



Self recuperative burner REKUMAT[®] M200

gross capacity (based on lower heating value)

nominal (standard): 173,000 BTU/hr (80 kW)

min./max. capacity (opt.): 204,000 BTU/hr / 342,000 BTU/hr (60 kW/100 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), \pm 5%

Combustion air: 8000 Pa (80 mbar), \pm 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 24" (600mm)

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



© 2001

customization is possible

Please see our general remarks about technical data.