

HRS, Thermo-chiller, Compact Type HRS012-AF-20

Datasheet

General series information

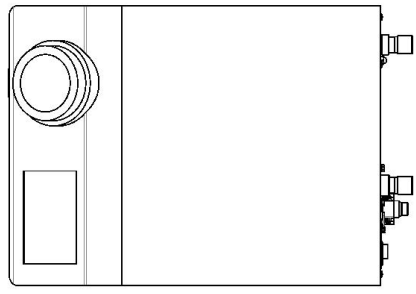
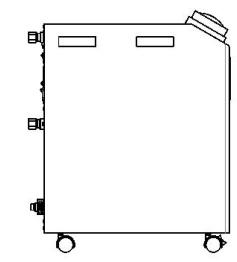
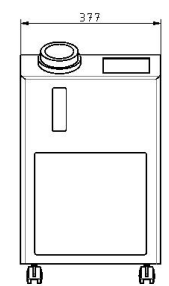
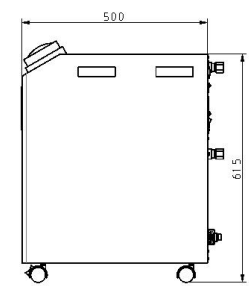
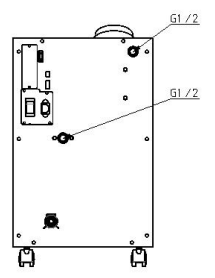
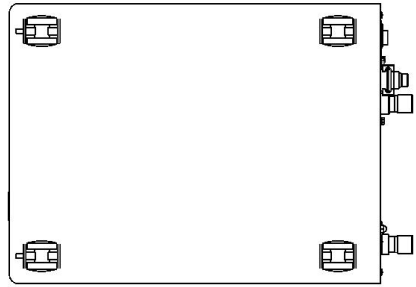
- Compact and lightweight.
- Temperature stability ± 0.1 °C.
- Improved maintenance performance.
- Heating function available even with no heater.

Standard specifications

Cooling Capacity	012 [Cooling capacity: 1100/1300 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
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)	1100
Heating capacity (50 Hz)	530
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)	4.6 A
Rated power consumption (50 Hz)	0.9 kVA
Pump rated flow (50 Hz)	7 l/min (0.13 MPa)
Pump maximum flow rate (50 Hz)	27 l/min
Maximum pump head (50 Hz)	14 m
Circulating fluid port size	1/2
Noise level	60 dB
Weight	43.000 Kg

Dimensions



Additional information

Catalogue	HRS-G_EU.pdf
Declaration of conformity	newDoC_HRS_TF1Y298EN-D.pdf
Installation manuals	IMM_HRS_TFR02EN.pdf IMM_HRS050-060_TFR03EN.pdf IM_HRS040_SMX145EN.pdf
Operation manuals	OM_DI-filter-set_HRS012-018-024_EN.pdf OM_HRS012-018-024_EN-G.pdf OM_Bypass-piping-set_HRS012-018-024_EN.pdf OM_HRS060_EN-N.pdf OM_HRS040_EN-F.pdf OM_HRS030_EN-O.pdf OM_HRS050_EN-V.pdf QuickManual_HRS_M085EN-F.pdf OM-Communication_HRS012-018-024-030-040-050-060_EN-P.pdf