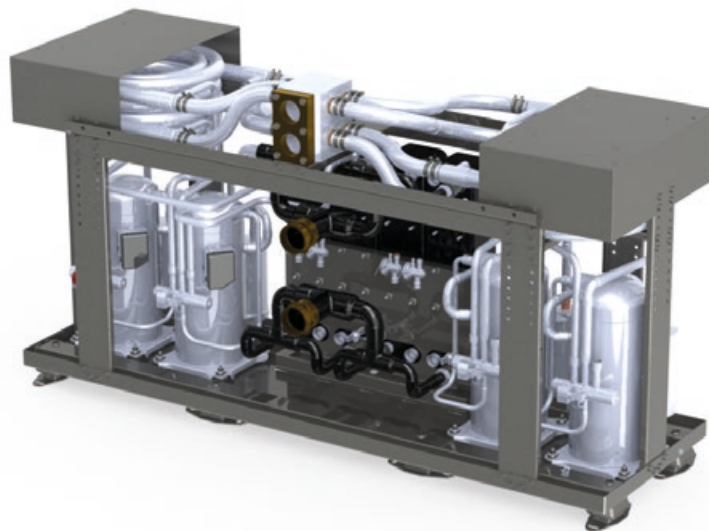


Professional chiller systems

BlueCool P-Series



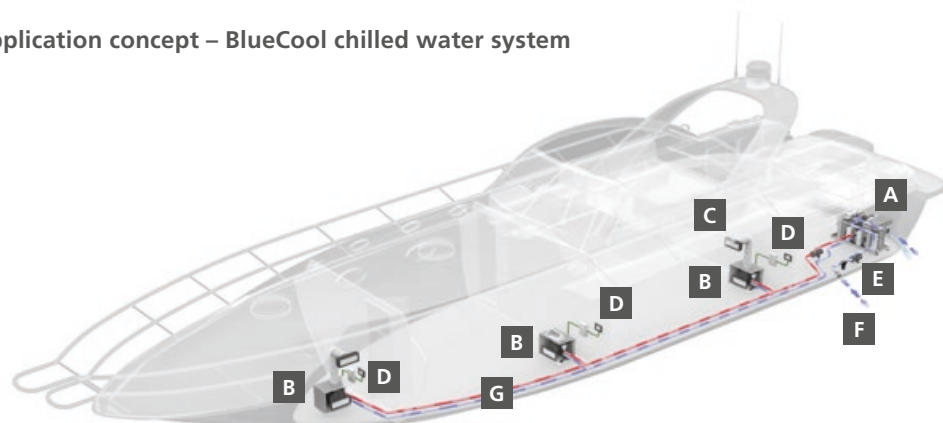
The BlueCool P-Series is a chiller system for boats with several cabins. Whenever three or more independent areas in a yacht need to be air-conditioned, a central chiller system is the right choice. The chiller unit is typically placed in the engine room, providing chilled water/glycol to all cabins via the chilled water circuit. One or several air handlers are fitted in each cabin providing the required cooling capacities to the rooms. The system offers one control for the unit itself as well as separate panels for each cabin.

This professional chiller systems for medium to large boats and superyachts are highly customizable to the demands of shipyards and national legislation. In addition to a wide range of cooling capacities, many options can be selected. Configure your perfect professional chiller – customized to your needs.

Key benefits at an glance:

- Professional chiller system for medium to large boats and super yachts
- Highly customizable chiller series with large range of 30,000 – 572,000 BTU/h to adapt to cooling demand
- Multiple scroll compressor units with independent cooling circuits for high availability
- Improved electronics – fulfilling highest EMC standards EN 60945
- BlueCool Expert tool for service, configuration, application tuning, diagnosis and system setup
- Optional CAN-Bus for integration into boats central monitoring systems
- Unique Thermostatic Advance Function for power output continuously adapted to cooling demand
- Electrical systems can be upgraded to customer needs with PRO box or fulfilling MCA requirements

Application concept – BlueCool chilled water system



- A** Chiller A/C unit in the engine room
- B** Fan-type air handler
- C** Cold-air outlets
- D** Control box with MyTouch display
- E** Sea water pump
- F** Sea water cooling circuit
- G** Chilled water circuit

Technical specifications

Model	P30 Mono – P143 Mono	P60 Twin – P120 Twin	P126 TRI – P252 TRI	P120 QTT – P572 QTT
Cooling capacity (BTU/h)	30,000 to 143,000	60,000 to 120,000	126,000 to 252,000	120,000 to 572,000
Cooling capacity (kW)	8.7 – 41.8	17.6 – 35.2	37 – 73.8	35 – 168
Heating via reverse cycle integrated	yes	yes	yes	yes
Voltage (V)	230/208/400	230/208/400	230/208/400	230/208/400
Frequency (Hz)	50/60	50/60	50/60	50/60
Current draw running (A)	6.8 – 12 (230 V) 5.0 – 24 (208 V) 2.9 – 13 (400 V)	14 – 25 (230 V) 10 – 33 (208 V) 5.8 – 12 (400 V)	28 – 37 (230 V) 21 – 72 (208 V) 12 – 25 (400 V)	27 – 49 (230 V) 20 – 95 (208 V) 12 – 53 (400 V)
Minimum sea water flow at 50 Hz (l/min.)	19 – 93	38 – 80	82 – 145	80 – 325
Weight core unit (kg)	55 – 125	90 – 160	180 – 260	190 – 725



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