Fin strip element

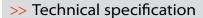
7.01.02 Fin strip element for IR radiators



>> Description

Tubular element with fins stripped vertically on to the elements

The fins reduce the surface temperature of the element as well as increase the radiating area. The result is an element where IR-radiation is better than without fins, at the same power and element length. Alternatively more power can be put in a smaller heater without reducing the IR-radiation.



Material Tube in stainless steel e.g.

AISI 304/EN 1.4301 R323/EN 1.4828 Incoloy 800/EN 1.4876

Fins in stainless steel AISI 304/EN 1.4301

Dimension Tubular diam: 8.5 mm

Fin: width: 7 or 10 mm. Thickness: 0.5 mm

Connection M4, 6.3 tab terminals, cables or round pin Ø 2.5 or 3.5 mm

Voltage Max 480 V

Surface load On tube up to 9 W/cm²

Safety The elements meet requirements acc. to EN 60335-1

Others Min. bending radius 25 mm



>> Benefits

- More compact design of application possible
- High radiation power

>> Fields of application

- All kinds of radiation heaters

