



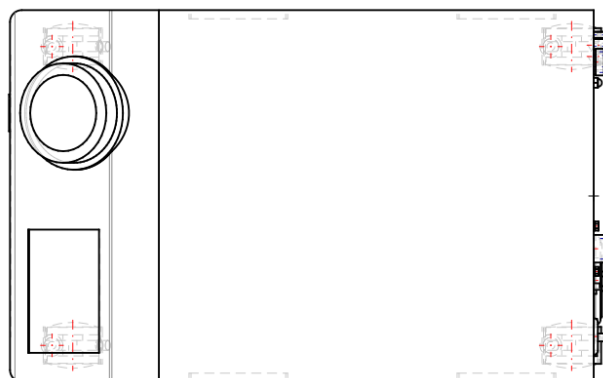
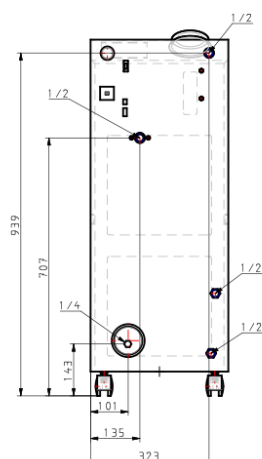
HRS, Thermo-chiller, Compact Type HRS050-AF-20

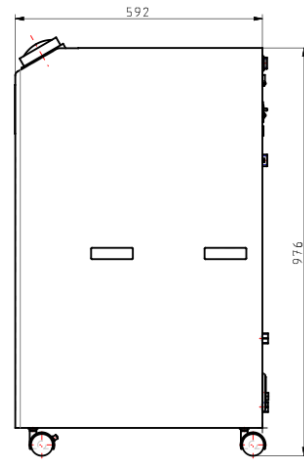
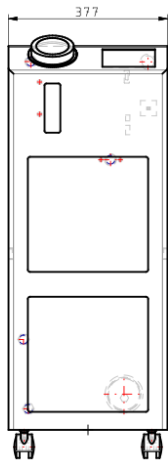
Datasheet

- 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: ± 0.1 °C to ± 1 °C
- Set temperature range: 5-40 °C
- With heating function and self-diagnosis
- Serial communication
- Compact and lightweight.

Cooling Capacity	050 [Cooling capacity: 4700/5100 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	None
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	R410A (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)	4700
Heating capacity (50 Hz)	1100
Temperature stability	± 0,1
Tank capacity	5 L
Contact material for circulating fluid	Stainless steel, Copper (Heat exchanger brazing), Bronze, Alumina ceramic, Carbon, PP, PE, POM, FKM, EPDM, PVC
Rated operating current (50 Hz)	8 A
Rated power consumption (50 Hz)	1.7 kVA
Pump rated flow (50 Hz)	23 l/min (0.24 MPa)
Pump maximum flow rate (50 Hz)	31 l/min
Maximum pump head (50 Hz)	50 m
Circulating fluid port size	1/2
Noise level	65 dB
Weight	69.000 Kg

Dimensions





Additional information

Catalogue

[HRS-G_EU.pdf](#)