



Self recuperative burner REKUMAT® M250

gross capacity (based on lower heating value)

nominal (standard):	160 kW
min./max. capacity (opt.):	120 kW / 190 kW
max. (special design):	240 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

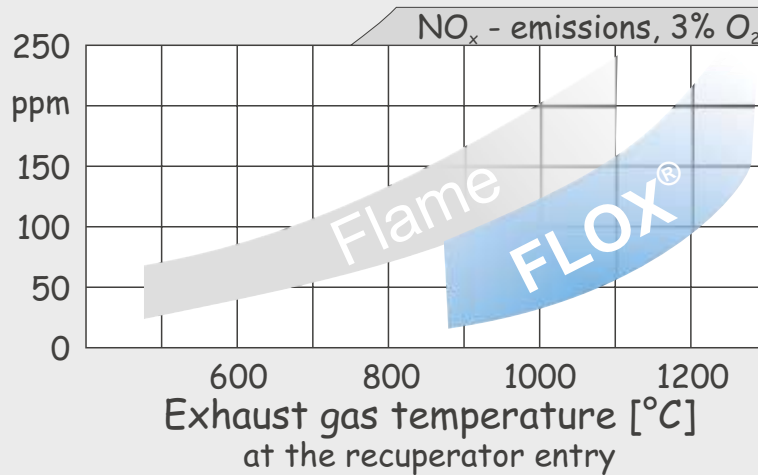
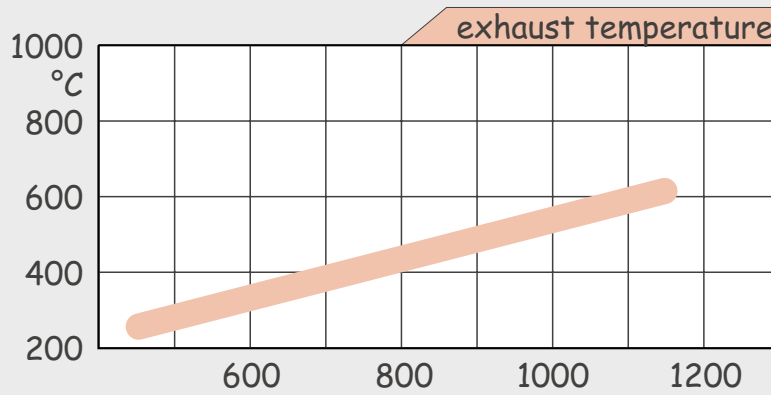
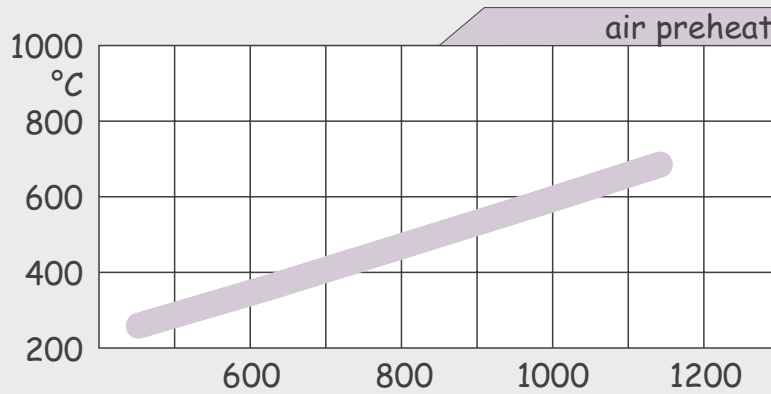
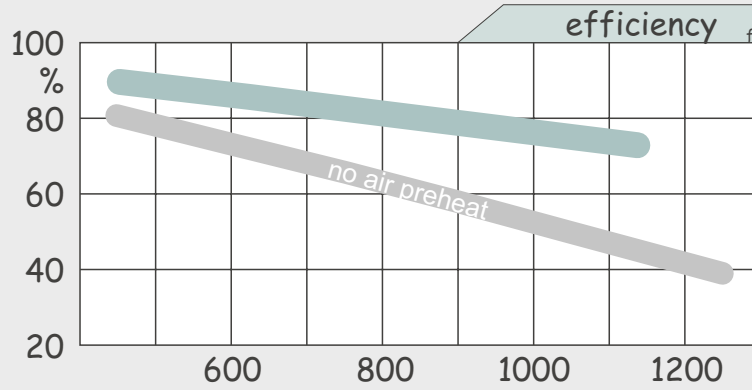
finned (standard):	fitting length 600mm
finned (option):	fitting length 500 / 700mm



