



Premix ceramic heaters with modulation

This range of modulating ceramic gas heaters represents an innovative project. There are two versions: **automatic premix with modulation** and **manual premix**. Both of them have the possibility to be completed with external air intake and filters.



RADIANT

| Model | | | SCR 25 | SCR 45 |
|--|---------|-----------------|--------|--------|
| Maximum thermal power | | kW | 24 | 45 |
| Minimum thermal power | | kW | 12 | 24 |
| Nominal consumption (15°C 1013,25 mbar) | G20 | Nm ³ | 2,54 | 5,03 |
| | | Nm ³ | 1,27 | 2,56 |
| | G31 | kg/h | 1,86 | 3,97 |
| | | kg/h | 0,93 | 1,96 |
| | | kg/h | 1,83 | 3,66 |
| Nozzle diameter | G31 50% | kg/h | 0,91 | 1,82 |
| | G20 | mm | 3,7 | 5,5 |
| | | mm | 3 | 4,3 |
| | G31 50% | mm | 2,9 | 4,1 |
| Electrical power supply | | V/Hz | 230/50 | 230/50 |
| Maximum electrical power | | W | 60 | 60 |
| Connection tube DN | | mm | 20 | 20 |
| Net weight (standard version) | | kg | 23 | 32 |
| Net weight (OW version) | | kg | 21 | 30 |

- » **2 versions, with manual and automatic frequency variator for for the modulation of the radiant emissions**
- » **Thermal capacity: 24 and 45 kW**
- » **For zone heating of medium and large industrial environments with poor insulation, outdoor working areas (sheds not surrounded by perimeter walls), partial areas of industrial environments**

TECHNICAL FEATURES

- » Premix gas burner with modulation
- » Digital PWM variator
- » Ceramic plates with high thermal emission
- » Possibility to install air filters
- » On/off or with modulating version
- » Manual set-up of the thermal capacity with potentiometer (SCR M version)
- » Automatic with modulation of themal capacity (SCR A version)

SCR-OW "STADIO" version

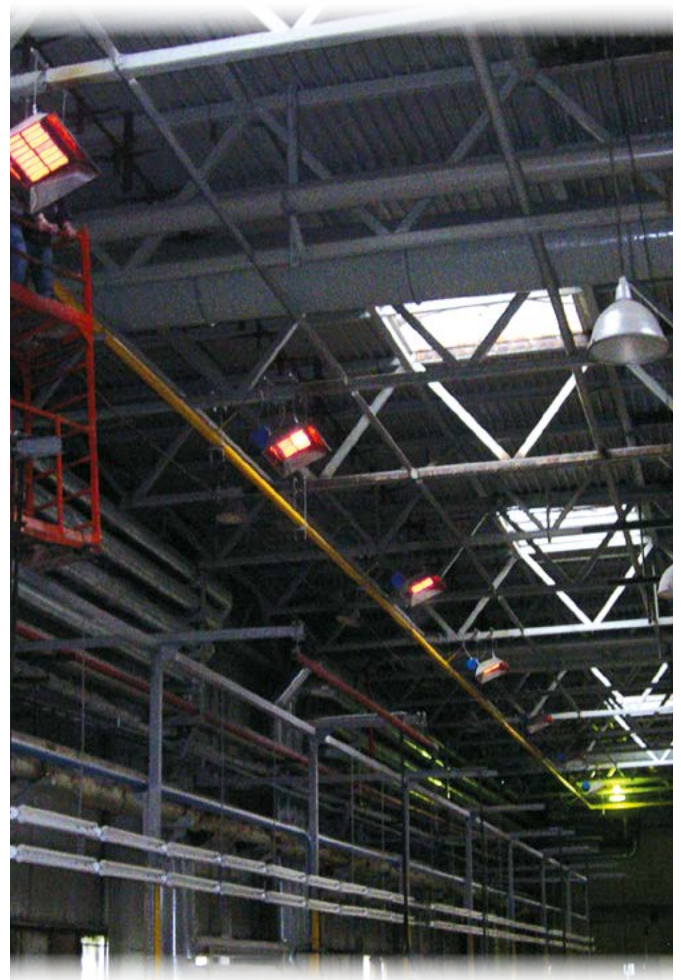


This ceramic heater has been designed specifically to be used in large and high open areas or for zones heating.

In particular it is used for the heating of sports fields.

For this purpose specific technical solutions have been considered in order to an high performance of the product all time independently from the weather conditions of humidity and/or wind gusts.

A few components, different from the standard version, are: reflectors for the concentration of the radiating cone, the windproof deflector security, appropriately shaped network and the ignition conveyor in the cutting flow.



