

BlueCool C Series



The BlueCool C-Series chiller units are suitable for small to medium boats, ideally with one to three cabins.

With a unit range from 16,000BTU/h up to 108,000BTU/h, they are an ideal solution for those who demand a high quality compact product.

The BlueCool C-Series hosts improved performance and up to 15% higher efficiency along with up to a 25% reduction in compressor noise compared to previous models.

The Vibration absorber and Silent block are available as an option.

Compatible with the BlueCool MyTouch display control and also CAN-bus for total optimised adaption to the boats' systems.

Product features:

- Units from 16,000 BTU/h to 108,000 BTU/h
- Continuous cooling capacity even in tropical conditions
- Compact design
- Optional CAN-Bus for optimised adaption to boat systems
- Easy sea water and chilled water connections on one side
- Strong stainless steel tray and condensate drain
- High quality epoxy paint protection
- Compatible with the BlueCool MyTouch display
- Vibration absorber and silent block available as an option

Technical Specifications

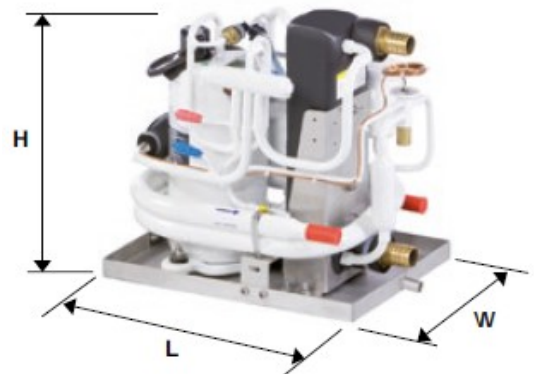
	C16 M	C20 M	C27 M	C32 T	C40 T	C55 T	C81 R	C108 Q
Cooling Capacity* (BTU/h)	16,000	20,000	27,000	32,000	40,000	55,000	81,000	108,000
Cooling Capacity* (kW)	4.7	5.9	7.9	9.4	11.7	16.1	23.7	31.7
Voltage (V)	230	230	230	230	230	230	230	230
Frequency †† (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Current draw running ** (A)	4.4 - 6.0	6.9 - 8.0	8.6 - 9.2	8.8 - 12.0	13.8 - 16.0	17.2 - 18.4	25.8 - 27.6	34.4 - 36.8
Current draw Start max. peak (A) 50Hz	54	60	87	60	68	96	105	115
Current draw Start max. peak with Soft Start (A) 50Hz	22	22	36	28	30	48	54	67
Chilled water connection (mm)	25	25	25	25	25	25	32	-
Recommended chilled water pump	WB500	WB500	WB1000	WB1000	WB1500	WB1500	WB2000	WB3500
Seawater connection (mm)	19	19	19	19	25	25	32	-
Recommended seawater pump	WB500/ WB500G	WB500/ WB500G	WB1000	WB1000	WB1500/ WB1000G	WB1500/ WB2000	WB2000/ WB2500G	WB3000G
Dimensions (L x W x H mm)	390 x 290 x 355	440 x 330 x 360	440 x 330 x 395	590 x 410 x 500	590 x 410 x 500	5960 x 410 x 550	870 x 430 x 550	860 x 640 x 600
Weight (kg)	34	37	45	65	70	86	119	173

Values in the table given for 50Hz only. 60Hz data available on request

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

** Amperage values for core unit depend on compressor load. Max values at tropical conditions at 230V/50Hz

†† BlueCool C Series systems are tested and approved by Webasto for 50/60Hz operation



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