

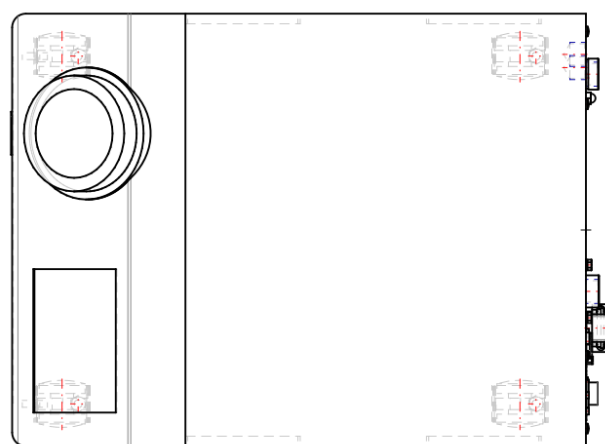
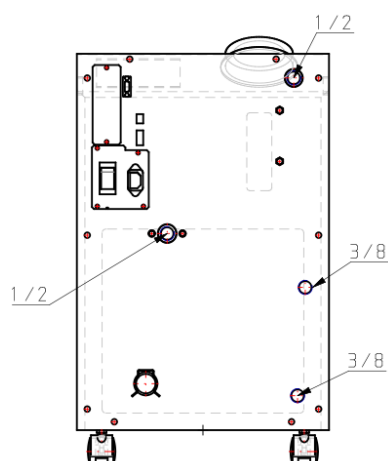
## HRS, Thermo-chiller, Compact Type HRS024-AF-20-T

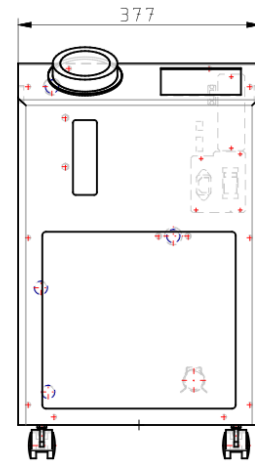
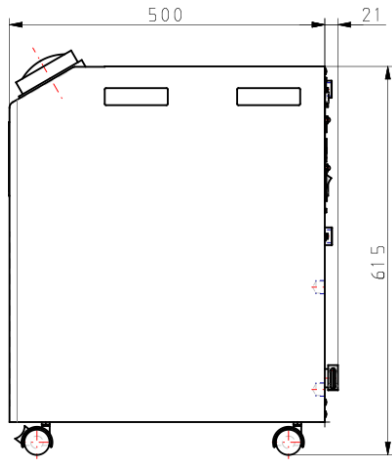
### Datasheet

- Circulating Fluid Temperature Controller. Water or Air-cooled
- Cooling capacity: From 1.1/1.3 to 17.5/20.5 KW (50/60 Hz)
- Temperature stability:  $\pm 0.1$  °C to  $\pm 1$  °C
- Set temperature range: 5-40 °C
- With heating function and self-diagnosis
- Serial communication
- Compact and lightweight.

Cooling Capacity	024 [Cooling capacity: 2100/2400 W (50/60 Hz)]
Cooling Method	A (Air-cooled Refrigeration)
Thread	F (G w/PT-G Conversion Fitting Set)
Power Supply	20 [Single-phase 200 to 230 VAC (50/60 Hz)]
Earth Leakage Breaker	None
High ambient temperature	None
Automatic fluid fill	None
DI Water Piping	None
High-pressure pump	T (High-Lift Pump)
Units	None
Maximum ambient temperature	40 °C
Minimum ambient temperature	5 °C
Conform to the European RoHS Directive	Conform
Approvals	CE
Power supply	Single-phase 200 to 230 VAC ( 50/60 Hz )
Cooling method	Air-cooled refrigeration
Refrigerant	R407C (HFC)
Control method	PID control
Circulating fluid	Tap water, 15% ethylene glycol aqueous solution
Set temperature range	5 to 40 °C
Cooling capacity (50 Hz)	2100
Heating capacity (50 Hz)	530
Temperature stability	± 0,1
Tank capacity	5 L
Contact material for circulating fluid	Stainless steel (including heat exchanger brazing), Alumina ceramic, SiC, Carbon, PP, PE, POM, FKM, NBR, EPDM, PVC
Rated operating current (50 Hz)	5.1 A
Rated power consumption (50 Hz)	1.0 kVA
Pump rated flow (50 Hz)	10 l/min (0.44 MPa)
Pump maximum flow rate (50 Hz)	18 l/min
Maximum pump head (50 Hz)	70 m
Circulating fluid port size	1/2
Noise level	60 dB
Weight	43.000 Kg

## Dimensions





## Additional information

Catalogue

[HRS-G\\_EU.pdf](#)