

## New BlueCool S-Series & BlueCool Classic

Self-contained air-conditioning units



The 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.

### Self-contained air-conditioners:

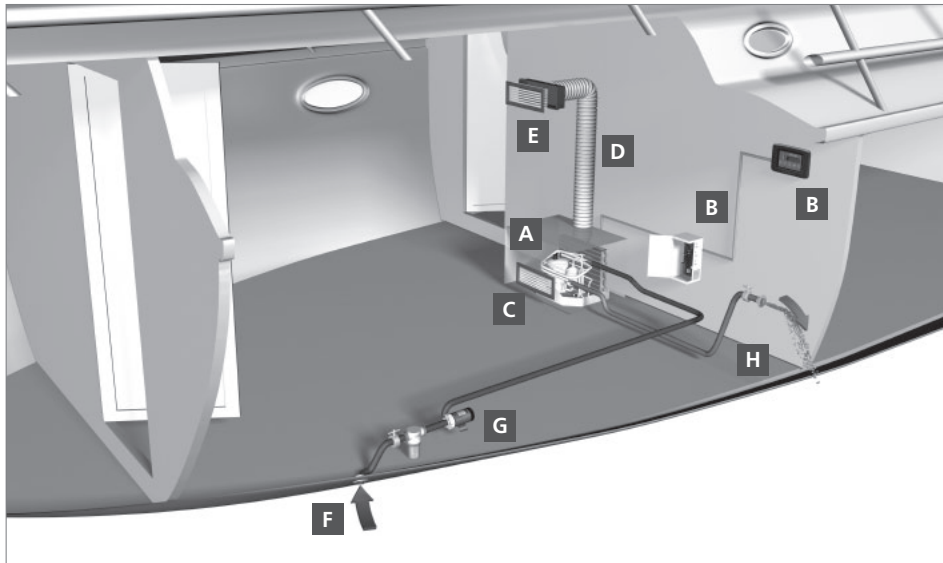
- Stand alone unit
- Heating via reverse cycle integrated
- Extremely compact
- All components on one tray
- Seven sizes available
- Lowest power consumption
- Including electronics, blower and controls

### The new BlueCool S-Series:

- Efficiency increased up to 15 %
- Continuous operation even under tropical conditions
- Overall size is reduced up to 20 %
- New electronics with USB diagnosis
- Quiet operation
- Robust design
- Soft start devices available as an option

**NEW**

### 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

### Technical specifications:

Model	BlueCool Classic	BlueCool S-Series					
	SC5	S8	S10	S13	S16	S20	S27
Cooling capacity (BTU/h)*	5,000	8,000	10,000	13,000	16,000	20,000	27,000
Supply voltage (V)	230	230	230	230	230	230	230
Current draw running** (A)	1.7 – 2.4	2.4 – 3.5	2.6 – 4.0	3.6 – 6.3	4.9 – 7.2	5.9 – 8.9	7.0 – 10.5
Cooling capacity (kW)	1.4	2.3	2.9	3.8	4.7	5.9	7.9
Blower output*** (m <sup>3</sup> /h, cfm)	275 162	275 162	400 235	500 294	625 368	625 368	2 x 550 2 x 324
Sea water connection (mm/“)	16 5/8	19 3/4	19 3/4	19 3/4	19 3/4	19 3/4	19 3/4
Minimum sea water flow (l/min.)	5	8	10	12	13	17	21
Dimension L x D x H (mm/inch)	424 x 285 x 278 16.7 x 11.2 x 10.9	313 x 400 x 301 12.3 x 15.8 x 11.9	310 x 475 x 310 12.9 x 18.5 x 12.0	355 x 500 x 320 14.0 x 19.8 x 12.6	360 x 540 x 330 14.1 x 21.2 x 13.0	340 x 590 x 370 14.2 x 23.2 x 14.3	510 x 570 x 390 20.0 x 22.5 x 15.4
Diam. air outlet (mm/inch)	100 4	100 4	100 4	125 5	125 5	125 5	2 x 125 2 x 5

\* BTU/h are based on 7°C evaporating temperature and 38°C condensing temperature

\*\* Amperage values depend on compressor load. Max values stated for tropical conditions at 230 V/50 Hz \*\*\* Free blowing

### Control element:



Digital control