



## Self recuperative burner REKUMAT<sup>®</sup> M250

### **gross capacity (based on lower heating value)**

nominal (standard):	546,000 BTU/hr (160 kW)
min./max. capacity (opt.):	410,000 BTU/hr/649,000 BTU/hr (120 kW/190 kW)
max. (special design):	820,000 BTU/hr (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:	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 <sup>®</sup> /Flame (stand.):	above approx. 1562°F (850°C) in FLOX <sup>®</sup> mode
FLOX <sup>®</sup> /Flame	
air staged high velocity:	above approx. 1562°F (850°C) in FLOX <sup>®</sup> mode
FLOX <sup>®</sup> : (option)	only FLOX <sup>®</sup> 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.