (each circuit)	115 AC/1/60		
Compressor Run Amps	8.0	8.0	8.5
Compressor LRA	53	48.3	48.3
Fan Motor Run Amps	2.5	2.0	2.5
Fan Motor LRA	5.8	5.6	5.8
Heater Amps/Watts	N/A		
Wire size**	Up to 24 ft.- Use No. 12AWG 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, Province, and/or electrical codes.		
Refrigerant	R-22		
System Refrigerant Charge (ozs.)	18.5	19	18
Installed Weight (lbs.)	94	94	94
Generator Size (KW) - Min***			
1 Unit	2.5	2.5	2.5
2 Units	4.0	4.0	4.0

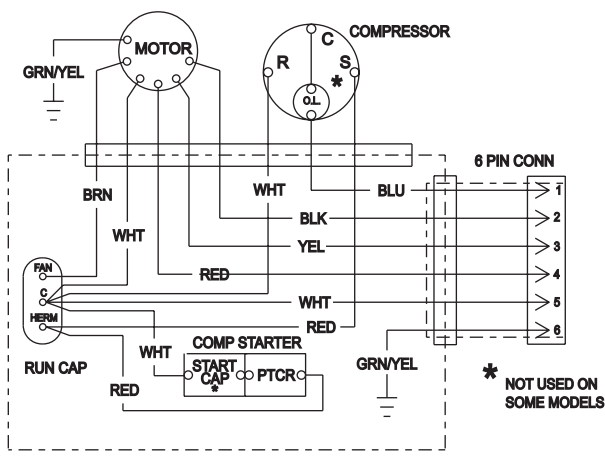
* Maximum unit performance achieved at full rated voltage.

** For lengths over 24 feet, consult the National Electrical Code.

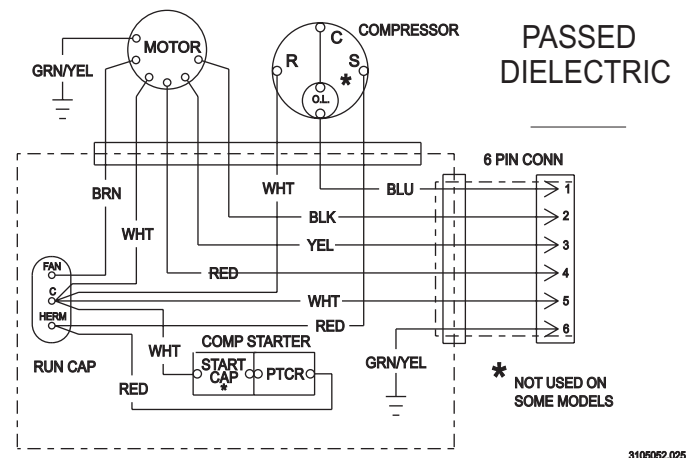
*** Dometic Corporation gives general guidelines for generator requirements. These guidelines come from experiences people have had in actual applications. When sizing the generator, the total power usage of your recreational vehicle must be considered. Also keep in mind generators lose power at high altitudes and from lack of maintenance.

