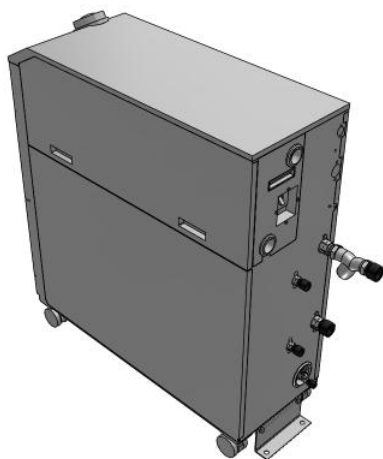




Compact Type, Water-cooled - HRSH090 HRSH090-WF-40-M

Datasheet

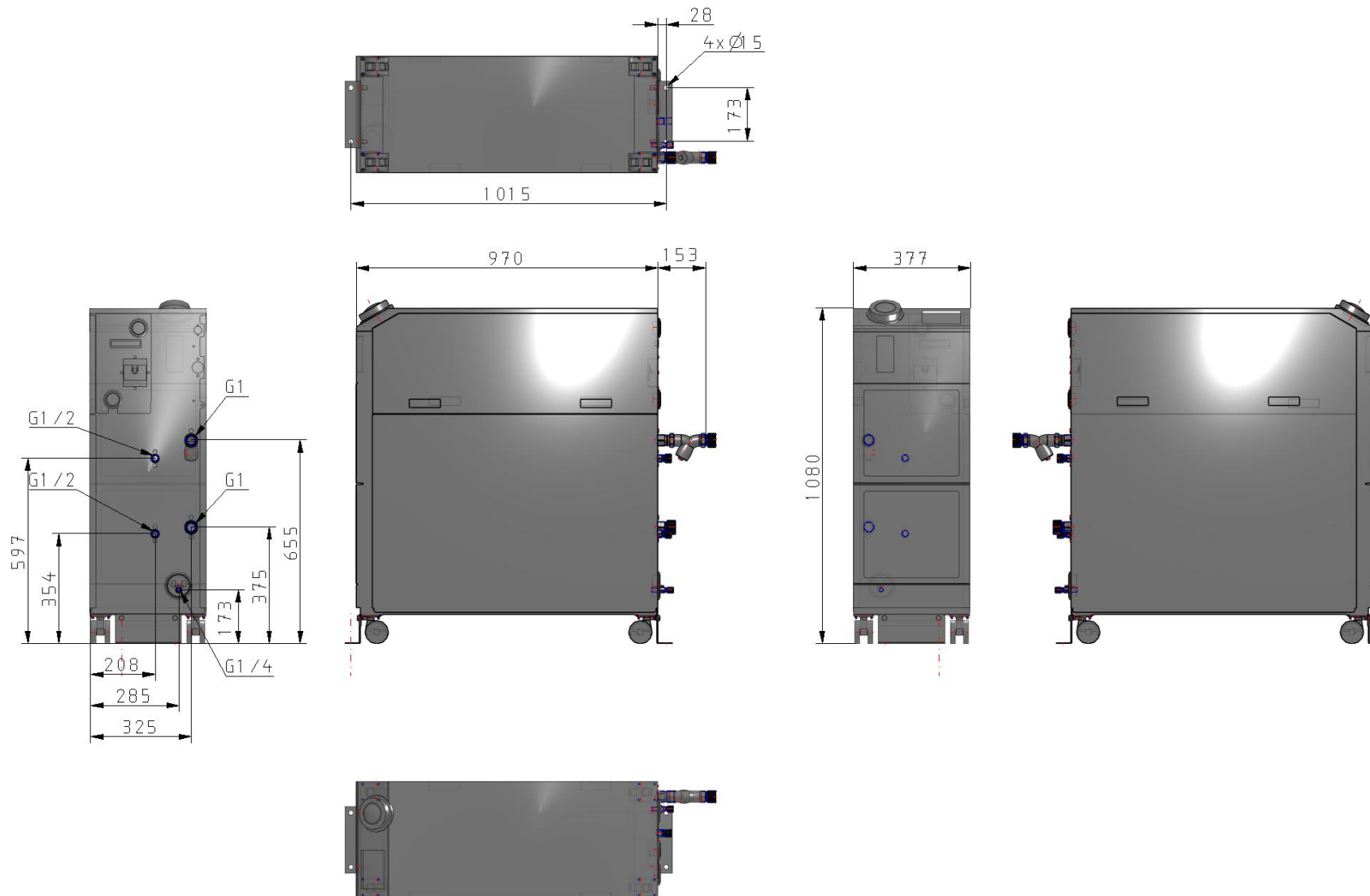
General series information

- Cooling capacity: 11 kW
- Temperature stability: ± 0.1 °C
- Set temperature range: 5 to 40 °C
- Triple inverter
- With heating function and self-diagnosis.

Standard specifications

Thread	F (G, w/Rc-G Conversion Fitting)
Power Supply	40 [3-phase 380 to 415 VAC (50/60 Hz); 3-phase 460 to 480 VAC (60 Hz)]
Option	M (Applicable to deionised water piping)
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	Water-cooled refrigeration
Refrigerant	R410A (HFC) (GWP2088)
Control method	PID control
Circulating fluid	Deionised water
Set temperature range	5 to 40 °C
Temperature stability	$\pm 0,1$
Tank capacity	18 L
Contact material for circulating fluid	Stainless steel (including heat exchanger brazing), SiC, Carbon, PP, PE, POM, FKM, NBR, EPDM, PVC, PTFE
Facility water temperature range	5 to 40 °C

Facility water pressure range	0.3 to 0.5 MPa
Facility water port size	G 1/2
Contact material for facility water	Stainless steel, Copper (Heat exchanger brazing), Bronze, Brass, PTFE, NBR, EPDM
Circulating fluid port size	G 1
Tank drain port	G 1/4
Cooling capacity	11 kW
Heating capacity	2.5 Kw
Pump rated flow	45 l/min (0.5 Mpa)
Pump maximum flow rate	60 l/min
Maximum pump head	50 m
Minimum operating flow rate	20 l/min
Rated operating current	6.8 A
Rated power consumption	4.0 kW
Noise level	65 dB
Facility water required flow range	25 l/min
Weight	121.000 Kg



Additional information

Catalogue	HRSH-Ddd_EU.pdf
Declaration of conformity	newDoC_HRSH_TF1Y300EN.pdf DoC_HRSH_TF-R020.pdf newDoC_HRSH_TF-T020EN.pdf newDoC_HRSH_TF1V338EN.pdf newDoC_HRSH_TF125-052EN.pdf
Installation manuals	IM_HRSH090_SHU14EN-A.pdf
Operation manuals	OM_HRSH090_EN-S.pdf OM-Communication_HRSH090_EN