



Self recuperative burner REKUMAT® M150

gross capacity (based on lower heating value)

nominal (standard): 137,000 BTU/hr (40 kW)
 min./max. capacity (opt.): 102,000 BTU/hr/171,000 BTU/hr (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: 2100°F (1150°C)
 indirect heating: 1830°F (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. 1562°F (850°C) in FLOX® mode
 FLOX®/Flame
 air staged high velocity: above approx. 1562°F (850°C) in FLOX® mode
 FLOX®: (option) only FLOX® mode above 1562°F (850°C)
 Flame (option): Flame mode (air staged high velocity)

burner control

on / off

recuperator

finned (standard): fitting length 20" (500mm)
 finned (option): fitting length 24"/28" (600 / 700mm)



customization is possible

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Please see our general remarks about technical data.