Elstein SBM series

Elstein SBM rod radiators are ceramic infrared dark radiators with surface ratings of up to 36.0 kW/m².
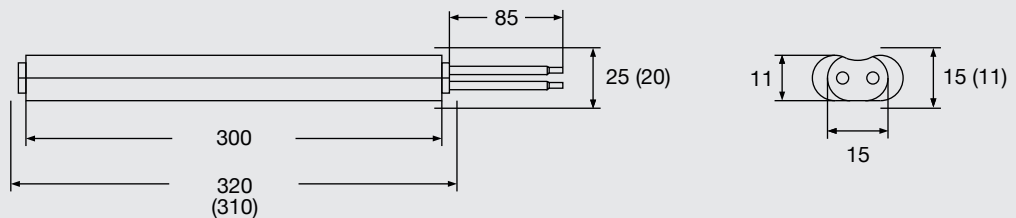
SBM radiators have been developed for use in infrared saunas and due to their long-wave infrared radiation gently and pleasantly heat the human body.

Furthermore, SBM rod radiators can also be used for other heating tasks. Due to their long oval design, they are particularly suitable for linear heating or for spacesaving installations, if low installed heights have to be achieved.
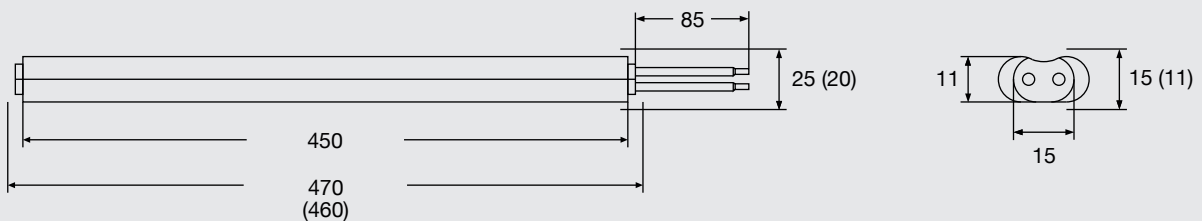
SBM series radiators can be installed in any position. The power can be adjusted using a proprietary dimmer.

Elstein SBM rod radiators are available in two designs and cover the power range from 200 W to 400 W.
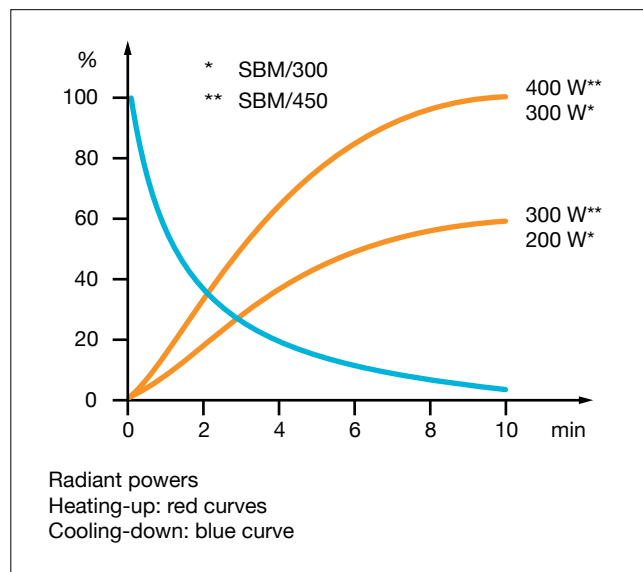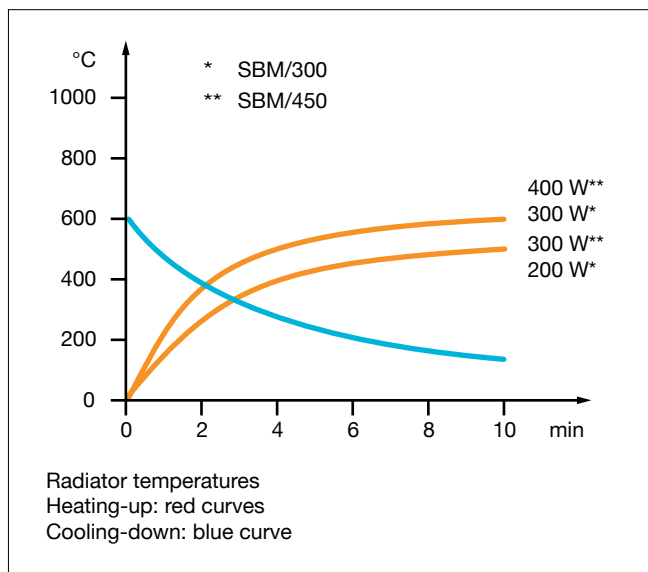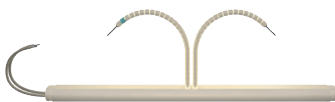
SBM/300

SBM/450

Mounting dimensions and radiator dimensions ( ) in mm

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

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

Type, weight, wattage			200	300	-	-	W
	SBM/300	110 g	200	300	-	-	W
	SBM/450	165 g	-	-	300	400	W
Surface rating			24.0	36.0	24.0	32.0	kW/m²
Typical operating temperature			420	550	350	500	°C
Maximum permissible temperature			600	600	600	600	°C
Wavelength range			3 - 10				µm

Standard design

Operating voltage 230 V
Ceramic full-pour casting
Leads 85 mm
Leads with insulating sleeve

Thermocouple radiators

Designation T-SBM/300,
T-SBM/450
Integrated thermocouple
Type K (NiCr-Ni)
TC leads 100 mm

Variants

Special wattages
Special voltages
Extended leads
Leads with ring terminals

The power can be adjusted using proprietary power controllers or dimmers.

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.

Please observe our instructions for mounting, operation and safety.