



Chillers

- Full inverter Reverse cycle chillers in stainless steel housing.
- No inductive loads at start up, low energy consumption and easy to install
- Integrated automatic fuses with manual reset.
- Eco modus for running on low shore supplies.
- Control box with prewired EMC protected cable loom , which can be installed a maximum of 0,8-1,2 mtr from the chiller.

Chiller package

The Clion-Marine chiller package consists of the following items: chiller, complete prewired EMC protected control box and cable loom (0,8-1mtr), mounting kit control box (preinstalled at front of the chiller), touch screen display, Vimar black bezel, RJ45 cable 10 mtr.

Technical Specifications				
	CH-IN 51.0	CH-IN 87.0	CH-IN 135.0	CH-IN 270.0
Part number	CM0000113174	CM0000113186	CM0000117594	CM0000114063
Capacity (BTU/h)	16.300-51.500	27.500-87.000	39.000-135.000	78.000-270.000
Nominal Capacity (kW)	4,7-15,1	8,0-25,5	11,5-39,5	22,75-79,0
Maximum Capacity (BTU/h)	67.000	95.000	149.000	298.000
Maximum Capacity (KW)	19,5	27,5	43,5	87,5
Voltage ±10%	200-240/50/60Hz/1F	380-480V/50/60Hz/3F	380-480V/50/60Hz/3F	380-480V/50/60Hz/3F
Power consumption (A)	4,18-13,95	3,17-9,57	12,0-17,5	24,0-35,0
Power consumption (start) (A)	<2	<2	<2	TBD
Weight (kg)	56,00	71,00	201,00	TBD
Seawater connection	3/4" / 19mm	3/4" / 19mm	1 1/4" / 32mm	TBD
Chilled water connection	1" / 25,4mm	1" / 25,4mm	1 1/2" / 38mm	TBD
Dimensions (mm) *	564*360*455	564*360*518	830*380*675	890*836*730
Dimensions control box (WxDxH)	340*245*250	400*245*273	340*245*250	INTEGRATED
Cable length control box	0,8m	0,8m	1,2m	-
Recommended fuse size	25A	16A	25A	50A
Drain connection (mm)	12 (4x)	12 (4x)	12 (4x)	TBD
Sea waterflow (m³/h)	min. 2,52	min. 3,78	min. 6,5	TBD
Chilledwaterflow (m³/h) **	min. 2	min. 3	min. 5	TBD

Chillers are including control box and display

* Dimensions of the chillers are without control box

**Chilledwaterflow depends on amount of airhandlers

***Mounting brackets need to be ordered separately

Capacities are rated at an evaporating temperature of 7,2°C and a condensation temperature of 38°C