

SELF RECUPERATIVE AND RADIANT TUBE BURNERS

SICAFLEX

For installation in metallic and ceramic radiant tubes

Overview



Segmented flame tubes for for installation in metallic and ceramic radiant tubes to guide the flue gases in single-ended radiant tubes.

Features & Benefits:

- Flame tubes can be made to any length by combining individual flame tube segments
- Patented design with bayonet joints allows flame tube to be bent
- Material: SiSiC for maximum thermal capacity
- Minimum radiant tube internal diameter: 88 mm
- Sicaflex external diameter: 84 mm (±1)
- Length: 200 mm Narrow end cut off

More Information:

- [Technical Information for SICAFLEX®](#)
- [Find products in ProFi for SICAFLEX](#)

Specifications

APPLICATIONS & COMPATIBILITY

Applications

- Guiding hot flue gases in single-ended radiant tubes

Compatible Burner Types

- Self-recuperative burners - ECOMAX..C and ECOMAX..M

DIMENSIONS & LENGTH SPECIFICATIONS

Segment Length

- Optional: 250, 200, 150 mm
- Standard: 300 mm

CONNECTIONS & INTERFACES

Segment Connection Type

- Bayonet joint



IGNITION, FLAME & SUPERVISION SPECIFICATIONS

Recirculation Gap

- 30 mm ± 5 mm (D1)

OVERVIEW

Product Type

- Segmented ceramic flame tube

PROCESSING & PERFORMANCE METRICS

NOx Emissions

- Supports NOx reduction

MAXIMUM/MINIMUM TEMPERATURE LIMITS

Maximum Application Temperature

- 1350 deg C

MATERIAL SPECIFICATIONS

Material

- SiSiC (Silicon Infiltrated Silicon Carbide)

ELECTRICAL SPECIFICATIONS

Maintenance Interval

- Not specified; long service life due to ceramic material

INSTALLATION & MOUNTING SPECIFICATIONS

Installation Orientation

- Horizontal and vertical configurations

THERMAL, FLOW & PROCESS CHARACTERISTICS

Heating Type

- Indirect heating (radiant tube systems)

MECHANICAL DESIGN & ADJUSTMENT CHARACTERISTICS

Deflector Gap

- 0.7 to 1.5 x radiant tube internal diameter (V1)

Cut End Options

- Narrow end (F), wide end (M)

Filters

▼ CATEGORY

☒ Base Part

☒ Spare Part

▼ TYPE

☒ Flame Tube

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Part Number	22802504
Description	DC-M140/130 H 95-A30T
Category	Base Part
Type	Flame Tube Order Online
Part Number	KS22102515
Description	SICAFLEX 300/280/275-300
Category	Spare Part
Type	Flame Tube Order Online
Part Number	KS22107451
Description	SICAFLEX 162/147/143-300
Category	Spare Part
Type	Flame Tube Order Online
Part Number	KS22107453
Description	Sicaflex 152/133/129-300
Category	Base Part
Type	Flame Tube Order Online
Part Number	KS22108168
Description	SICAFLEX 162/147/143-250M
Category	Base Part
Type	Flame Tube Order Online
Part Number	KS22110531
Description	SICAFLEX 162/147/143-200F
Category	Base Part
Type	Flame Tube Order Online
Part Number	KS22436913
Description	SICAFLEX 142/127/123-300
Category	Base Part
Type	Flame Tube Order Online
Part Number	KS22803975
Description	DC-M164/152 H100-A30T
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Product Number



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KS22110531

SICAFLEX 162/147/143-200F

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SICAFLEX 142/127/123-300

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