

Modular air handler system

BlueCool A-Series



Compact air handler
4,000 BTU/h – 36,000 BTU/h



SlimLine air handler
6,000 BTU/h – 18,000 BTU/h



Low Profile air handler
6,000 BTU/h – 18,000 BTU/h

The central chiller unit is typically installed in the engine room, providing chilled water/glycol to all cabins via a water circuit. One or more air handler(s) in each cabin are fitted to generate the required cooling capacities individually in each room.

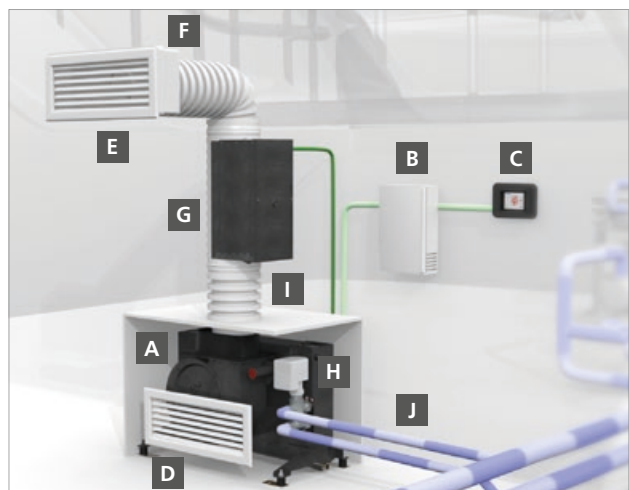
Webasto provides an completely new designed air handler portfolio in 3 different layouts with a performance range from 4,000 – 36,000 BTU/h to suit all sizes and space requirements of your boat.

With the innovative Webasto Instant Drain system for smart management of condensate and the modular concept the new BlueCool A-Series is the perfect solution for all your needs. In addition to horizontal and vertical layouts, accessories such as Electrical heating, Flow control valve or the electronic silencer for significant reduction of blower noise can fine-tune your applications.

Key benefits at a glance:

- Three possible shapes to cope with any installation demand: Compact, Slimline and Low profile
- New modular system with various options
- Innovative Webasto Instant Drain system for smart management of condensate
- High quality stainless steel condensate tray
- High performance with high cooling capacity and high air flow
- Super Silent with
 - flexible vibration isolation mounts
 - larger ducts to reduce noise from air speed
- Oversized heat exchanger tested under tropical conditions
- Rotatable blower

Application concept – BlueCool water systems



- A** Air handler
- B** Cabin control box
- C** MyTouch Display
- D** Return air grill
- E** Supply air grill
- F** Transition box
- G** Electric heat module
- H** Flow Control Valve
- I** Air ducting
- J** Chilled water circuit

Technical Specifications

Model	Compact	Slim Line	Low Profile
Cooling capacity (BTU/h)	4,000 – 36,000	6,000 – 18,000	6,000 – 18,000
Cooling capacity (kW)	1.2 – 10.7	1.9 – 5.6	1.9 – 5.6
Voltage (V)	230	230	230
Frequency (Hz)	50/60	50/60	50/60
Current draw running (A)	0.5 – 2.1	0.5 – 1.1	0.5 – 1.1
Air flow (free blowing) (m ³ /h, cfm)	230 – 1550 135 – 912	380 – 750 224 – 441	380 – 750 224 – 441
Ø Blower connection (mm/inch)	A4 Compact: 100/4 (round) A6 and A9 Compact: 125/5 (round) A12 and A18 Compact: 150/6 (oval) A24 and A36 Compact: 2 x 150/6 (oval)	A6 and A9 Slimline: 125/5 (round) A12 and A18 Slimline: 150/6 (oval)	A6 and A9 Slimline: 125/5 (round) A12 and A18 Slimline: 150/6 (oval)
Weight (kg)	6 – 21	7 – 12	10 – 16



BlueCool MyTouch Display

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

- Full color, high resolution, interactive 2,4" touch screen
- Multiple customization options available (design, colors, language, photos, etc.)
- Protected: full access to system configuration parameters
- Compatible with Vimar Eikon, Eikon EVO, Plana, Bticino Axolute



BlueCool Export Tool

BlueCool Export Tool suitable for all BlueCool AC units:

- Plug and Play USB connection
- Easy parameter setting
- Real time monitor function
- Continuous data logging
- Manual activation of single components (pumps, compressors, 4/2 way valve etc.)
- Possible remote access via internet