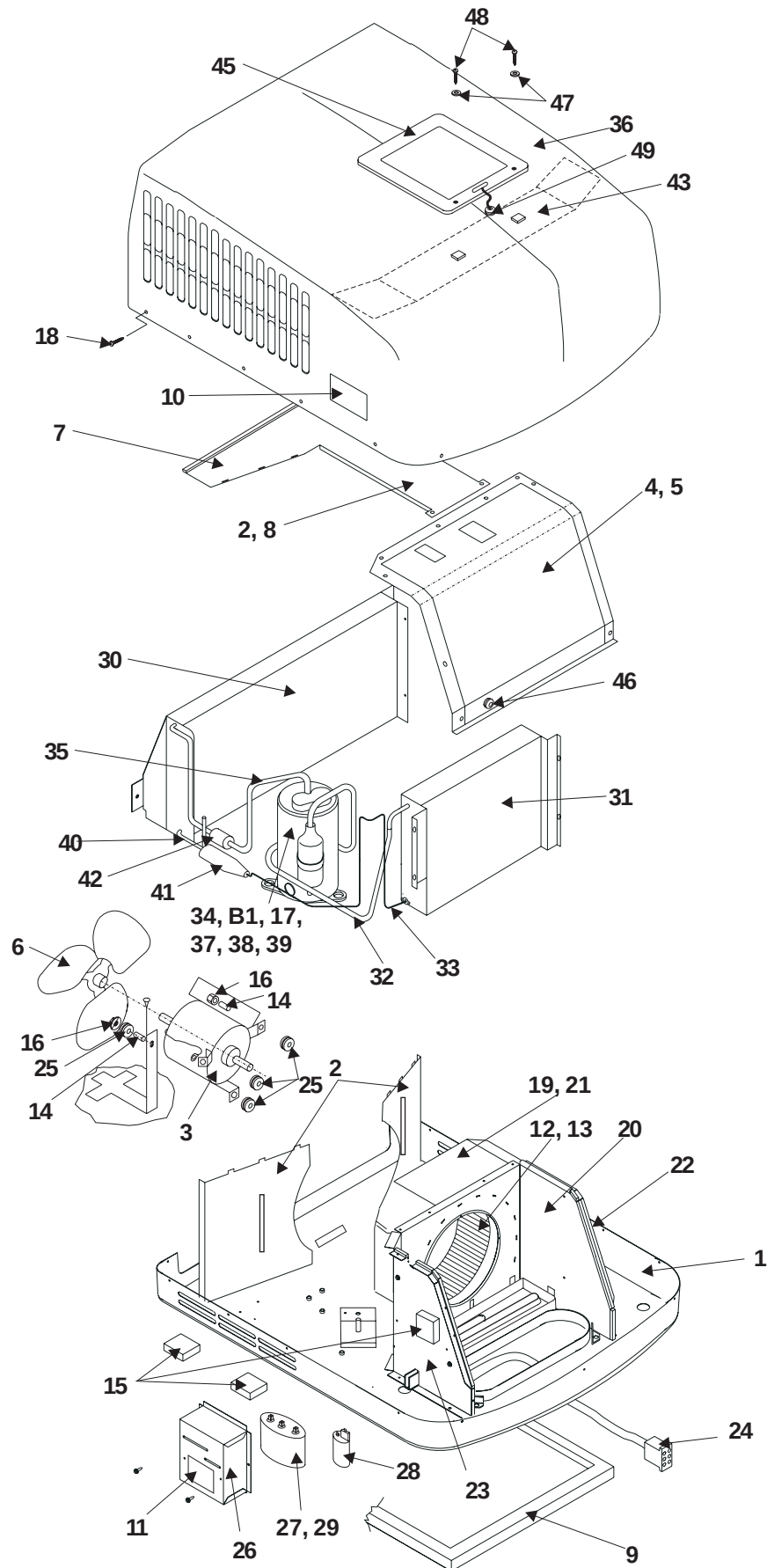
Wiring Diagram

Early Version



Later Version





Index No.	Description	Part No.	59530.532(X)	59530.536(X)	59530.631(X)	59530.632(X)	
1	Kit, Basepan	3108709.928	A	B	C	D	
2	Bulkhead, Condenser	-----	A	B	C	D	Discontinued 10/12/03
	Bulkhead, Condenser	3308459.001	A	B	C	D	Effective 10/13/03
3	Fan Motor	3108706.916	A	B	C	D	
4	Cover, Evaporator	-----	A	B	C	D	
5	Insulation, Evaporator Cover	3105014.066	A	B	C	D	
6	Blade, Fan Motor	3107914.008	A	B	C	D	
7	Cover, Condenser	309383.000	A	B	C	D	Discontinued 10/12/03
8	Brace, Bulkhead	3100357.023	A	B	C	D	Discontinued 10/12/03
9	Gasket, Roof	3108678.008	A	B	C	D	
10	Decal, Shroud Quick Cool (2 req.)	3104238.013	A	B	—	D	
11	Decal, Field Wiring	-----	A	B	C	D	Discontinued 8/24/03
	Decal, Field Wiring	-----	A	B	C	D	Effective 8/25/03
12	Wheel, Blower	3104887.009	A	B	C	D	
13	Ring, Blower Inlet	3106415.007	A	B	C	D	
14	Spacer, Fan Motor (4 req.)	308046.002	A	B	C	D	
15	Block, Foam (7 req.)	3100587.009	A	B	C	D	
16	Nut, Flange Fan Motor (4 req.)	306342.003	A	B	C	D	
17	Nut, Flange Compressor (3 req.)	306342.002	A	B	C	D	
18	Screw, Open End Shroud	SEE NOTE 2	A	B	C	D	
	Screw, Closed End Shroud	SEE NOTE 2	A	B	C	D	
19	Housing, Blower	3100865.033	A	B	C	D	
20	Bulkhead, Evaporator	3100831.084	A	B	C	D	
21	Insulation, Blower Housing	3104153.014	A	B	C	D	
22	Insulation, RH Evaporator Bulkhead	3108137.013	A	B	C	D	
23	Insulation, LH Evaporator Bulkhead	3108137.005	A	B	C	D	
24	Plug, 6 Pole	3106625.019	A	B	C	D	
25	Grommet, Fan Motor (4 req.)	3100230.022	A	B	C	D	
26	Box, Electrical	3108030.002	A	B	C	D	
27	Strap, Capacitor	317188.000	A	B	C	D	
28	Starter, Compressor Motor	3106732.005	A	B	C	D	
29	Fan/Run Capacitor	3100248.594	A	B	—	—	
	Fan/Run Capacitor	3100248.453	—	—	C	—	
	Fan/Run Capacitor	3100248.339	—	—	—	D	
30	Coil, Condenser	3100817.034	A	B	—	D	
	Coil, Condenser	-----	—	—	C	—	
31	Coil, Evaporator	3107338.026	A	B	—	D	
	Coil, Evaporator	3105060.028	—	—	C	—	
32	Suction Line	-----	A	B	—	—	
	Suction Line	-----	—	—	C	—	
	Suction Line	-----	—	—	—	D	
33	Capillary Tube	-----	A	B	—	—	
	Capillary Tube (2 req.)	3100245.467	—	—	C	—	
	Capillary Tube	-----	—	—	—	D	
34	Asm., Compressor (2P15S3R126B-1F)	-----	A	B	—	—	
	B1 Overload Protector	3100250.400	A	B	—	—	
	Asm., Compressor (RKA5510EXA)	-----	—	—	C	D	
	B1 Overload Protector	3100250.285	—	—	C	D	
35	Discharge Line	3108683.008	A	B	—	—	Discontinued 7/8/03
	Discharge Line	-----	A	B	—	—	Effective 7/9/03
	Discharge Line	-----	—	—	C	D	
36	Shroud	SEE NOTE 1	A	B	C	D	
37	Grommet, Compressor (3 req.)	3100238.165	A	B	—	—	
	Grommet, Compressor (3 req.)	3100238.207	—	—	C	D	

