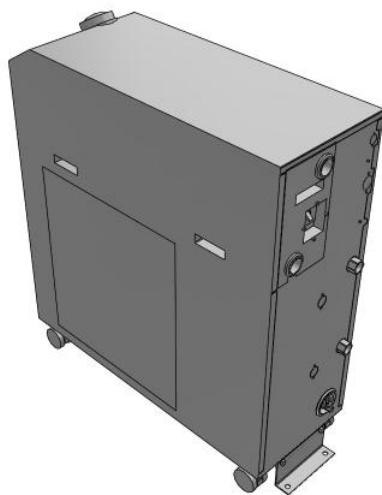




HRS090, Large Capacity Compact Chiller, 400 V HRS090-AF-40

Datasheet

General series information

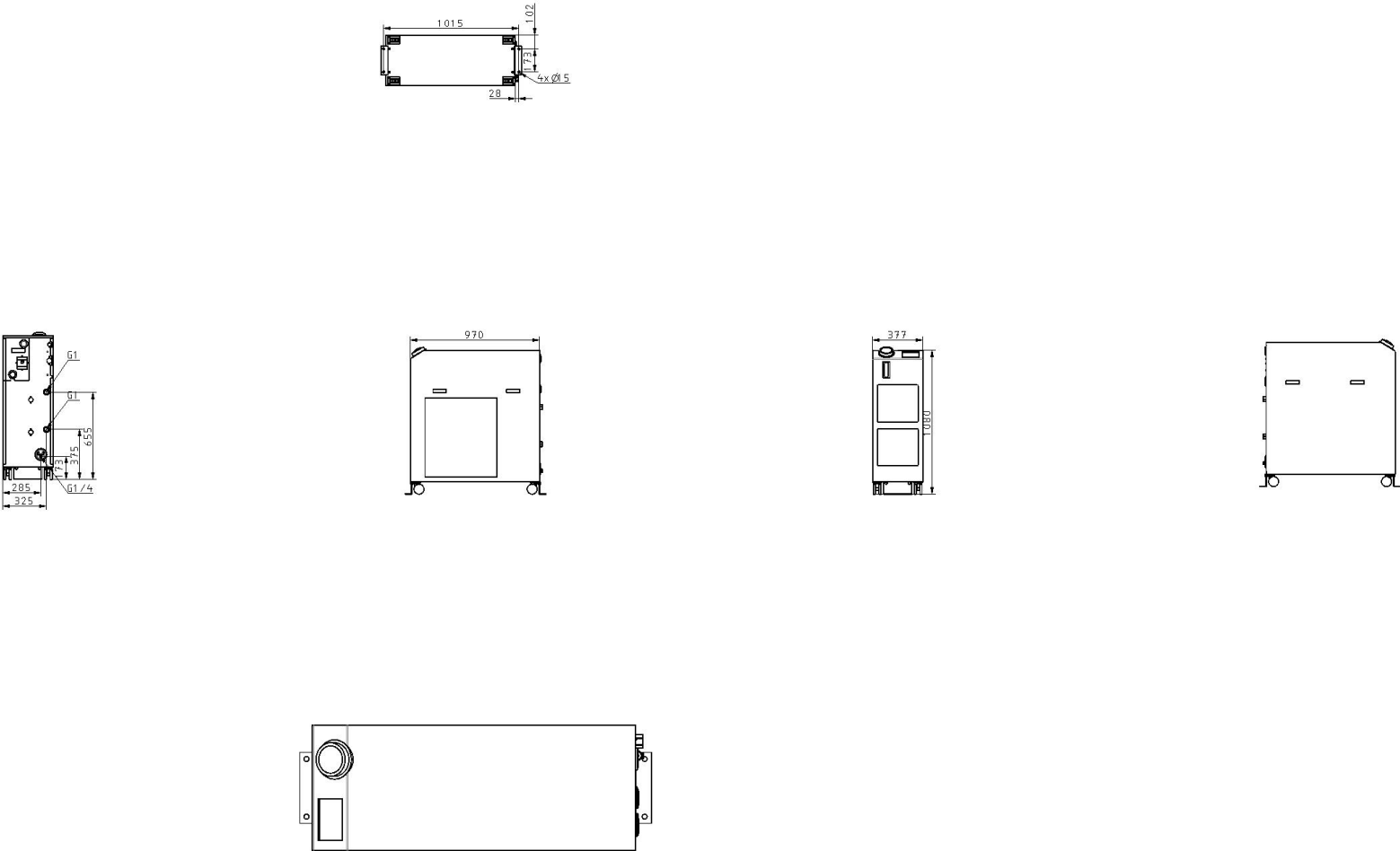
- Circulating Fluid Temperature Controller. Water or air-cooled.
- Cooling capacity: 9 kW.
- Temperature stability: ± 0.5 °C.
- Temperature range: 5-35 °C.
- With heating function and self-diagnosis.
- Serial communication.
- Compact (970 x 377 x 1090 mm) and lightweight (136 kg).

Standard specifications

Cooling Method	A (Air-cooled Refrigeration)
Pipe Thread	F [G (w/Rc-G Conversion Fitting)]
Power Supply	40 [3-phase 380 to 415 VAC (50/60 Hz)]
Option	None
Maximum ambient temperature	45 °C
Minimum ambient temperature	5 °C
Approvals	CE
Power supply	3-phase 380 to 415 V AC (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 35 °C
Cooling capacity (50 Hz)	8.0 kW
Heating capacity (50 Hz)	1.7 kW
Temperature stability	± 0.5

Tank capacity	18 L
Contact material for circulating fluid	Stainless steel, Copper (Heat exchanger brazing), Brass, Bronze, PTFE, FKM, EPDM, PVC, NBR, POM, PE, PP, Carbon, Ceramic
Noise level (50 Hz)	75 dB
Rated operating current (50 Hz)	8.4 A
Rated power consumption (50 Hz)	4.4 kW
Pump rated flow (50 Hz)	29 l/min
Pump maximum flow rate (50 Hz)	55 l/min
Maximum pump head (50 Hz)	50 m
Minimum operating flow rate (50 Hz)	29 l/min
Circulating fluid port size	G 1
Tank drain port	G 1/4
Weight	136.000 Kg

Dimensions



Additional information

Catalogue	HRS090-A_EU.pdf
Declaration of conformity	newDoC_HRS_TF1Y298EN-D.pdf
Installation manuals	IM_HRS090_SMV41EN-A.pdf
Operation manuals	OM-Communication_HRS090_EN-B.pdf OM_HRS090_EN-P.pdf