



Self recuperative ceramic burner REKUMAT®C 100

gross capacity (based on lower heating value)

nominal (standard): 68,000 BTU/hr (20kW)
 min./max. capacity (opt.): 50,000 BTU/hr / 85,000 BTU/hr (15kW / 25 kW)

fuel

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

max. furnace temperatures

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

flame safety

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

combustion mode:

Flame (standard): high velocity combustion
 FLOX® (option): FLOX® mode above ~1562°F (850°C)

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)



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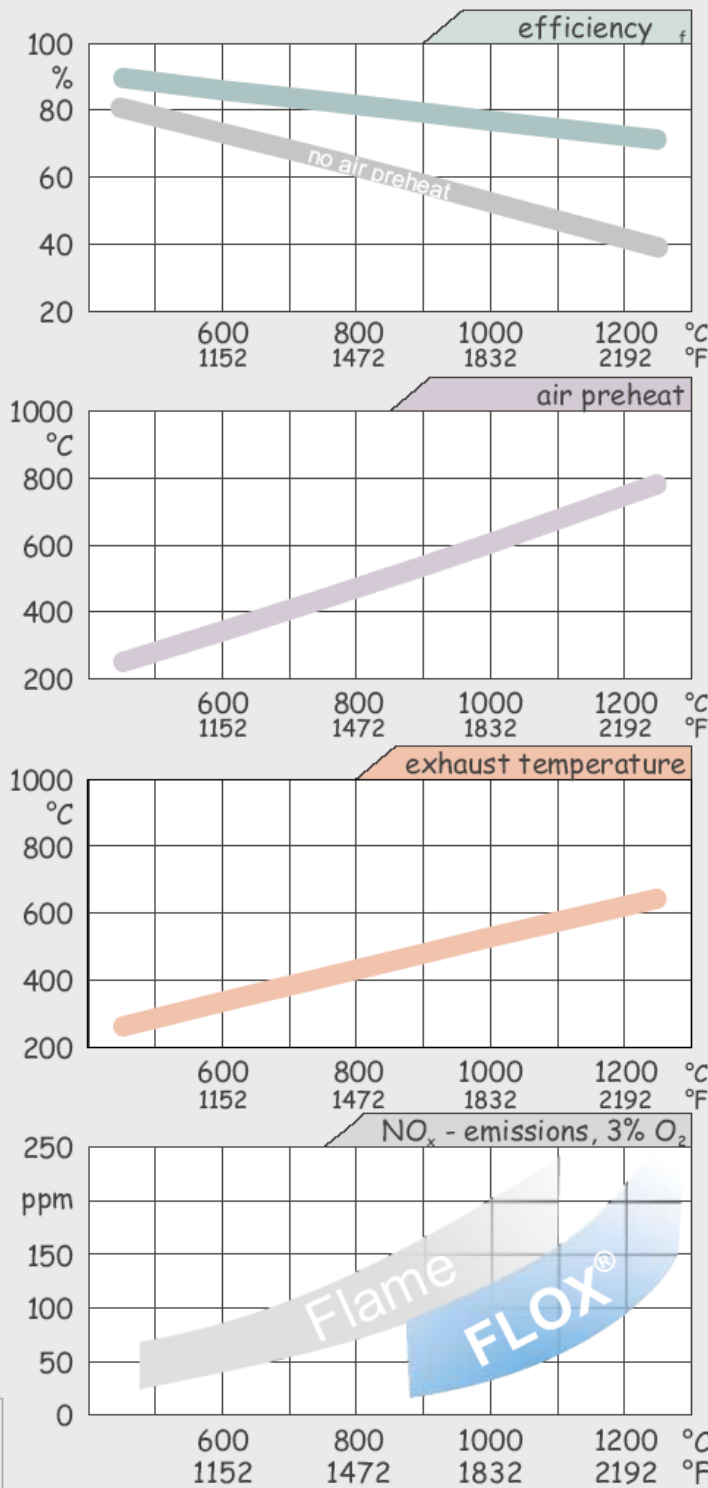
customization is possible

Please see our general remarks about technical data.

REKUMAT® C100

ver00116

standard model



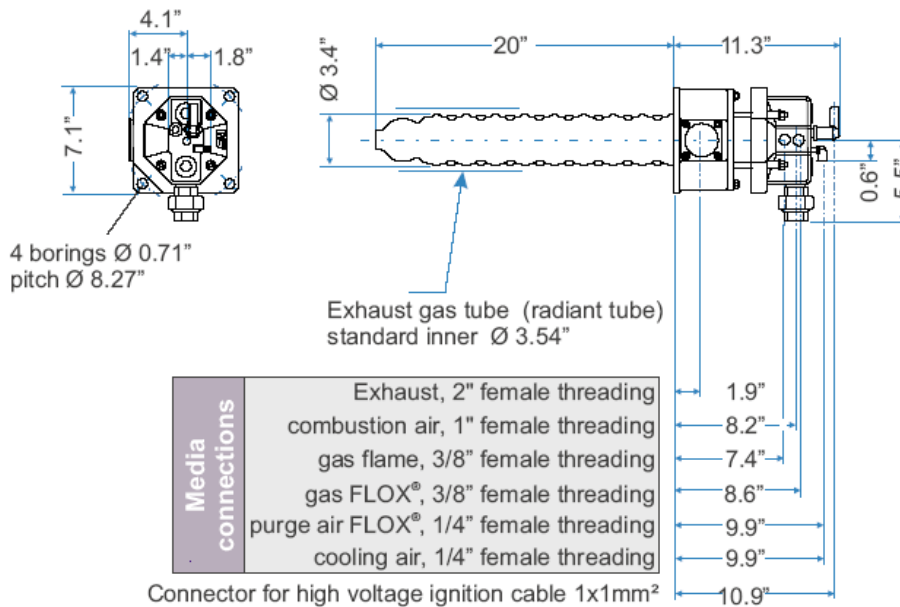
Exhaust gas temp. at the recuperator entry



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Please see our general remarks regarding the efficiency and emission diagrams

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Possible orientation for media connections

The media connections for:

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



Customization is possible

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