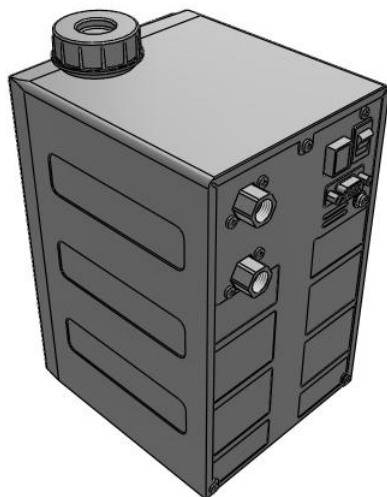




HEF, Compact Thermoelectric Chiller, Air Cooled HEF002-A6-P

Datasheet

General series information

- Cooling capacity up to 220 W / heating capacity up to 500 W
- High temperature stability: ± 0.1 °C
- Fluid contact material:
Stainless steel, resin, rubber (material free of aluminium and copper)
- Easy maintenance.

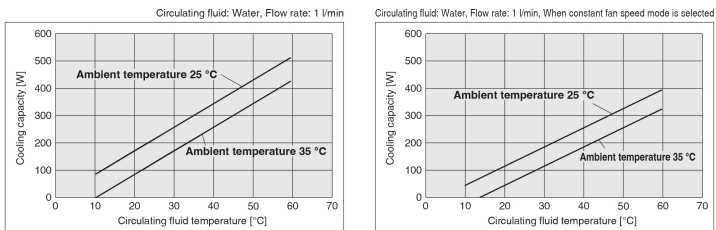
Standard specifications

Cooling Capacity	002 (220 W)
Power Supply	6 (24 VDC)
Thread	Rc
Option	P (High-pressure Pump Mounted)
Maximum ambient temperature	35 °C
Minimum ambient temperature	10 °C
Power supply	24 VDC ± 10 %
Cooling method	Thermoelectric device (Thermo-module)
Refrigerant	No refrigerant
Control method	Cooling/Heating automatic shift PID control
Circulating fluid	Tap water, Ethylene glycol aqueous solution (20 % or less)
Set temperature range	10~60 °C
Cooling capacity (50 Hz)	220 W
Heating capacity (50 Hz)	500 W
Temperature stability	± 0.1 °C
Tank capacity	110 mL
Drain port size	Rc 1/4

Contact material for circulating fluid	Stainless steel, EPDM, NBR, Ceramics, PPE, PPS, Carbon, PP, POM
Rated power consumption (50 Hz)	12.5 A (Peak current 18 A)
Circulating fluid port size	Rc 1/4
Noise level	37~60 dBA
Weight	3.500 Kg

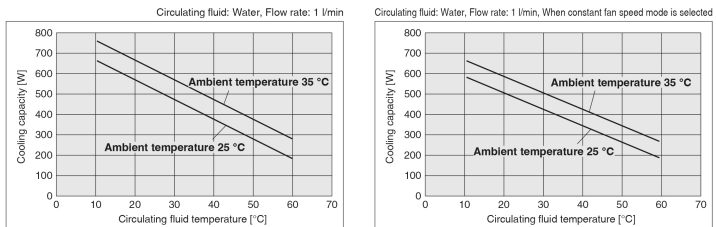
Technical information graphs

Cooling Capacity



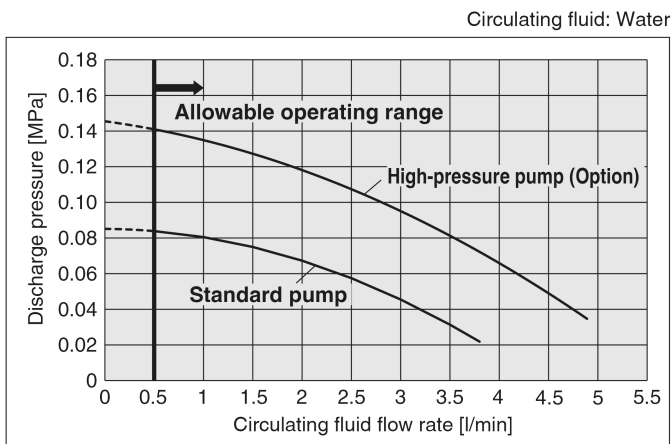
* For the high-pressure pump (Option), the cooling capacity decreases by approx. 20 W.

