

# MABRU DC AIR CONDITIONING UNITS SPECIFICATIONS



Climate Control **Beyond The Grid**

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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. **All Mabru self-contained units provide both heating and cooling.**



UNIT MODEL	SC5DC	SC7DC	SC12DC
Cooling Capacity (BTU/h)	5000	7000	12000
Heating Capacity (BTU/h)	5500	7200	12300
Power Source	12V DC		
Cooling Amp Draw	17-27.9	18-29.5	22-44
Heating Amp Draw	20-33.8	21.2-38.3	28-48
Fan Blower (CFM) (Low/Med/High)	100/180/220	210/305/370	410/495/525
Refrigerant	R-134a		
Minimum Air Duct Size (in) [mm]	4 [101.6]		5 [127]
Minimum Return Air Grille Size (sq in) [sq cm]	64 [412.9]		80 [516.13]
Minimum Supply Air Grille Size (sq in) [sq cm]	16 [103.23]		25 [161.29]
Seawater Pipe Inside Diameter (in) [mm]	5/8 [15.88]		
Unit Weight (lbs) [kg]	32 [14.52]	41 [18.6]	50 [22.68]
Unit Dimensions (LxWxH) (in) [mm]	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]

Note: Amp draw is calculated with 12.8V DC

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