



### Self recuperative ceramic burner for radiant tube and direct heating

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

nominal (standard): 40 kW  
 min./max. capacity (opt.): 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),  $\pm 5\%$   
 combustion air: 8000 Pa (80 mbar),  $\pm 5\%$

#### **max. furnace temperatures**

direct firing: 1300°C  
 indirect heating: 1250°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® (option): FLOX® mode above 850°C  
 Flame (option): high velocity combustion

#### **burner control**

on / off

#### **recuperator**

pointed (standard): fitting length 500mm  
 pointed (option): fitting length 400/600mm  
 corrugated (option): fitting length 500/400/600mm



© 2001

customization is possible

Please see our general remarks about technical data.