

# SELF CONTAINED MARINE AIR CONDITIONING UNITS SPECIFICATIONS



UNIT MODEL	SC5DC	SC7DC	SC12DC	12V DOME	SC05VI	SC09VI	SC17VI
<b>Cooling Capacity (BTU/h)</b>	5000	7000	12000	12000	5000	9000	17000
<b>Heating Capacity (BTU/h)</b>	5500	7200	12300	12300	5800	9800	17800
<b>Power Source</b>	12V DC					110-240V AC	
<b>Cooling Amp Draw</b>	17-27.9	18-29.5	22-44	22-44	1.9-4.2 (1.0-2.1)	1.3-5.2 (0.7-2.6)	2.9-9.0 (1.9-4.8)
<b>Heating Amp Draw</b>	20-33.8	21.2-38.3	28-48	28-48	2.3-5.1 (1.2-2.6)	1.6-6.2 (0.9-3.1)	3.4-11.1 (2.2-5.6)
<b>Fan Blower (CFM) (Low/Med/High)</b>	100/180/220	210/305/370	410/495/525	310/380/440	100/200/300	300/400/500	570/670/800
<b>Refrigerant</b>	R-134a					R-410a	
<b>Minimum Air Duct Size (in) [mm]</b>	4 [101.6]		5 [127]	<b>Ductless</b>	4 [101.6]	5 [127]	6 [152.4]
<b>Minimum Return Air Grille Size (sq in) [sq cm]</b>	64 [412.9]		80 [516.13]	48 [309.68]	64 [412.9]	80 [516.13]	100 [645.16]
<b>Minimum Supply Air Grille Size (sq in) [sq cm]</b>	16 [103.23]		25 [161.29]	48 [309.68]	16 [103.23]	25 [161.29]	36 [232.26]
<b>Seawater Pipe Inside Diameter (in) [mm]</b>	5/8 [15.88]						
<b>Unit Weight (lbs) [kg]</b>	32 [14.52]	41 [18.6]	50 [22.68]	55 [24.95]	29 [13.15]	43 [19.51]	59 [26.76]
<b>Unit Dimensions (LxWxH) (in) [mm]</b>	15 x 8 x 10 [381x203.2x254]	16.5 x 10 x 11.5 [419.1x254x292.1]	16.5 x 10 x 11.5 [419.1x254x292.1]	-	16.5 x 10 x 11.5 [419.1x254x292.1]	17 x 11 x 12 [431.8x279.4x304.8]	20 x 13.5 x 14 [508x342.9x355.6]
<b>Unit Dimensions (Diameter x Height) (in) [mm]</b>	-	-	-	23 x 8 [584.2 x 203.2]	-	-	-

All units come standard with a color touch screen display, display cable, mounting hardware and return temperature sensor. DC units include a 350GPH 12V pump.



## Experience ideal temperatures on your boat year-round with Mabru

Elevate your boating experience with Mabru, renowned for delivering exceptional climate control on a variety of vessels. Our units are engineered to be powerful, quiet, and compact, utilizing high-quality materials to ensure both efficiency and durability.

### New Feature

- WiFi MODULE:** We are pleased to introduce our new WiFi module, designed to seamlessly integrate with our marine units. This advanced module allows for remote control and the ability to set automated settings, enhancing convenience and control over your onboard climate system.

- ECO MODE:** Now standard on the **12V DC** line and the **International Voltage Line**. Eco Mode is tied to the fan speed. Lower fan speeds reduce the compressor speed, conserving power and providing longer run time.



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### Additional Mabru Products

- MARINE PUMPS:** Our marine pumps are engineered to be compact, quiet, and exceptionally reliable. Designed with precision and crafted with the highest standards, these pumps deliver consistent performance and dependability, ensuring complete satisfaction.

- MABRU 12V DC RV ROOFTOP AIR CONDITIONERS:** While our primary expertise lies in marine applications, we extend the same level of innovation and quality to RV owners. We recognize the importance of superior performance and reliability in recreational vehicles and are committed to delivering exceptional solutions in this area as well.

### KEY BENEFITS

- Heats and cools
- Color touch screen display
- Copper fin antimicrobial evaporator
- B30 condensing coil
- High-velocity blower
- Water and airflow safety sensors
- Stainless steel drain pan
- Compact, space saving design

### WARRANTIES

- 1st year, covers parts and labor
- 2nd year, covers parts only
- Lifetime warranty on the compressor