



CRN TECNOPART, S.A.

Sant Roc 30
08340 VILASSAR DE MAR (Barcelona)
Tel 902 404 748 - 937 591 484 Fax 937 591 547
e-mail: crn@crntp.com [http:// www.crntecnopart.com](http://www.crntecnopart.com)

ELSTEIN

IRE- 090.36E



ELSTEIN SFH SUPER FLAT RADIATORS

Elstein SFH super flat radiators are ceramic infrared radiators in flat design. They reach operating temperatures up to 800 °C and surface ratings up to 64 kW/m²

The radiators of the SFH series are very suited for applications, which require space-saving installation.

The borders of SFH radiators are used as bearing surface on a metal mounting sheet or reflector. For each radiator a corresponding rounded mounting hole is required to place the heaters into them.

When mounting SFH super flat radiators a heat insulation can be added additionally. A temperature resistant insulating material like Elstein THI thermal insulation sheet can be applied on site directly on the back of the radiator.

Elstein SFH super flat radiators are available in four designs and cover the power range from 60 W to 1000 W.



Type, weight, wattage	SFH	122 x 122 mm	160 g	250	400	600	800	1000	W
Operating voltage	SFH/1	245 x 60 mm.	160 g	250	400	600	800	1000	W
230 V	SFH/2	122 x 60 mm.	85 g	125	200	300	400	500	W
	SFH/4	60 x 60 mm.	45 g	60	100	150	200	250	W
Surface rating				16	25,6	38,4	51,2	64	kW
Typical operating temperature				440	540	630	720	800	° C
Maximum permissible temperature				900	900	900	900	900	° C
Wavelength range				2 – 10					µm

Standard design Operating voltage 230 V Ceramic full-pour casting Black glaze Leads 85 mm Optional accessory THI Thermal insulation sheet 1000 x 500 x 12 mm	Thermocouple radiators Designation T-SFH, T-SFH/1, T-SFH/2, T-SFH/4 Integrated thermocouple Type K (NiCr-Ni) TC leads	Variants Special wattages Special voltages Extended leads Leads with ring terminals
---	--	--