customization is possible

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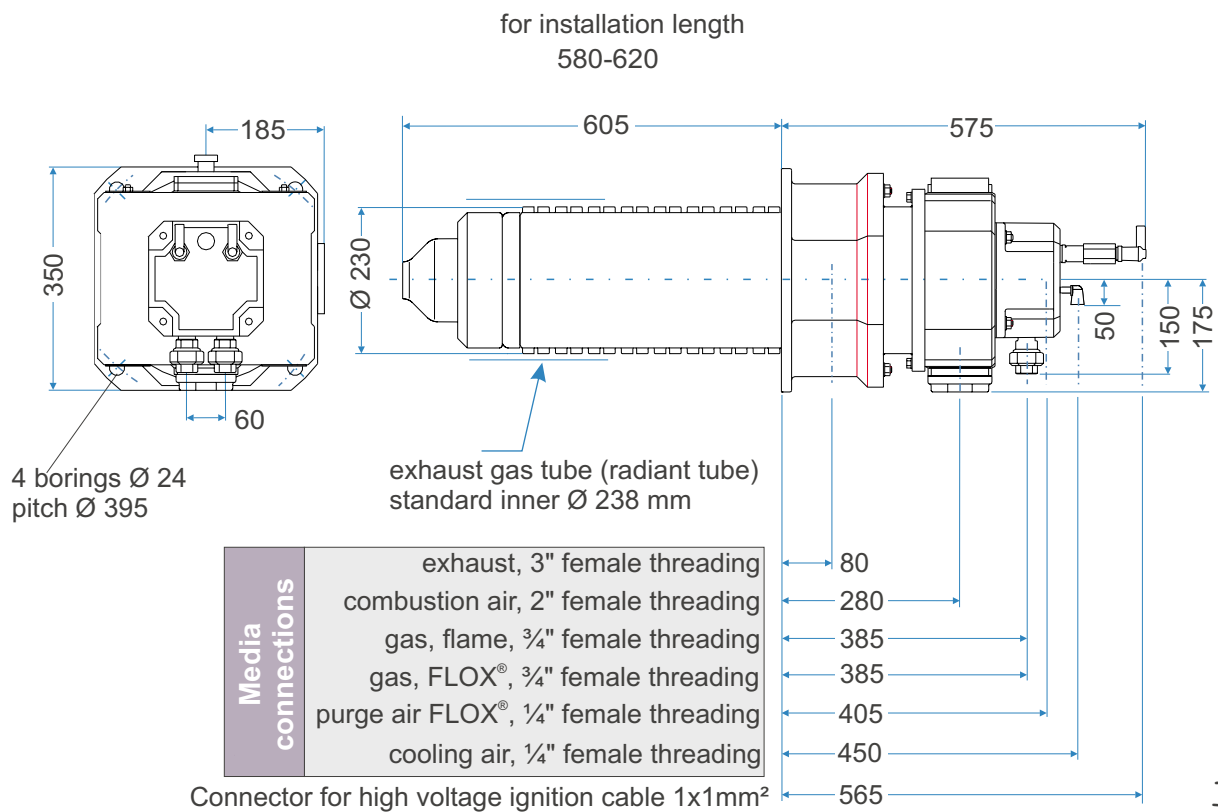
standard model



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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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