

Webasto BlueCool Premium

High-quality Air Conditioning on Board

Webasto BlueCool Premium air conditioner solutions offer state-of-the-art cooling performance 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.

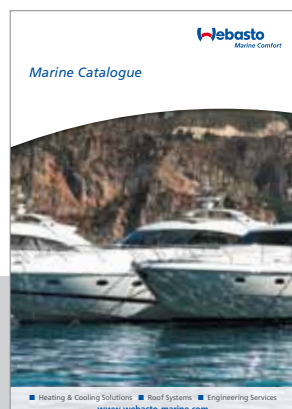
Installation and control:

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.



Product Highlights:

- Best in marine A/C air conditioning systems: ability to provide adequate cooling wherever it is needed
- Largest BTU/h range on the market to fit any size of boat or superyacht
- Widest range of air handlers providing numerous application solutions
- Ideal basis for our BlueComfort systems (integration of an A/C unit with a fuel fired heater)



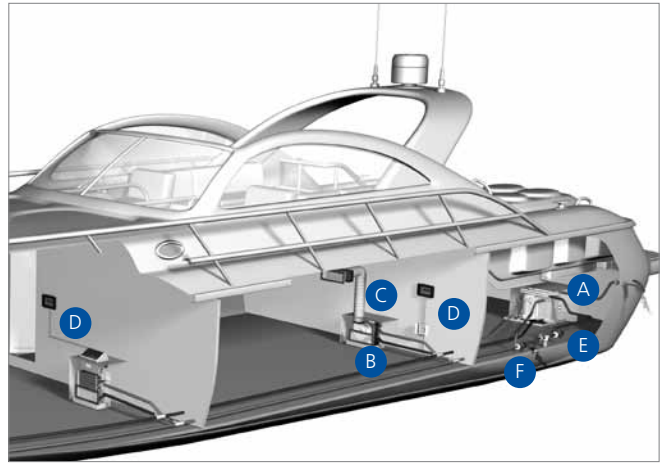
For the complete Webasto range of accessories, please refer to the Marine catalogue.



Digital chiller control

Installation example for a Webasto BlueCool Premium air conditioning system:

- A** Cooling unit in the engine room
- B** Fan-type air handler
- C** Cold-air outlets
- D** Controls – simple and logical to use
- E** Circulating pump
- F** Sea water cooling circuit



Technical Specifications:

Single-Compressor units	CH12	CH16	CH20	CH24	CH30	CH36	CH42	CH48	CH60
Cooling capacity (BTU/h)	12,000	16,000	20,000	24,000	30,000	36,000	42,000	48,000	60,000
Cooling capacity (kW)	3.5	4.7	5.8	7.0	8.7	10.5	12.3	14.0	17.6
Supply voltage (V)	230 / 115	230 / 115	230	230	230 / 400	230 / 400	230 / 400	230 / 400	400
Power consumption (Watt) Run / Start*	1,000 / 2,500	1,250 / 3,200	1,500 / 3,700	1,725 / 4,200	2,100 / 4,500 2,200 / 5,000	2,650 / 5,600	3,000 / 7,300	3,450 / 9,200	4,400 / 9,800
Net weight (kg)	29	33	33	39	43 / 55	66	68	70	75
L x D x H (mm)	405x333x347	417x333x356	417x333x356	405x333x419	480x422x505 411x355x410	480x422x515	480x422x535	480x422x585	535x530x600

Twin-Compressor units	CH24	CH32	CH40	CH50	CH60	CH60	CH72	CH84	CH96
Cooling capacity (BTU/h)	24,000	32,000	40,000	50,000	60,000	60,000	72,000	84,000	96,000
Cooling capacity (kW)	7.0	9.4	11.7	14.6	17.6	17.6	21.1	24.6	28.1
Supply voltage (V)	230	230	230	230	230	230 / 400	230 / 400	230 / 400	230 / 400
Power consumption (Watt) Run / Start*	2,070 / 3,750	2,500 / 4,450	3,000 / 5,000	3,500 / 5,800	4,200 / 6,600	4,400 / 8,100	5,300 / 9,650	6,000 / 11,000	6,900 / 12,850
Net weight (kg)	70	75	78	85	90	95	100	105	130
L x D x H (mm)	470x419x480	470x419x523	470x419x523	470x419x552	470x419x552	680x432x572	680x432x572	680x432x592	680x432x630

* Starting surge of compressor for approximately 0.3 seconds. | All dimensions +/- 10 mm | Technical specifications are subject to change without prior notice.

- Triple compressor chillers available from 72,000 to 252,000 BTU/h
- Quattro compressor chillers available from 100,000 to 572,000 BTU/h



Webasto EasyPipe piping



Webasto turn ball valve



Pump:
WB2500G to 5500G



Selfpriming pump:
WB4000 / 5600 / 8000 /
10500



BlueComfort ControlPad
CANbus integration

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