



BURNERS FOR GAS AT SINGLE STAGE



Burners for gas, single stage, aluminium frame, fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability. Available in the versions Methane (natural gas) or G.P.L. (to specify at the order) on demand specific versions for town gas, coal gas or biogas.

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

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

TECHNICAL DATA

| MODEL | | GAS XP60CE |
|--|--------------------|----------------------|
| Thermal power min-max 2° st. * | Mcal/h | 200-450 |
| | kW | 232-522 |
| Flow-rate G20 (NATURAL GAS) min-max * | Nm ³ /h | 23,4-52,6 |
| Flow-rate G31 (G.P.L.) min-max * | Nm ³ /h | 9-20,3 |
| Fuel: NATURAL GAS (second family) - LPG (third family) | | |
| Combustible category | | |
| Intermittent operation (min. 1 stop every 24 hours) at one stage | | |
| Allowed environment conditions on running/stock | | |
| Maximum inlet pressure to the valves | °C | 60 |
| Min. pressure train D1" FS32 NATURAL GAS/LPG ** | mbar | 47/30 |
| Min. pressure train D1" 1/2 FS40 NATURAL GAS/LPG ** | mbar | 15/18 |
| Min. pressure train D1" 1/2 FS50 NATURAL GAS/LPG ** | mbar | 12/16 |
| Max pressure on the valve's inlet | mbar | 200 |
| Nominal electric power | W | 935 |
| Fan motor | W | 740 |
| Power absorbed | A | 2 |
| Auxiliary power absorbed | A | 0,5 |
| Power supply | | 3~400V,1/N~230V-50Hz |
| Degree of electric protection | | IP44 |
| Noisiness *** min-max | dBA | 73-76 |
| Weight **** | kg | 31 |

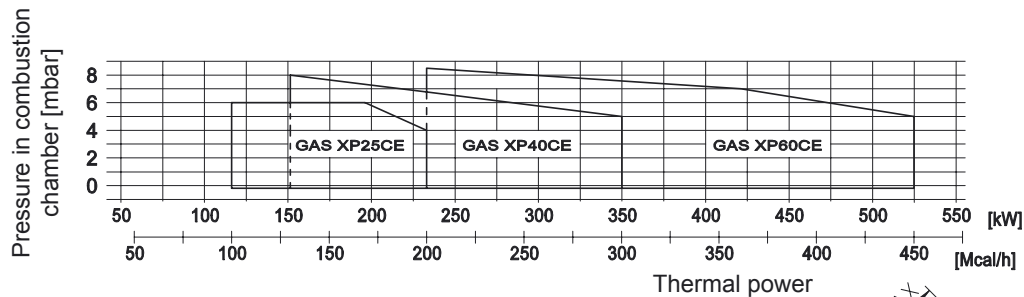
* Reference conditions: Room temperature 20°C - Atmospheric pressure 1013 mbars - Altitude 0 (sea level).

** 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)

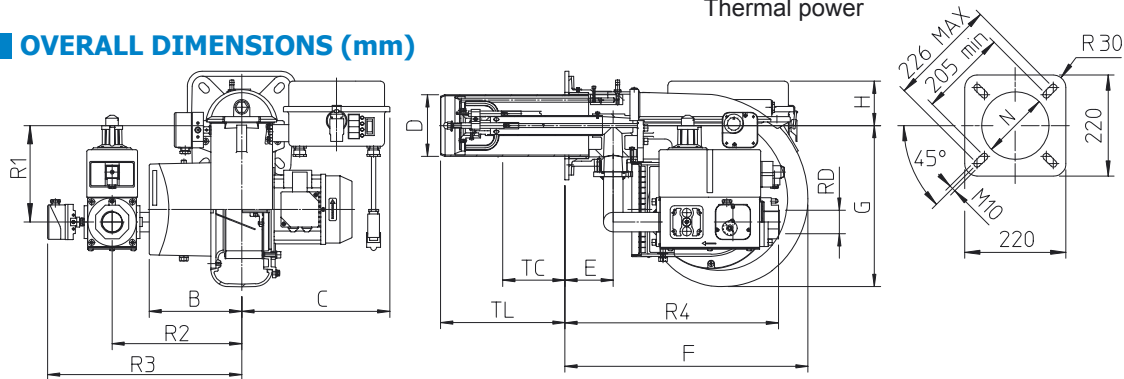
*** Measured sonorous pressure in the laboratory combustion, with functional burner on beta boiler to 1 m of distance. (UNI EN ISO 3746)

**** For burner version TL ad kg 1 to the weight.

OPERATING RANGE: Thermal power - Pressure in combustion chamber



OVERALL DIMENSIONS (mm)



| MODEL | B | C | D | E | F | G | H | N | TC | TL | R1 | R2 | R3 | R4 | RD | Train weight |
|------------------------|-----|-----|-----|----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|----------|--------------|
| GAS XP60CE-D1"-FS32 | 188 | 301 | 150 | 98 | 793 | 327 | 90 | 160 | 250 | 335 | 171 | 280 | 378 | 354 | Rp 1 | 10 kg |
| GAS XP60CE-D1"1/2-FS40 | 188 | 301 | 150 | 98 | 793 | 327 | 90 | 160 | 250 | 335 | 203 | 280 | 420 | 356 | Rp 1 1/2 | 15 kg |
| GAS XP60CE-D1"1/2-FS50 | 188 | 301 | 150 | 98 | 793 | 327 | 90 | 160 | 250 | 335 | 203 | 280 | 420 | 356 | Rp 1 1/2 | 17 kg |