



Fig. 1: Elstein WKS infrared cabin radiator
Top: Front of the heater. Bottom: Rear.

Elstein WKS infrared cabin radiators are ceramic IR radiators, which have been developed for the requirements in IR cabins regarding material, geometry, function, design and mounting.

WKS radiators have a considerably extended radiation surface, which is designed convexly. Thus there is a five-times bigger primary radiation surface compared to heating systems with reflector.

Since WKS radiators are held by a flat metal frame, the assembly of radiation fields is possible in any size on the cabin's wall. An insulation layer in the inner part of the heater increases the radiator's efficiency and limits the temperature on its back mounting surface.

Compared to cabins, which are equipped with heating foils, there is a much improved ratio between radiation surface and radiator's temperature, so that the heating of the user is done mainly by infrared radiation instead of convection.

Elstein WKS infrared cabin radiators are available with a power of 200 W and 250 W.

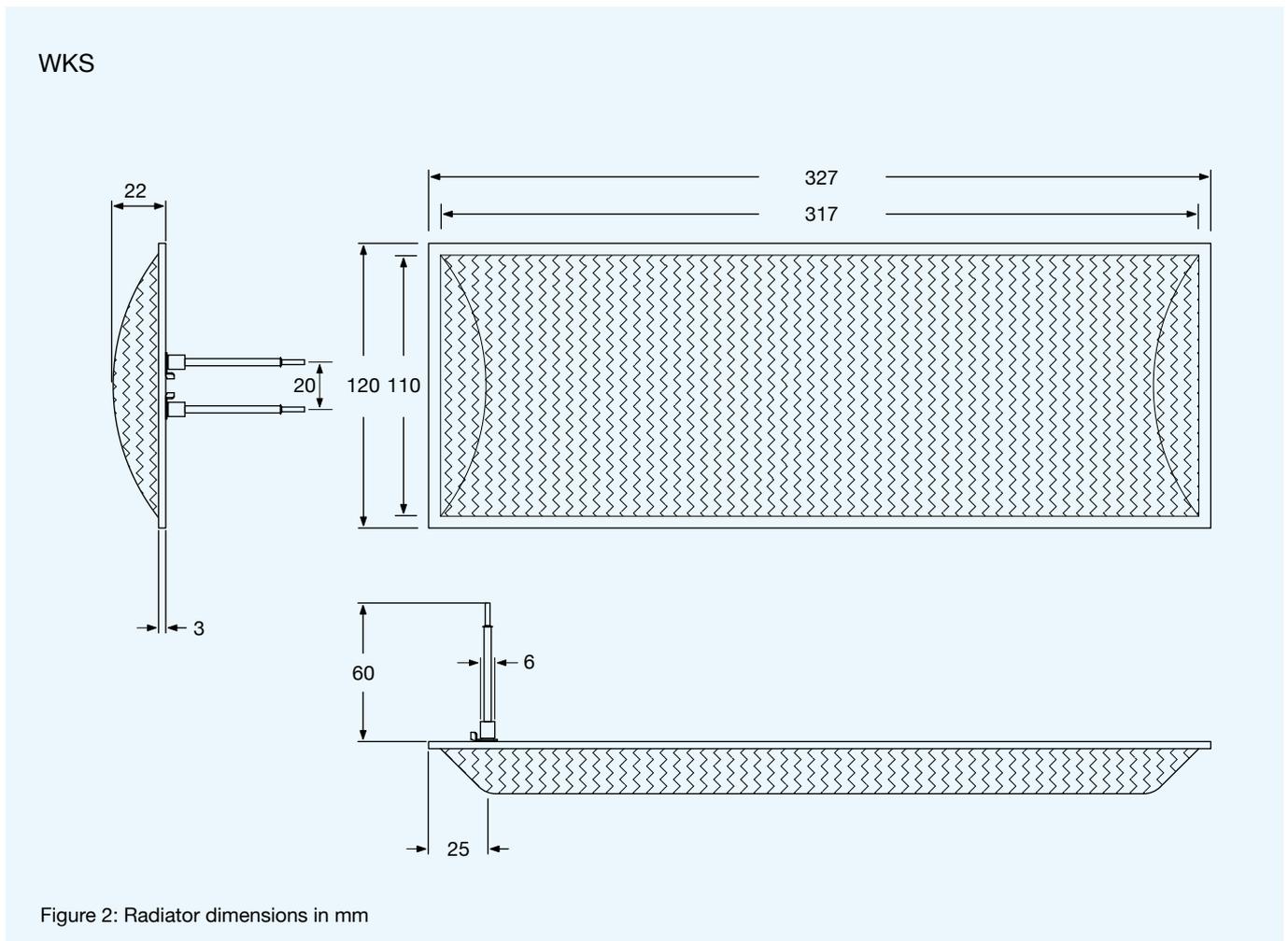
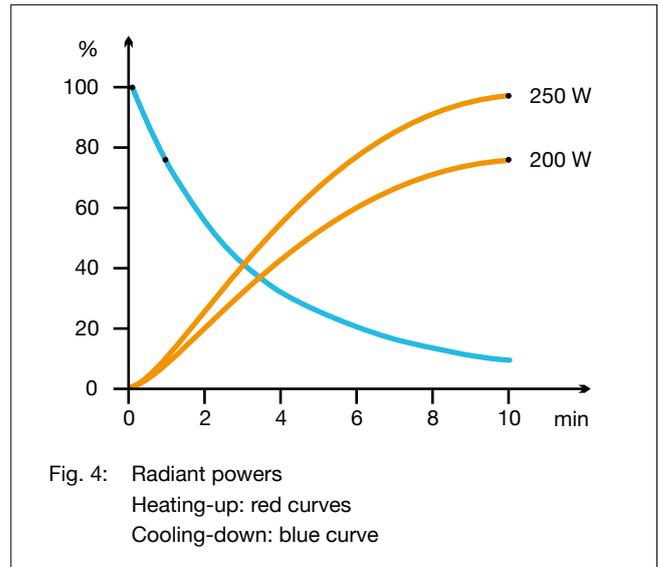
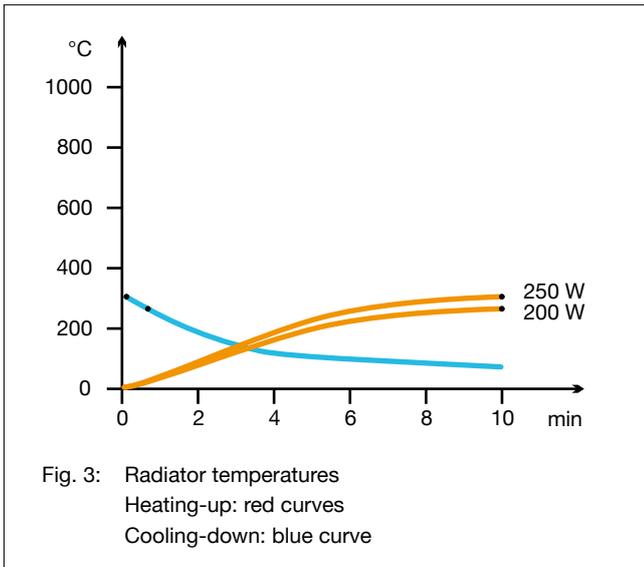


Figure 2: Radiator dimensions in mm



Type, weight, wattage	WKS	260 g	200	250	W
Surface rating			5.6	7.0	kW/m ²
Typical operating temperature			260	300	°C
Maximum permissible temperature			400	400	°C
Wavelength range			3 - 10		µm

Standard design Operating voltage 230 V Ceramic full-pour casting Integrated thermal insulation Heater's back open Leads 60 mm Leads with insulating sleeve	Thermocouple radiators Not available. For means of controlling output see below.	Variants Special wattages Special voltages Extended leads Leads with ring terminals
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The power can be controlled 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.

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