

## Self recuperative ceramic burner REKUMAT®C 80

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

nominal (standard): 41,000 BTU/hr (12kW)

min./max. capacity (opt.): 17,000 BTU/hr / 51,000 BTU/hr (5kW / 15 kW)

### **fuel**

natural gas (standard): natural gas, methane

other (option): propane, butane und other dust-free non aggressive, clean gases

### **max. furnace temperatures**

direct firing : 2350°F (1300°C)

indirect heating: 2250°F (1250°C)

### **flame safety**

ionization (standard): one common electrode for ignition and ionization

UV-cell (option): not possible

### **combustion mode:**

Flame (standard): high velocity combustion

### **burner control**

on / off

### **recuperator**

pointed (standard): fitting length 14" (350mm)

pointed (option): fitting length 10" (250mm)

Corrugated (option): fitting length 14"/10" (350/250mm)



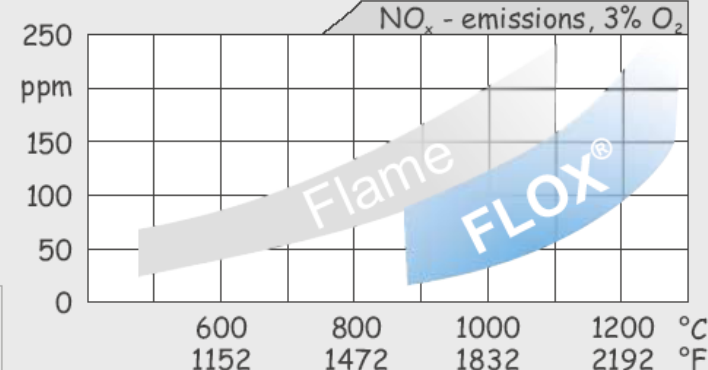
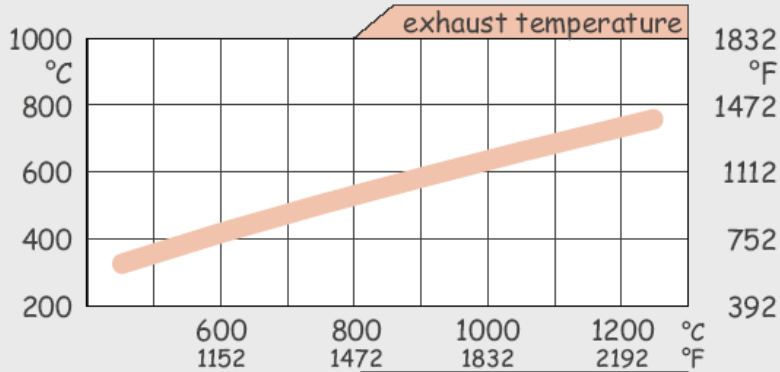
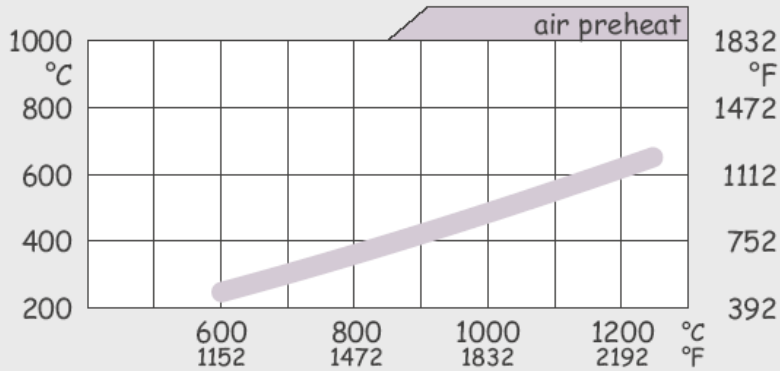
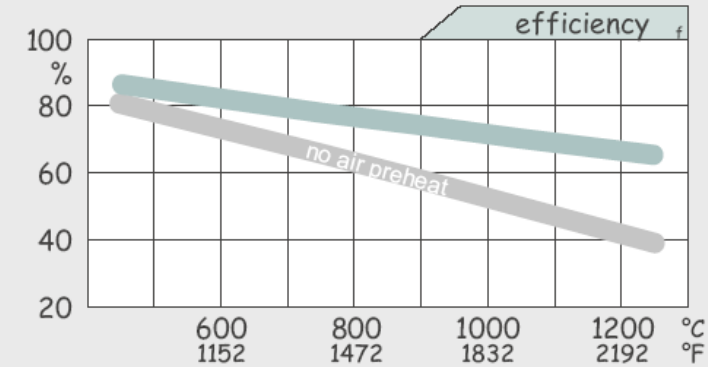
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customization is possible

Please see our general remarks about technical data.

# REKUMAT® C80

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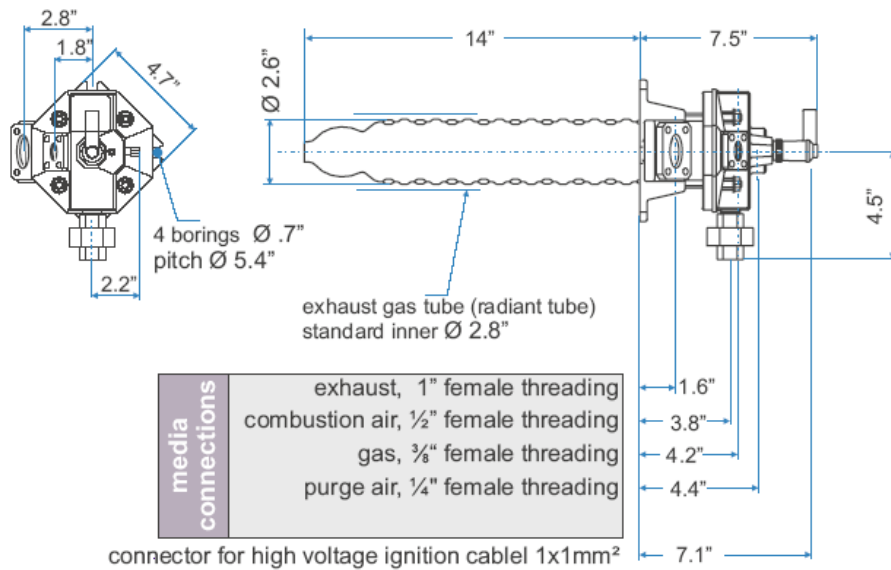
Exhaust gas temp. at the recuperator entry



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Please see our general remarks regarding the efficiency and emission diagrams

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Possible orientation for media connections

The groups for:

- exhaust gas
  - combustion air, gas and purge air
- may be rotated in 90° intervals.



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