Heating Capacity

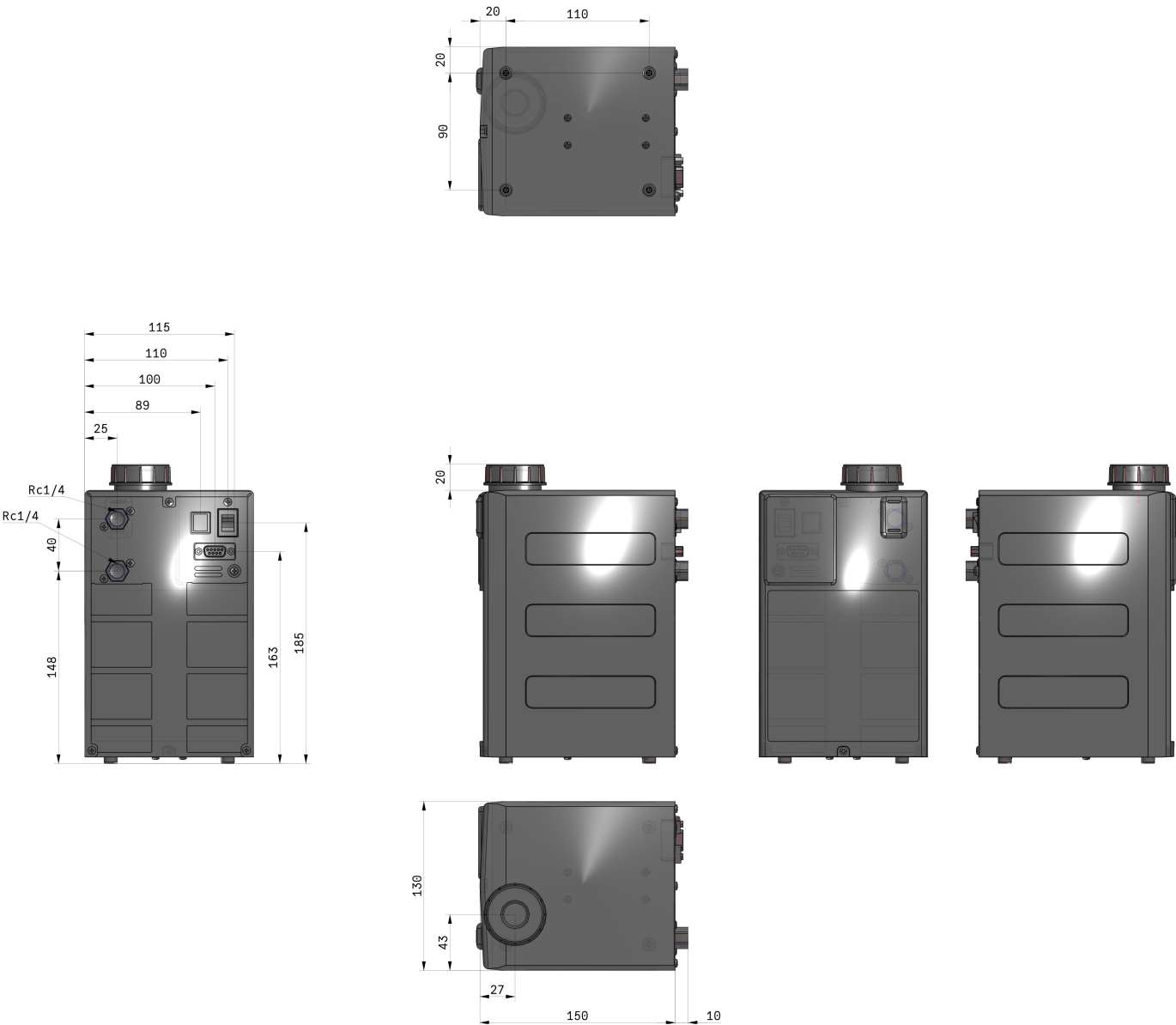


* For the high-pressure pump (Option), the heating capacity increases by approx. 10 W.

Pump capacity



Dimensions



Additional information

Catalogue	HEF-A_EU.pdf
Declaration of conformity	newDoC_HEF_TF122123EN.pdf
Installation manuals	IM_HEF_TF222-091EN.pdf
Operation manuals	OM_HEF002-A6_EN-1.pdf OM_HEF_Quickguide_EN.pdf