



## 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 (except CH-IN 270.0).

## 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 C	CH-IN 87.0 C	CH-IN 135.0 C	CH-IN 270.0 C
<b>Part number</b>	CM0000120623	CM0000120625	CM0000120627	CM0000114063
<b>Capacity (BTU/h)</b>	16.300-51.500	27.500-87.000	39.000-135.000	78.000-270.000
<b>Nominal Capacity (kW)</b>	4,7-15,1	8,0-25,5	11,5-39,5	22,75-79,0
<b>Maximum Capacity (BTU/h)</b>	67.000	95.000	149.000	298.000
<b>Maximum Capacity (KW)</b>	19,5	27,5	43,5	87,5
<b>Voltage ±10%</b>	200-240/50/60Hz/1F	380-480V/50/60Hz/3F	380-480V/50/60Hz/3F	380-480V/50/60Hz/3F
<b>Power consumption (A)</b>	4,18-13,95	3,17-9,57	12,0-17,5	24,0-35,0
<b>Power consumption (start) (A)</b>	<2	<2	<2	<4
<b>Weight (kg)</b>	56,00	71,00	201,00	TBD
<b>Seawater connection</b>	3/4" / 19mm	3/4" / 19mm	1 1/4" / 32mm	2" / 50mm
<b>Chilled water connection</b>	1" / 25,4mm	1" / 25,4mm	1 1/2" / 38mm	1 1/2" / 38mm
<b>Dimensions (mm) *</b>	564*360*455	564*360*518	830*380*675	890*836*730
<b>Dimensions control box (WxDxH)</b>	340*245*250	400*245*273	340*245*250	INTEGRATED
<b>Cable length control box</b>	0,8m	0,8m	1,2m	-
<b>Recommended fuse size</b>	25A	16A	25A	50A
<b>Drain connection (mm)</b>	12 (4x)	12 (4x)	12 (4x)	19 (4x)
<b>Sea waterflow (m³/h)</b>	2,52	3,78	6,5	12
<b>Chilledwaterflow (m³/h) **</b>	2	3	5	10

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 seperately

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