



Self recuperative ceramic for radiant tube and direct heating

gross capacity (based on lower heating value)

nominal (standard): 136,000 BTU/hr (40kW)
 min./max. capacity (opt.): 100,000 BTU/hr / 170,000 BTU/hr (30kW / 50 kW)

fuel

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

supply pressure

fuel: 24" w.c. (6000 Pa), ± 5%
 combustion air: 32" w.c. (8000 Pa), ± 5%

max. furnace temperatures

direct firing : 2350°F (1300°C)
 indirect heating: 2250°F (1250°C)

flame safety

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

combustion mode:

FLOX®/Flame (stand.): above approx. 1562°F (850°C) in FLOX® mode
 FLOX®: (option) FLOX® mode above 1562°F (850°C)
 Flame (option): high velocity combustion

burner control

on / off

recuperator

pointed (standard): fitting length 20" (500mm)
 pointed (option): fitting length 16"/24" (400/600mm)
 corrugated (option): fitting length 20"/16"/24" (500/400/600mm)

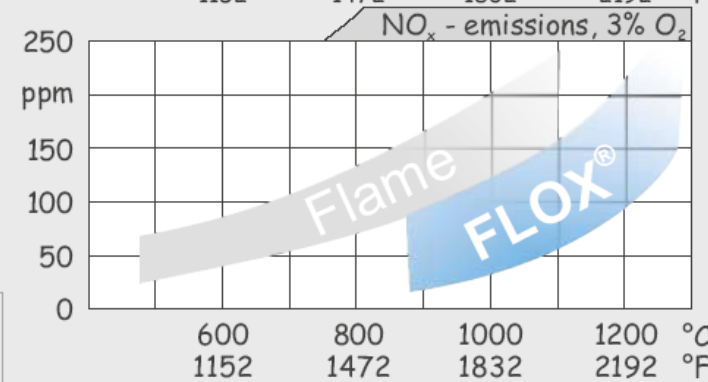
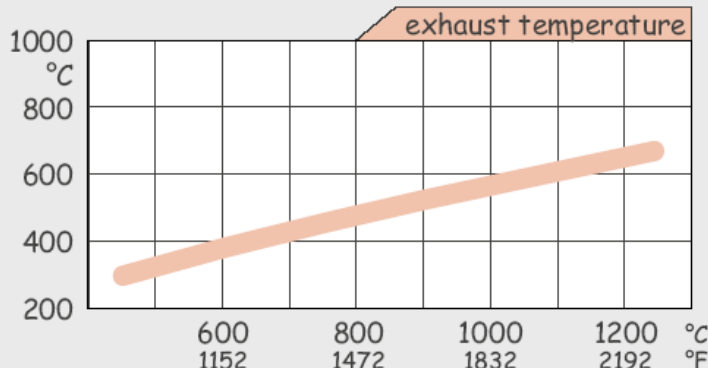
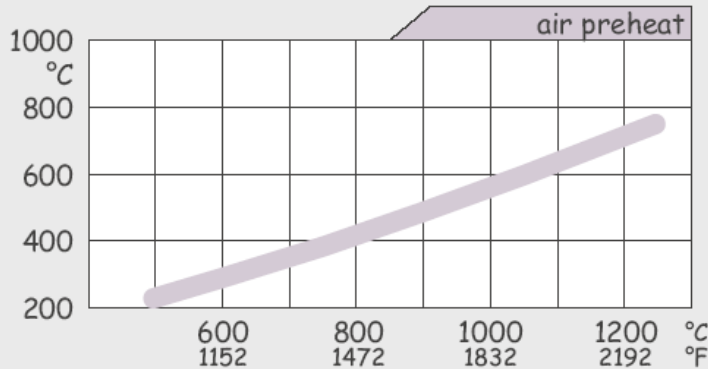
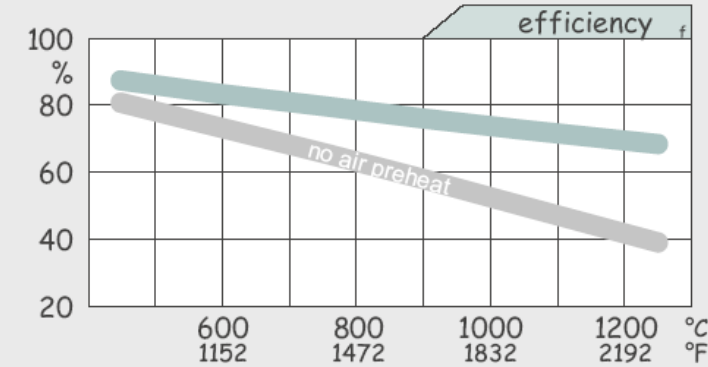


customization is possible

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REKUMAT® C150

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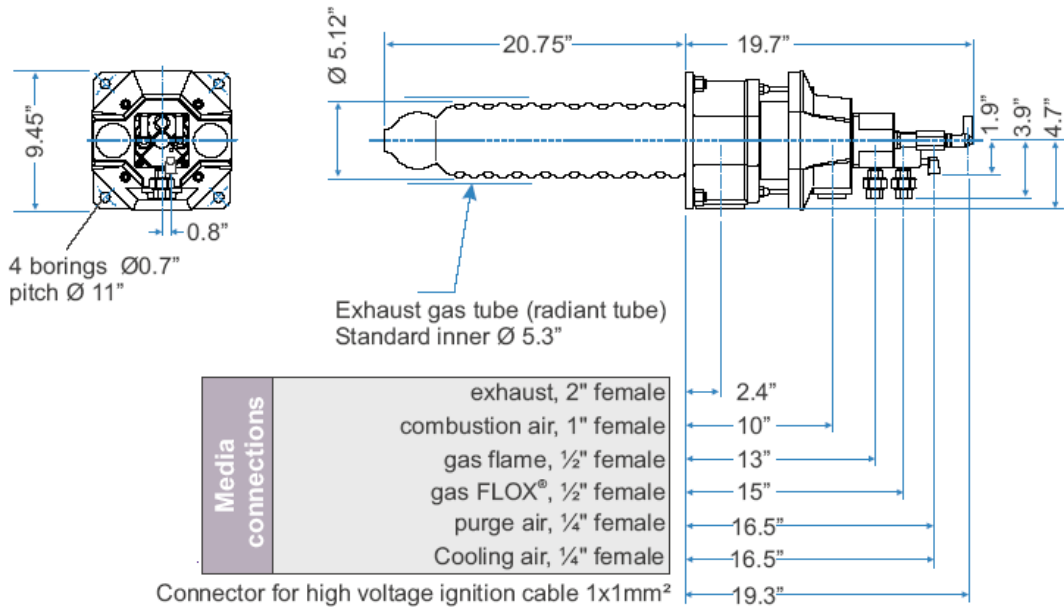
Exhaust gas temp. at the recuperator entry



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Please see our general remarks regarding the efficiency and emission diagrams

Self recuperative ceramic burner REKUMAT® C150



Possible orientation for media connections

The media connections for:

- exhaust gas
 - combustion air
 - gas, purge air
- may be rotated in 90° intervals to achieve the desired orientation



costumization is possible

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Please see our general remarks about technical data.