



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 |



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customization is possible

Please see our general remarks about technical data.