



Burners for gas two stages progressive (hi-low flame) or modulating (PID fully modulating) with the addition of the optional system modulation kit plus feeder. Fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability.

Disposition rationalized of the components with accessibility facilitated for the operations of setting and maintenance.

Gas train complete of working valve with flow adjustment, safety valve, gas pressure switch, filter stabiliser of gas pressure, completely assembled, electrically linked and tested.

TECHNICAL DATA

| MODEL | GAS P650/M CE | |
|---|--|----------------|
| Thermal power min. 1° st./min. 2° st.-max 2° st. * | Mcal/h | 1000/3000-6500 |
| | kW | 1162/3488-7558 |
| Flow-rate G20 (NATURAL GAS) min. 1° st./min 2° st.-max 2° st. * | Nm ³ /h | 117/351-760 |
| Flow-rate G31 (LPG) min. 1° st./min 2° st.-max 2° st. * | Nm ³ /h | 45/136-294 |
| Fuel | NATURAL GAS (second family) - LPG (third family) | |
| Combustible category | 2R 2H 2L 2E 2E+ 2E+ 2ELL 2E(R)B 3B/P 3+ 3P 3B 3R | |
| Intermittent operation (min. 1 stop every 24 hours) at two stages progressive or modulating | | |
| Allowed environment conditions on running/stock | -15..+40°C/-20...+70°C, relative umidity max 80% | |
| Maximum inlet pressure to the valves | °C | 60 |
| Min. pressure gas train DN65 NATURAL GAS/LPG** | mbar | 394/189 |
| Min. pressure gas train DN80 NATURAL GAS/LPG** | mbar | 233/121 |
| Min. pressure gas train DN100 NATURAL GAS/LPG** | mbar | 118/76 |
| Max pressure on the valve's inlet | mbar | 500 |
| Nominal electric power | kW | 24 |
| Fan motor | kW | 22 |
| Power absorbed | A | 42 |
| Auxiliary power absorbed | A | 0.5 |
| Power supply | 3 ~400V,1/N ~230V-50Hz | |
| Degree of electric protection | IP44 | |
| Noisiness***min-max | dBA | 88-92 |
| Weight | kg | 315 |

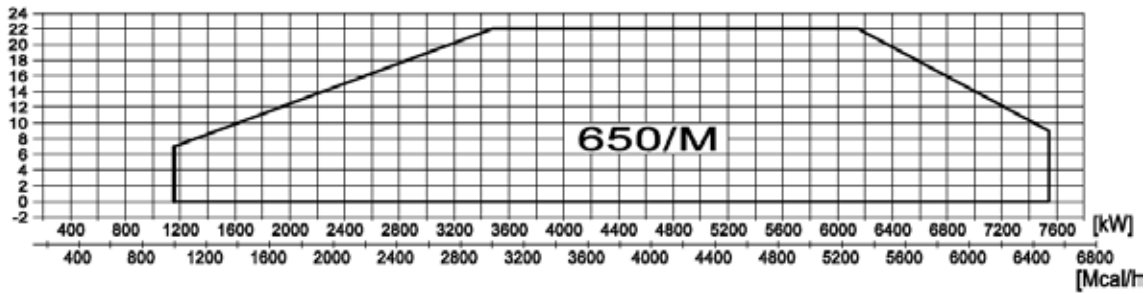
* Reference conditions: Room temperature 20°C - Atmospheric pressure 1013 mbars - Altitude 0m (sea level)

** Least pressure of feeding of the gas to the train to get the maximum power of the burner considering against pressure in chamber of value combustion 0 (zero)

*** Measured sonorous pressure in the laboratory combustion, with functional burner on beta boiler to 1 m of distance (UNI EN ISO 3746 law)

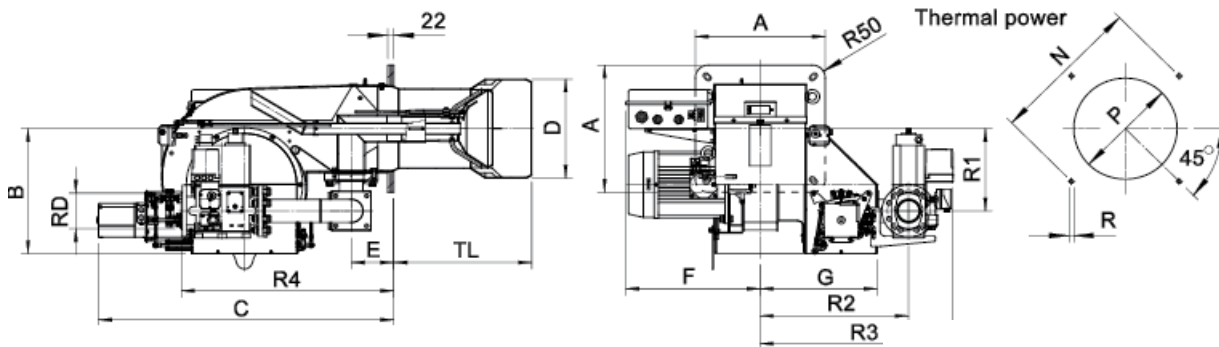
FIRING RATES: Thermal power - Pressure in combustion chamber

Pression in the combustion chamber [mbar]



Thermal power

DIMENSIONS (mm)



* Suggested dimension of connection between burner and generator

| MODEL | A | B | C | ØD | E | F | G | TL | N | | | P | | | R | R1 | R2 | R3 | R4 | RD | Gas train weight |
|------------------------|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|------------------|
| | | | | | | | | | min | * | max | min | * | max | | | | | | | |
| GAS P 550/M CE - DN65 | 490 | 481 | 1118 | 420 | 160 | 705 | 440 | 490 | 552 | 552 | 580 | 430 | 440 | 450 | M14 | 317 | 560 | 714 | 780 | DN65 | 37 kg |
| GAS P 550/M CE - DN80 | 490 | 481 | 1118 | 420 | 160 | 705 | 440 | 490 | 552 | 552 | 580 | 430 | 440 | 450 | M14 | 317 | 560 | 727 | 800 | DN80 | 47 kg |
| GAS P 550/M CE - DN100 | 490 | 481 | 1118 | 420 | 160 | 705 | 440 | 490 | 552 | 552 | 580 | 430 | 440 | 450 | M14 | 317 | 590 | 765 | 840 | DN100 | 57 kg |