

Self recuperative burner REKUMAT® M150

gross capacity (based on lower heating value)

nominal (standard): 40 kW
 min./max. capacity (opt.): 30 kW / 50 kW

Fuel

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

Supply pressure

fuel: 6000 Pa (60 mbar), ± 5%
 Combustion air: 8000 Pa (80 mbar), ± 5%

max. furnace temperatures

direct firing: 1150°C
 indirect heating: 1000°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®/Flame
 air staged high velocity: above approx. 850°C in FLOX® mode
 FLOX®: (option) only FLOX® mode above 850°C
 Flame (option): Flame mode (air staged high velocity)

burner control

on / off

recuperator

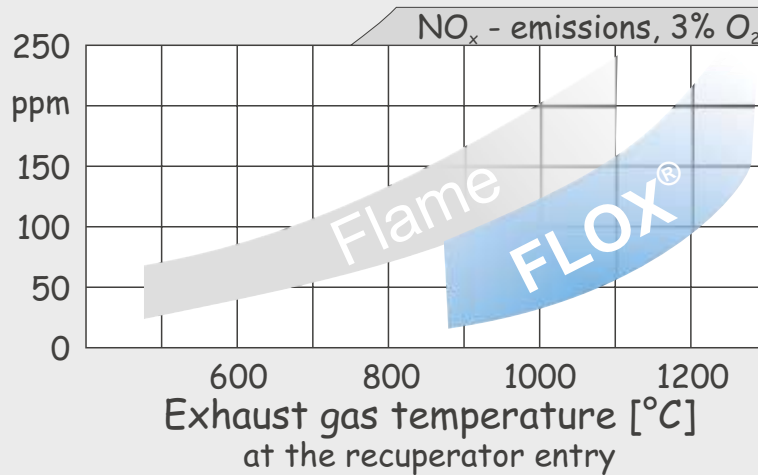
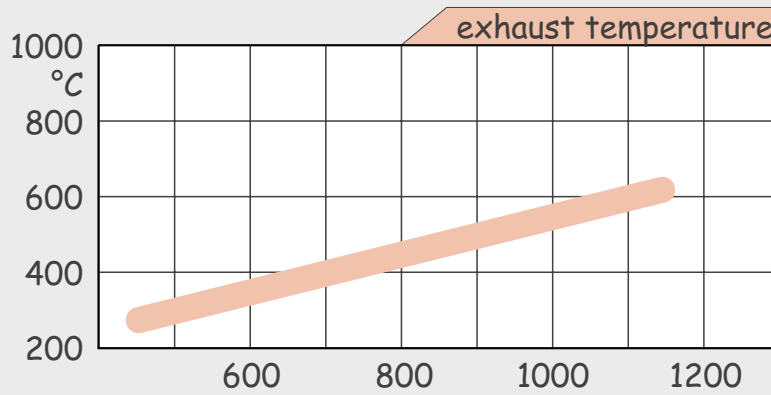
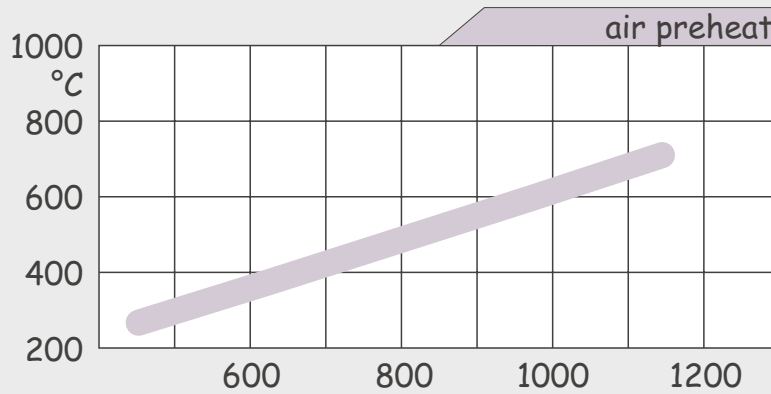
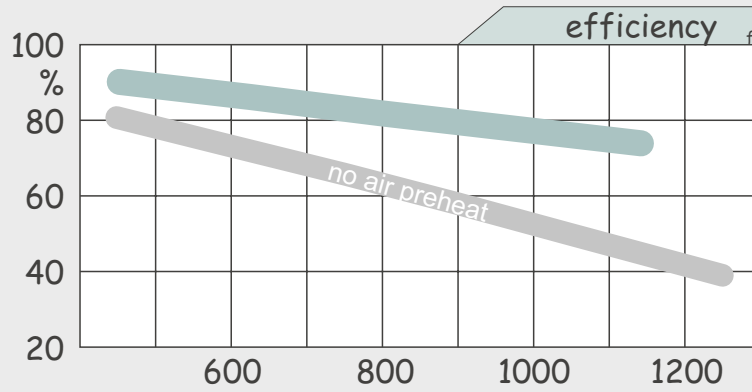
finned (standard): fitting length 500mm
 finned (option): fitting length 600 / 700mm



customization is possible

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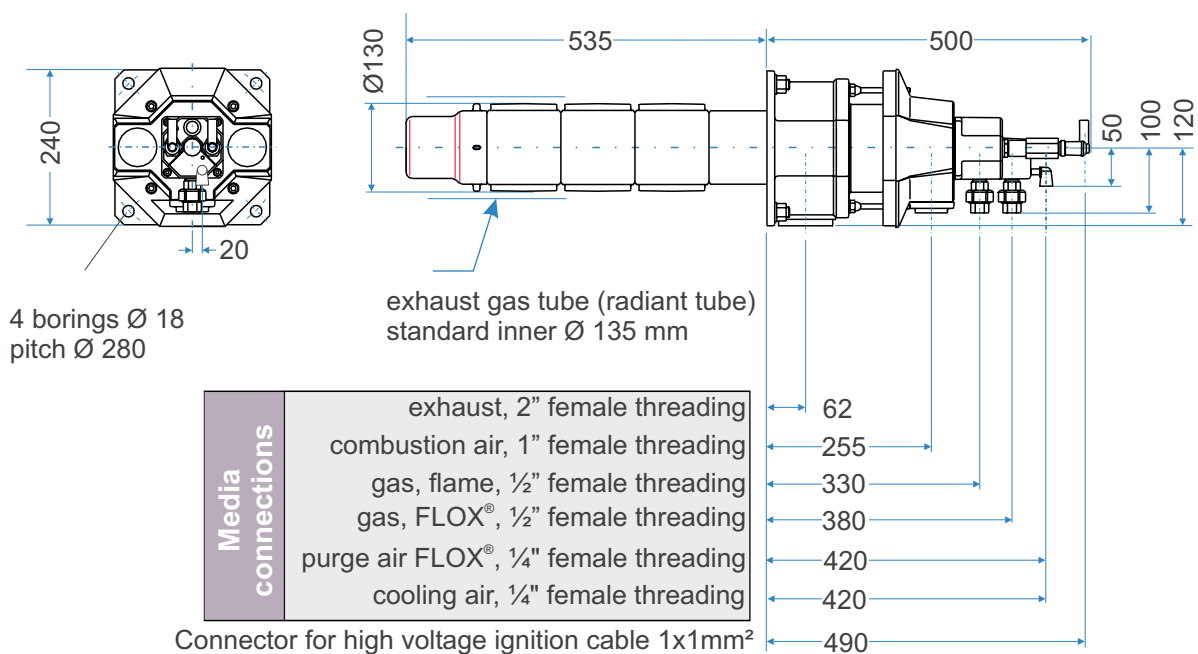
standard model



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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



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