Index No.	Description	Part No.	59530.532(X)	59530.536(X)	59530.631(X)	59530.632(X)
38	Screw, Compressor (3 req.)	307987.021	A	B	—	—
	Screw, Compressor (3 req.)	-----	—	—	C	D
39	Sleeve, Compressor (3 req.)	3100239.072	A	B	—	—
	Sleeve, Compressor (3 req.)	3100239.122	—	—	C	D
40	Line, Process	-----	A	B	C	D
41	Dryer, Filter	3103882.001	—	—	C	—
42	Insulation	-----	A	B	C	D
43	Bracket, Field Template	3307853.006	—	B	—	—
44	Indicator, Charge (not shown)	-----	—	B	—	—
45	Panel, Solar	3307852.008	—	B	—	—
46	Strain Relief, Evaporator Cover	-----	—	B	—	—
47	Washer (2 req.)	-----	—	B	—	—
48	Screw (2 req.)	3105445.005	—	B	—	—
49	Grommet, Shroud	-----	—	B	—	—

NOTE 1: **Open End Shroud (Shell White) 3309518.003**
Open End Shroud (Polar White) 3309518.003
Open End Shroud (Light Gray) 3309518.003
***Closed End Shroud (Shell White) 3308781.008**
***Closed End Shroud Polar White) 3308782.006**
***Closed End Shroud (Gray) 3308783.004**
Closed End Shroud (Polar White) 3309364.002
Closed End Shroud (Black) 3309364.010

***Shroud can not be painted.**

NOTE 2: **Screw, Open End Shroud 313685.001 (Qty. 14)**
Screw, Closed End Shroud 3308261.001 (Qty. 4)

Customer Options:

Comfort Control Center	3109228.001
Control Kit, Electronic w/o heat	3109407.001
Control Kit, Electronic	3106917.002
Sensor Kit, 20'	3106486.008
Sensor Kit, 60'	3106486.016
Sensor Kit, 40'	3106486.024
Bolt Kit, 6"	3100895.006
Screen, Decorative	3101701.005
Bolt Kit, 9.5"	3100895.014
Cover Kit, Return Air SW	3105007.037
Cover Kit, Return Air PW	3105007.045
Cover Kit, Return Air SW	3105935.039
Cover Kit, Return Air PW	3105935.047
Asm., Return Air Grill SW	3308120.009
Asm., Return Air Grill PW	3308120.017
Air Box Asm., SW	3107210.001
Air Box Asm., PW	3107210.019
Box Asm., Complete SW	3107211.009
Box Asm., Complete PW	3107211.017
Control Kit, Analog Cool/Furn.	3107541.009