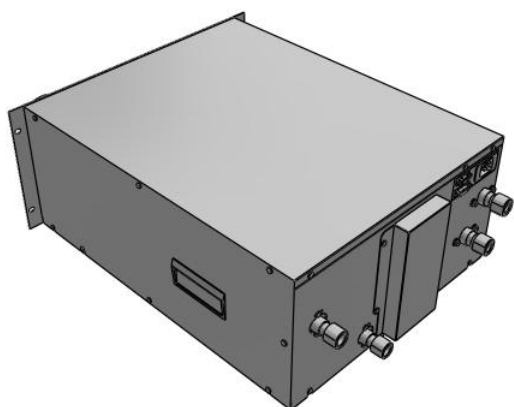




Circulating Fluid Temperature Controller, Rack Mount Type, 230VAC - HRR HRR010-WF-20-T1U

Datasheet

General series information

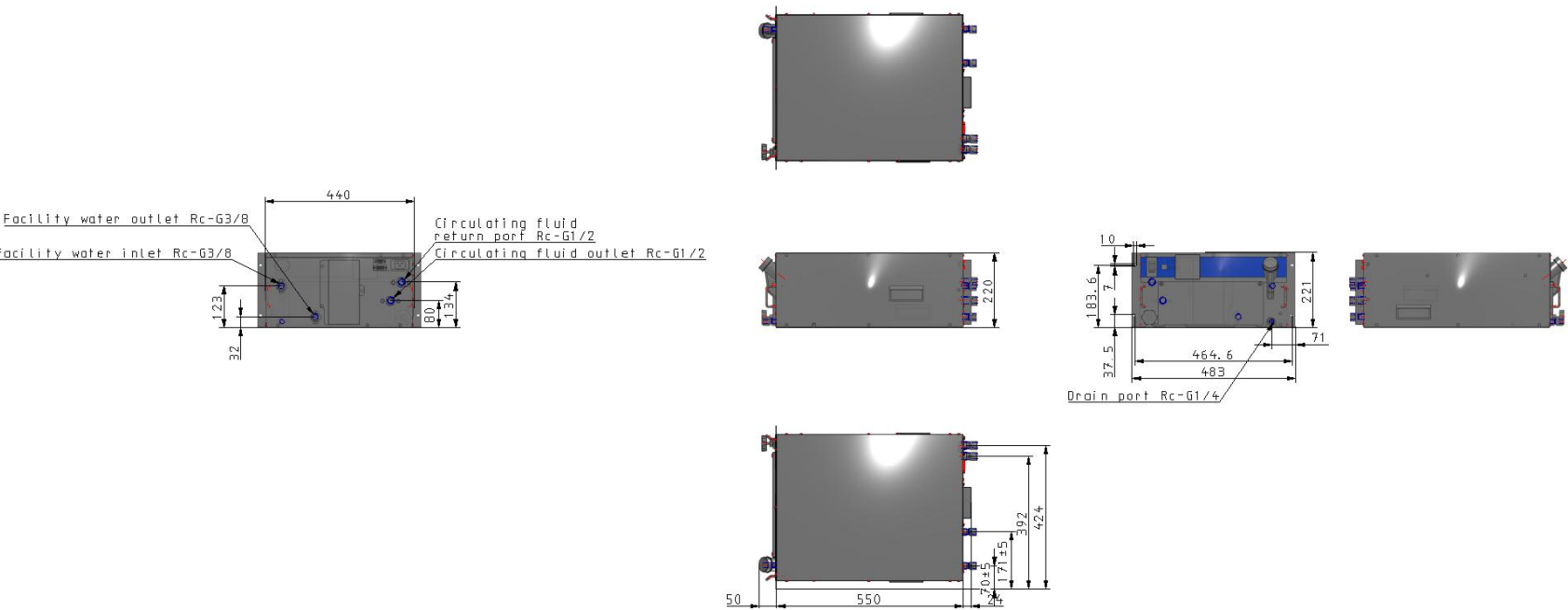
- Cooling capacity: 0.95 to 5 kW (50 Hz)
- Temperature stability: $\pm 0.1^{\circ}\text{C}$
- Set temperature range: 5 to 35°C ; 15 to 35°C (HRR010)
- Space Saving
- With heating function and self-diagnosis.

Standard specifications

Cooling Capacity	010 [950/1100, (50/60 Hz)]
Cooling Method	W (Water-cooled)
Pipe Thread	F (G, w/Rc-G Conversion Fitting)
Power Supply	20 [Single-phase 200 to 230 VAC (50/60 Hz)]
DI Water Piping	None
High-pressure Pump Mounted	T1 (Inverter Pump Mounted)
Suffix	U (Conforming to UL Standards)
Feet	None
Flow Sensor	None
Maximum ambient temperature	40°C
Minimum ambient temperature	5°C
Approvals	CE
Power supply	Single-phase 200 to 230 VAC (50/60 Hz)
Port size	G 1/2
Cooling method	Water-cooled refrigeration
Refrigerant	R410A (HFC)
Control method	PID control
Circulating fluid	Tap water, 15% ethylene glycol aqueous solution

Set temperature range	15 - 35 °C
Cooling capacity (50 Hz)	950 W
Heating capacity (50 Hz)	200 W
Temperature stability	± 0.1 °C
Tank capacity	3 L
Contact material for circulating fluid	Stainless steel, Copper (Heat exchanger brazing), Brass, SiC, Alumina ceramic, Carbon, PP, PE, POM, PA, FKM, EPDM, PVC, PPS, AS, Fluoropolymer, Ion exchange resin
Facility water temperature range	5 - 35 °C
Facility water pressure range	0.3 to 0.5 MPa
Facility water required flow range (50 Hz)	6 l/min
Facility water port size	G 3/8
Contact material for facility water	Stainless steel, Copper (Heat exchanger brazing), Bronze, Brass, Synthetic rubber
Noise level (50 Hz)	57 dB
Rated power consumption (50 Hz)	0.72 kW
Pump rated flow (50 Hz)	5 l/min
Circulating fluid port size	G 1/2
Tank drain port	G 1/4
Weight	29.000 Kg

Dimensions



Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Additional information

Catalogue	HRR-D_EU.pdf
Declaration of conformity	newDoC_HRR_TF1W10EN.pdf newDoC_HRR_TF125-045EN.pdf newDoC_HRR-TF1Y309EN-B.pdf
Installation manuals	IM_HRR_SMW56EN-C.pdf IM_HRR050_SMY61EN-B.pdf IM_HRR010_SMY36EN-B.pdf
Operation manuals	OM_HRR_OM-Y057EN-A.pdf OM_HRRx_OMW002EN.pdf OM_HRR_EN-K.pdf OM_HRR010_EN-E.pdf OM_HRR_W004EN-H.pdf OM_HRR050_EN-B.pdf