



Self recuperative ceramic burner for radiant tube and direct heating

gross capacity (lower calorific heating value)

nominal (standard): 80kW
 min./max. capacity (opt.): 50kW / 100 kW

fuel

natural gas (standard): natural gas H, methane
 other (option): propane, butane und other dust-free non aggressive clean gases

supply pressure

fuel: 6000 Pa (60 mbar), $\pm 5\%$
 combustion air: 8000 Pa (80 mbar), $\pm 5\%$

max. furnace temperatures

direct firing: 1300°C
 indirect heating: 1250°C

flame safety

ionisation (standard): one electrode for ignition and ionisation each
 UV-cell (option): the burner is prepared to accept a UV-cell

combustion mode:

FLOX®/Flame (stand.): above approx. 850°C in FLOX® mode
 FLOX® (option): FLOX® mode above 850°C
 Flame (option): air staged high velocity combustion

burner control

on / off

recuperator

pointed (standard): fitting length 500mm
 pointed (option): fitting length 600mm



customization is possible

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