

BlueCool VX-Series

Variable speed chiller systems



Efficient Cooling with a Green Touch

The Webasto BlueCool VX-Series sets a new standard for marine air conditioning. Designed for yachts and boats, these variable speed chiller systems offer exceptional cooling performance, intelligent features, and space-saving design. The VX-Series features advanced variable speed compressors, ensuring efficient cooling across a wide range of conditions. With dimensions up to 55% smaller than comparable units, the VX-Series saves valuable space on your vessel. Plus, it operates quietly for a peaceful onboard experience. Upgrade your vessel's comfort with the Webasto BlueCool VX-Series. Experience efficient cooling, reduced footprint, and smart features—all in one package.

Achieving an Energy Efficiency Ratio (EER) of up to 5.6, BlueCool VX-Series reduce operational costs and environmental impact. The MyTouch display provides a user-friendly interface, multilanguage support, and water flow monitoring for sea and chilled water circuits. Choose from pump control boxes and other accessories for seamless integration.

Features:

- **Energy Efficient** – 20% less power consumption with EER up to 5.6
- **Eco-Friendly** – Uses R32 refrigerant (GWP 675) Variable Speed – Efficient cooling with modulated capacity
- **Compact Design** – Up to 55% less space required
Corrosion-Resistant – Titanium condenser for durability
- **Modular** – Create individual system capacity combining several modules together
- **Intelligent Features** – Smart system controls
- **Easy Installation** – Simplified setup and diagnostics



Technical Specifications

BlueCool	VX 36M	VX 48M	VX 60M	VX 72M	VX 72M 3~	VX 120M
Cooling Capacity [BTU/h] [kW]	3,400 – 36,000 (1 – 10.5)	6,900 – 48,000 (2 – 14)	5,900 – 60,000 (1.7 – 17.6)	7,100 – 72,000 (2.1 – 21)	7,100-72,000 (2,1 -21)	10,000 - 120,000 (2,9 - 35,2)
Heating Capacity [BTU/h] [kW] (Reverse Cycle mode)	44,000 (12.9)	58,000 (17)	63,000 (18.5)	78,000 (23)	78,500 (23)	121,000 (35,5)
Dimensions (H/W/L) [mm] [Inch]	533 x 352 x 378 (21 x 13.9 x 14.9)	534 x 398 x 429 (21 x 15.7 x 16.9)	593 x 399 x 479 (23.3 x 15.7 x 18.9)	683 x 398 x 546 (26.9 x 15.7 x 21.5)	698 x 401 x 546 (27.5 x 15.8 x 21.5)	766 x 401 x 638 (30.2 x 15.8 x 25.1)
Voltage/Phase	230V 1-Phase				208V 3-Phase	230 1-Phase
Frequency [Hz]	50 / 60				60	50/60
Current draw running [A]	3-13.5 (max. 15)	3-16 (max. 17)	4-18.7 (max. 21)	4-23 (max. 24)	3-16 (max. 18)	4-36 (max. 39)
Current draw ECO mode (1 – 2 – 3) [A]	10 – 7 – 4.3	11 – 8 – 5.2	13.5 – 10.9 – 7	17.8 – 11.5 – 7.8	11 – 6,8 – 5	27 - 21 - 12
Current draw Start [A]	3	3	4	4	3	4
Chilled water connection [mm][inch]	IG 25 - BSPP Female 1"					IG 32 - BSPP Female 1 1/4"
Sea water connection [l/min]	IG 25 - BSPP Female 1"			IG 32 - BSPP Female 1 1/4"		
Minimum flow rate SW / CW [l/min]	40 / 33	47 / 40	55 / 50	65 / 60	65 / 60	95 / 100
Weight [kg]	49	63	76	92	94	130
Energy Efficiency (EER)	Up to 4.3	Up to 4.3	Up to 5.6	Up to 5.5	Up to 5.5	Up to 5.4
Refrigerant / GWP	R32 / 675					R410a / 2088

Optimize the BlueCool experience with accessories for the BlueCool VX-Series marine air-conditioning system. These add-ons enhance functionality, installation, and overall performance:

Mounting Base:

The VX-Series offers versatile mounting bases for various combinations. You can combine two or three units of different cooling capacities ranging from 36 to 120 kBTU/h, ensuring optimal fixation and stability.

Pump Control Box:

Installs pump relays remotely, connects to chiller units via VX-System Bus.

Remote Connection Box:

Monitors and controls VX-Series system remotely, includes MyTouch display, pump relays, USB interface.

Master Control Box:

Combines pump and remote control, pump redundancy, central power supply, emergency stop, circuit breaker.



Contact