

BlueCool S-Series

Self-contained air conditioning units

Now Available 115 V



Self-contained air conditioners are suitable for boats with up to three cabins. The range is designed in a compact way. For a solid and highly functional base, they are mounted on extra-deep, thermally insulated, stainless steel trays. All units are epoxy-painted for durable corrosion protection. Highly efficient compressors allow extremely low power consumption. Additionally, a multi-point injection evaporator offers higher unit efficiency. The installation of a self-contained unit is very simple. Each cabin has its own self-contained unit providing cool air to the cabin. Generated heat is transferred to the sea via the sea water circuit. The control unit is located in the same cabin as the air conditioner.

Features:

- High efficiency using R410a refrigerant
- Continuous operation even under tropical conditions
- Compact
- New electronics with USB diagnosis
- Quiet operation
- Robust design
- MyTouch display

Self-contained Air Conditioners:

- Stand alone unit
- Heating via reverse cycle integrated
- Extremely compact
- All components on one tray
- Seven sizes available
- Lowest power consumption
- Including electronics, blower and controls



Technical Specifications:

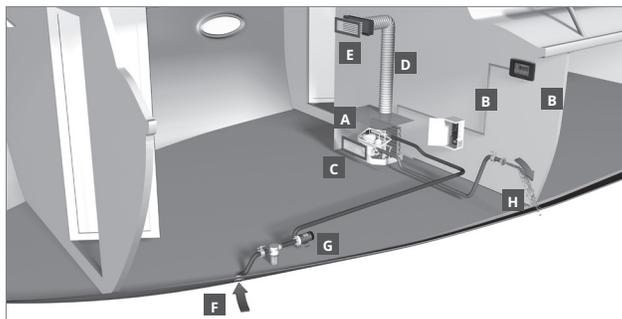
Type	BlueCool S-Series 115 V				
	S6-115V	S8-115V	S10-115V	S13-115V	S16-115V
Part Number	2510139	2510140	2510141	2510142	2510143
Cooling capacity (BTU/h) *	6,000	8,000	10,000	13,000	16,000
Voltage (V)	115				
Current consumption, operation [A] 60Hz **	3.6 – 5.5	4.5 – 6.1	5.6 – 7.9	7.6 – 11	8.0 – 15.7
Fan output, free-blowing [m³/h] (cfm)	[275] (162)		[350] (206)	[430] (253)	[650] (382)
Supply air grille [cm²]	150	235		250	390
Minimum thickness insulation air duct [mm] (inch)	[4] (5/32")				
Ø Sea water connection [mm] (inch)	[19] (3/4")				
Dimensions L x W x H (mm)	405 x 320 x 300	405 x 320 x 305	480 x 335 x 315	520 x 345 x 325	540 x 353 x 340
Dimensions L x W x H (inch)	16 x 12.6 x 11.8	16 x 12.6 x 12	18.9 x 13.2 x 12.4	20.5 x 13.6 x 12.8	21.6 x 13.9 x 13.4

* BTU/h and electrical data are based on 7 °C evaporation temperature and 38 °C condensation temperature

** Current consumption of self-contained air-conditioning unit is dependent on compressor output. Maximum values under tropical conditions.

Model	BlueCool S-Series 230 V						
	S6-230V	S8-230V	S10-230V	S13-230V	S16-230V	S20-230V	S27-230V
Part Number	WBCL120000	WBCL120001	WBCL120002	WBCL120003	WBCL120004	WBCL120005	WBCL120006
Cooling Capacity*	6,000 (BTU/h) / 1.8 kW	8,000 (BTU/h) / 2.3 kW	10,000 (BTU/h) / 2.9 kW	13,000 (BTU/h) / 3.8 kW	16,000 (BTU/h) / 4.7 kW	20,000 (BTU/h) / 5.9 kW	27,000 (BTU/h) / 7.9 kW
Supply Voltage	230 V						
Current draw running**	2.4 – 2.9 A	3.5 – 4.9 A	3.5 – 5.2 A	4.5 – 7.7 A	6.0 – 8.7 A	6.5 – 10.8 A	8.5 – 13.7 A
Fan output, free-blowing [m³/h] (cfm)	[275] (162)	[400] (235)	[500] (294)	[625] (368)	[625] (368)	[625] (368)	[2x550] (2x324)
Sea water connection	3/4 in / 19 mm						
Minimum sea water flow	1.6 gal/ min 6 l/min	2.1 gal/ min 8 l/min	2.6 gal/ min 10 l/min	3.2 gal/ min 12 l/min	3.4 gal/ min 13 l/min	4.5 gal/ min 17 l/min	5.5 gal/ min 21 l/min
Diameter air outlet	4 in / 100 mm			5 in / 125 mm			2 x 5 in / 2 x 125 mm
Dimension (L x W x H)	16 x 12.6 x 11.8 in 405 x 320 x 300 mm	16 x 12.6 x 12 in 405 x 320 x 305 mm	18.9 x 13.2 x 12.4 in 480 x 335 x 315 mm	20.5 x 13.6 x 12.8 in 520 x 345 x 325 mm	21.6 x 14 x 13.4 in 540 x 353 x 340 mm	23.2 x 14.2 x 14.4 in 590 x 360 x 365 mm	22.4 x 20 x 16 in 570 x 510 x 405 mm

Installation example:



- A** Air-conditioning unit
- B** Air control (control unit)
- C** Return air grille
- D** Air ducting
- E** Supply air grille
- F** Sea water inlet
- G** Sea water pump
- H** Overboard discharge



MyTouch Display

The BlueCool MyTouch display is the new standard display for all new BlueCool A/C Series.

3 different software designs and Webasto cover plate



Self-contained units



Contact