



Burners for gas, double stage, 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 double stage with flow adjustment, safety valve, gas pressure switch, filter stabiliser of gas pressure, completely assembled, electrically linked and tested.

TECHNICAL DATA

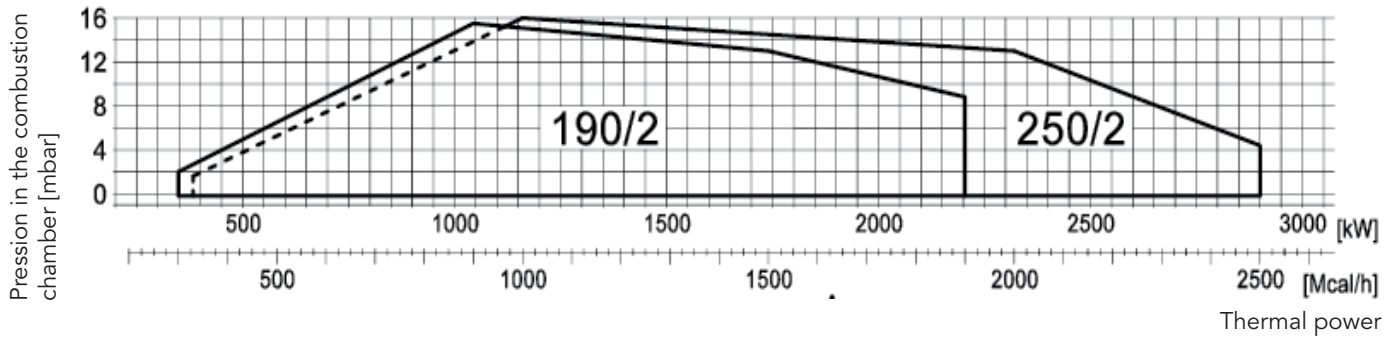
MODEL		GAS P190/2 CE	GAS P250/2 CE
Thermal power min-max*	Mcal/h	300/900-1900	330/1000-2500
	kW	348/1044-2204	383/1160-2900
Flow-rate G20 (NATURAL GAS) min-max*	Nm ³ /h	35/105-222	39/117-292
Flow-rate G31 (LPG) min-max*	Nm ³ /h	14/41-86	15/45-113
Fuel	NATURAL GAS (second family) - LPG (third family)		
Combustible category	2R 2H 2L 2E+ 2Er 2ELL 2E(R)B 38/P 3+ 3P 38 3R		
Intermittent operation (min. 1 stop every 24 hours) at 2 stages			
Allowed environment conditions on running/stock	-15..+40°C/-20...+70°C, rel. humidity max 80%		
Maximum inlet pressure to the valves	°C	60	60
Min. pressure gas train D2"FS50 NATURAL GAS/LPG**	mbar	100/42	184/80
Min. pressure gas train DN65-F565 NATURAL GAS/LPG**	mbar	45/23	81/45
Min. pressure gas train DN80-F580 NATURAL GAS/LPG**	mbar	33/18	60/36
Min. pressure gas train DN100-F100-S100 NATURAL GAS/	mbar	21/15	36/26
Max pressure on the valve's inlet	mbar	200	200
Nominal electric power	kW	5.5	8
Fan motor	kW	5.5	7.5
Power absorbed	A	10.5	16.5
Auxiliary power absorbed	A	0.4	0.4
Power supply	3 ~400V,1/N ~230V-50Hz		
Degree of electric protection		IP40	IP40
Noisiness***min-max	dBa	79-82	81-85
Weight****	kg	116	119

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

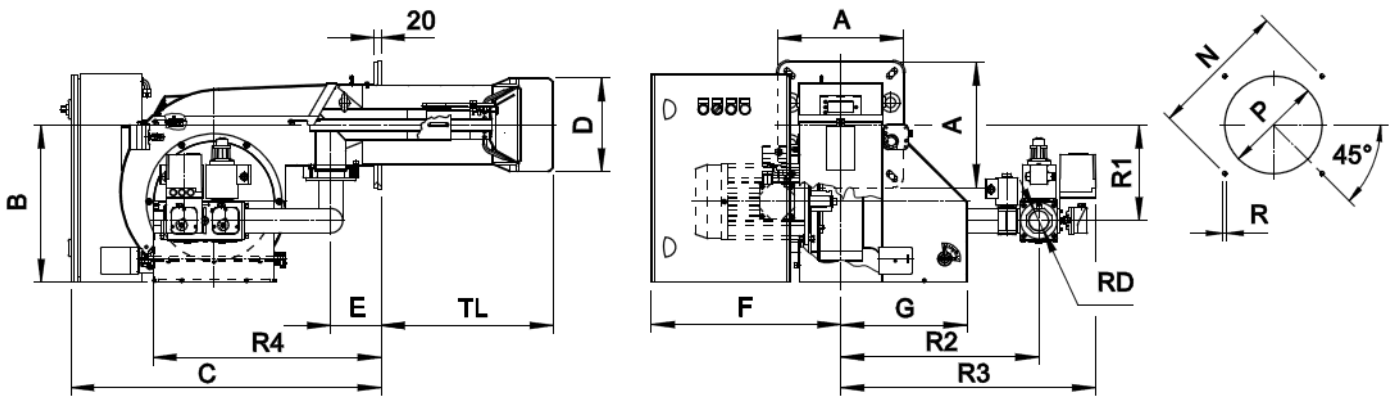
** Least pressure of feeding of the gas to the train to get the maximum power of the burner considering against pressure in chamber of value combustion 0 (zero)

*** 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



DIMENSIONS (mm)



* Suggested dimension of connection between burner and generator

MODEL	A	B	C	D	E	F	G	TL	N _{min}	N*	N _{max}	P _{min}	P*	P _{max}	R	R1	R2	R3	R4	RD	Gas train weight
GAS P 190/2 CE - D2" - FS50	360	453	895	265	145	545	363	495	396	424	438	280	280	320	M14	275	570	734	656	2"	29 kg
GAS P 190/2 CE - DN65 - FS65	360	453	895	265	145	545	363	495	396	424	438	280	280	320	M14	275	570	724	688	DN65	44 kg
GAS P 190/2 CE - DN80 - FS80	360	453	895	265	145	545	363	495	396	424	438	280	280	320	M14	275	570	736	708	DN 80	54 kg
GAS P 190/2 CE - DN100 - FS100	360	453	895	265	145	545	363	495	396	424	438	280	280	320	M14	275	570	745	748	DN100	64 kg
GAS P 250/2 CE - D2" - FS50	360	453	895	270	145	545	363	495	396	424	438	280	280	320	M14	275	570	734	656	2"	29 kg
GAS P 250/2 CE - DN65 - FS65	360	453	895	270	145	545	363	495	396	424	438	280	280	320	M14	275	570	724	688	DN65	44 kg
GAS P 250/2 CE - DN80 - FS80	360	453	895	270	145	545	363	495	396	424	438	280	280	320	M14	275	570	736	708	DN80	54 kg
GAS P 250/2 CE - DN100 - FS100	360	453	895	270	145	545	363	495	396	424	438	280	280	320	M14	275	570	745	748	DN100	64 kg