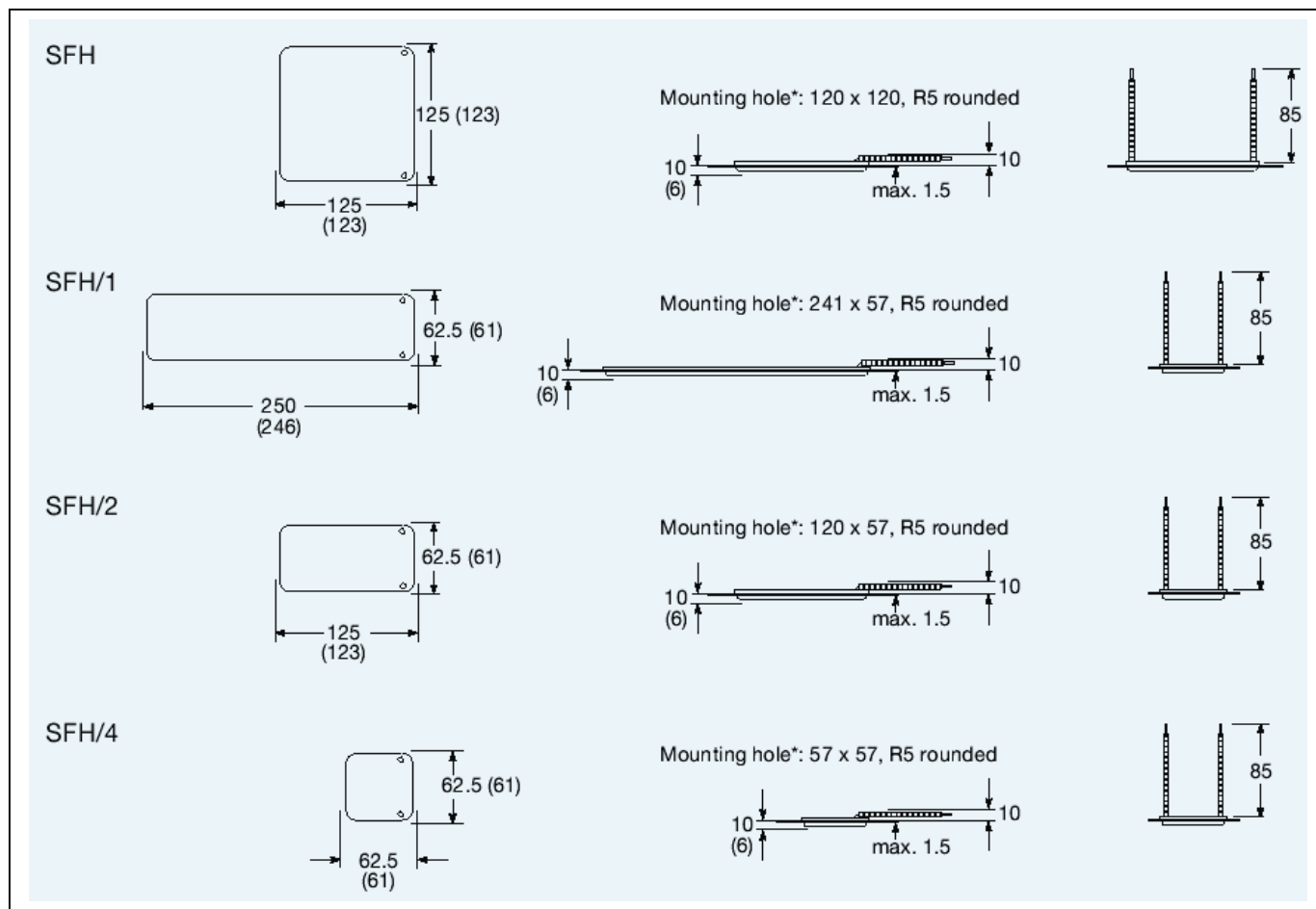


The power can be controlled using thermocouple radiators together with TRD 1 temperature controllers, TSE thyristor switching units and other accessories.

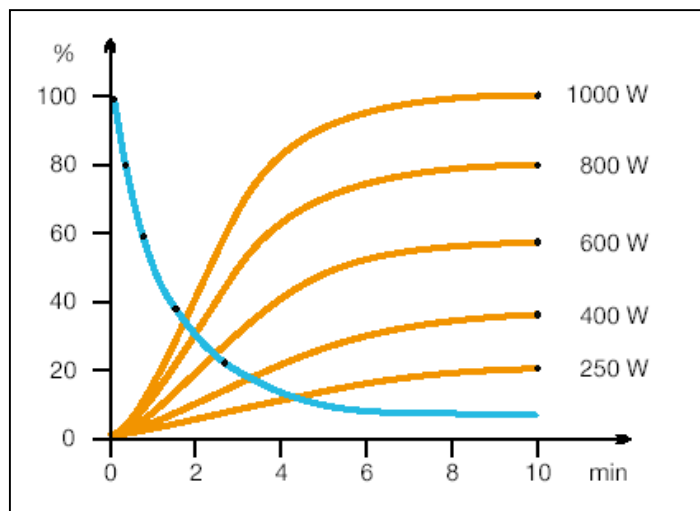
The national safety regulations must be complied with for the respective application, for example, the IEC or EN standard 60519-1, Safety in electrical heating installations.

Our instructions for mounting, operation and safety must be observed.

SFH MOUNTING DIMENSIONS AND RADIATOR DIMENSIONS () IN

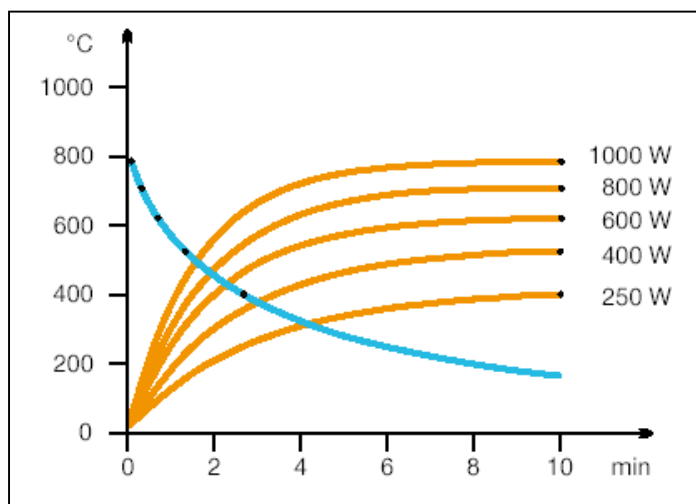


*The mounting hole is a cutout in the metal mounting sheet or the reflector to place the radiator there.



Radiator temperatures

Heating-up: red curves
Cooling-down: blue curve



Radiant powers

Heating-up: red curves
Cooling-down: blue curve