

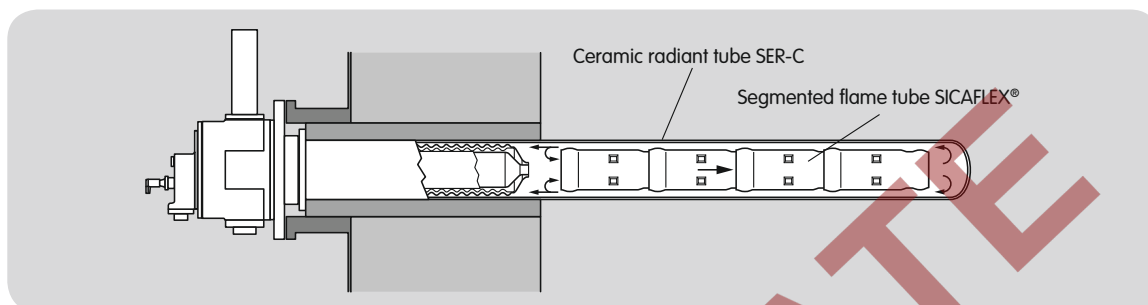
Ceramic radiant tube SER-C

Product brochure · GB
7 Edition 11.14



- Suitable for high temperature applications and high radiation output thanks to ceramic material
- Can be used in many applications thanks to different radiant tube diameters
- Patented flange connection for improved gas tightness
- No counter bearing required due to high dimensional stability
- Long maintenance intervals, no rotation of radiant tube
- Long service life thanks to high resistance to oxidation and corrosion

Application



The ceramic radiant tube SER-C (SER = single-ended radiant tube) is used in conjunction with a self recuperative burner for indirect heating in heat treatment processes where the combustion gases must be separated from the product.

A flame tube must be fitted inside the ceramic radiant tube SER-C to guide the hot flue gases. In the case of vertical installation, a cruciform spacer must also be fitted to ensure optimum sizing of the recirculation gap.

Example of application



The ceramic radiant tube SER-C with patented flange connection is gas-tight.



Ceramic radiant tubes SER-C in roller hearth furnace during installation work

Type code

Code	Description
SER-C	Ceramic single-ended radiant tube
	External/internal dia. [mm]
100/088	100/088
142/128	142/128
162/148	162/148
202/188	202/188
	Length W [mm]
W1000	1000
W1100	1100
W1200	1200
W1300	1300
W3000	3000
	Flange connection for
F0	ECOMAX 0C
F1	ECOMAX 1C
F2	ECOMAX 2C
F3	ECOMAX 3C
F	Third-party product
H	For hydrogen
Z	Connection dimensions different from standard

Technical data

Material:

Radiant tube: SiSiC, max. application temperature 1350°C (2462°F),

Flange connection: heat-resistant steel 1.0425 (H11).

Storage temperature:

-20°C to +40°C (-4°F to +104°F).



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Detailed information on this product



<http://docuthek.kromschroeder.com/documents/index.php?menuid=31&topmenu=31&lang=en&togglestate=0&searchvalue=ser-c&searchclass=0&searchlang=0&searchdate=&searcharchive=&searchfolder=0&folder=0&selclass=6&sortmode=name&sellang=GB>

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