SCR-ECO "ON/OFF" ceramic heaters



| Models | | SCR-ECO / SCR-CU | | | | SCR-ECO | | | |
|------------------------------------|--------------------|------------------|-------|-------|-------|---------|-------------|-------------|---------|
| | | 7/4 | 10/6 | 18/10 | 22/12 | 29/16 | 44 12+12 | 58 16+16 | |
| Quantity of plates | n° | 4 | 6 | 10 | 12 | 16 | 24 | 32 | |
| Hs thermal capacity (EN437) | kW | 8,1 | 10,8 | 19 | 22,7 | 30,1 | 45,4 | 60,2 | |
| Thermal capacity | kW | 7,5 | 10 | 17,5 | 21 | 27,5 | 41 | 55 | |
| Ø Nozzle | G20 | mm | 2,1 | 2,4 | 3,1 | 3,5 | 3,8 | 2 x 3,5 | 2 x 3,8 |
| | G30/G31 | mm | 1,4 | 1,6 | 2,1 | 2,3 | 2,6 | 2 x 2,3 | 2 x 2,6 |
| Net pressure | G20 | mbar | 20 | 20 | 20 | 20 | 20 | 20 | |
| | G30/G31 | mbar | 29/37 | 29/37 | 29/37 | 29/37 | 29/37 | 29/37 | |
| Nozzle pressure | G20 | mbar | 17 | 17 | 17 | 17 | 17 | 17 | |
| | G30 | mbar | 27,7 | 27,7 | 27,7 | 27,7 | 27,7 | 27,7 | |
| | G31 | mbar | 35,7 | 35,7 | 35,7 | 35,7 | 35,7 | 35,7 | |
| Consumption | G20 | m³/h | 0,77 | 1,03 | 1,81 | 2,17 | 2,87 | 4,33 | 5,74 |
| | G30 | kg/h | 0,59 | 0,78 | 1,37 | 1,65 | 2,18 | 3,28 | 4,36 |
| | G31 | kg/h | 0,58 | 0,77 | 1,35 | 1,62 | 2,14 | 3,23 | 4,28 |
| Radiant surface | cm² | 445 | 660 | 1125 | 1350 | 1780 | 2700 | 3560 | |
| Length (L) | mm | 580 | 755 | 1130 | 1320 | 1680 | 1320 | 1680 | |
| Height (H) | mm | 265 | 265 | 265 | 265 | 265 | 265 | 265 | |
| Depth (P) | mm | 378 | 378 | 378 | 378 | 378 | 615 | 615 | |
| Weight | kg | 7 | 8,5 | 11,5 | 13 | 16 | 24 | 30 | |
| Electr. power supply | 230 Vac – 50/60 Hz | | | | | | | | |
| Minimum installation height at 0° | m | 3,7 | 4,1 | 4,9 | 5,2 | 5,6 | 6,4 | 7 | |
| Minimum installation height at 45° | m | 3,4 | 3,7 | 4,4 | 4,6 | 5 | 5,7 | 6,2 | |

SCR-ECO ceramic heater is a radiant heating system that can be powered by natural gas or L.P.G.

It has been conceived for the zoning heating and it can offer a very easy and flexible installation.

The range of **SCR-ECO** includes models from 7,5 up to 55 kW.

SCR-CU: specific model realized to be installed in churches, this range includes models from 7,5 up to 21 kW.





Functions of SCR-A combined with INET control panel



INET control panel for the manage up to 16 heaters:

- 1 thermal zoneCode 94CECR2695
- 2 thermal zonesCode 94CECR2696
- 3 thermal zonesCode 94CECR2697
- 4 thermal zonesCode 94CECR2698

- ❖ **Automatic function** according to the program settings and timer, for all the models. Thermal power modulation according to the program settings.
- ❖ **2 working temperatures,**
- ❖ **Daily/weekly settings, timer, hour-counter** and holiday function
- ❖ **Automatic modulation of the thermal power** according to the internal temperature
- ❖ **Summer ventilation**
- ❖ **Antifreeze function**

Functions of SCR-M and SCR-ECO combined with CE control panels

CE control panel with digital thermostat, environment temperature probe suitable to be managed by remote control panel, ON/OFF operation

Standard version
with digital temperature control



- 1 thermal zone Code 00CEQU1196/A
- 2 thermal zones Code 00CEQU1198/A
- 3/4 thermal zones Code 00CEQU1200/A

Chrono-thermostat version
with daily/weekly settings, timer



- 1 thermal zone Code 00CEQU1197/A
- 2 thermal zones Code 00CEQU1199/A
- 3/4 thermal zones Code 00CEQU1201/A

SLIM control panel
for SCR-M or SCR-ECO, 1 thermal zone with Chrono-thermostat and digital temp. control



- 1 ceramic heater. COD. 00CEQU2667
- 2 ceramic heaters. COD. 00CEQU2668
- 3 ceramic heaters. COD. 00CEQU2669

Potentiometer for manual modulation
(standard) for SCR-M Code 94CNPO009

