

### ELECTRONIC MODULATION



Burners for gas two stages progressive (hi-low flame) or modulating (PID fully modulating) equipped with electronic camme (Lamtec Etamatic). Fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability. Equipped with ignition pilot flame.

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.

Optional accessories Inverter, O<sub>2</sub> control, CO control, Profibus.

Available also the version with mechanical camme.

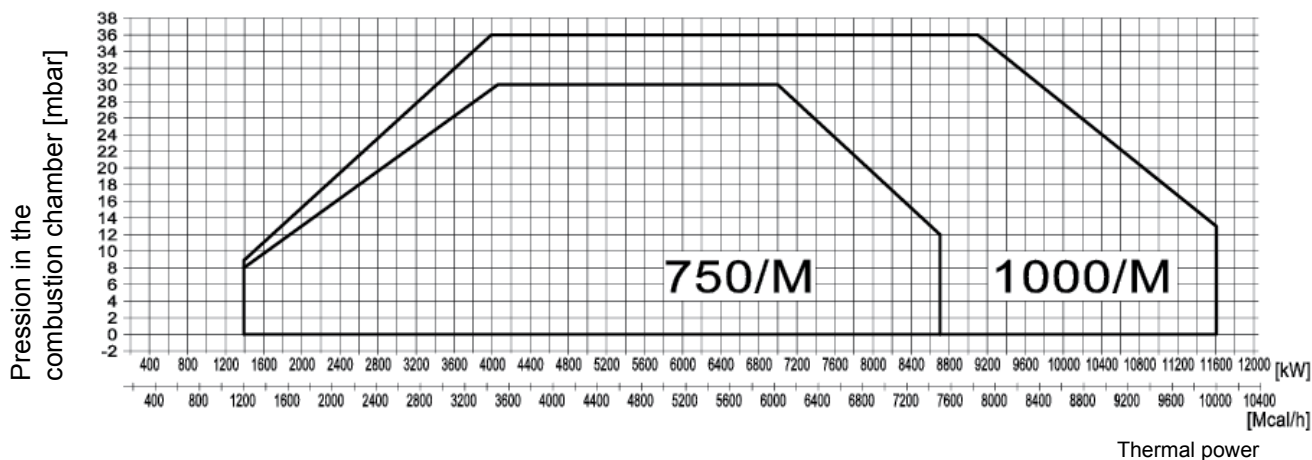
### TECHNICAL DATA

MODEL		GAS P750/M CE EL	GAS P1000/M CE EL
Thermal power min. 1° st./min. 2° st.-max 2° st. *	Mcal/h	1200/3500-7500	1200/3400-10000
	kW	1395/4070-8721	1395/3953-11628
Flow-rate G20 (NATURAL GAS) min. 1° st./min 2° st.-max 2° st.*	Nm <sup>3</sup> /h	140/409-877	140/398-1170
Flow-rate G31 (LPG) min. 1° st./min 2° st.-max 2° st. *	Nm <sup>3</sup> /h	54/158-338	54/153-450
Fuel	NATURAL GAS (second family) - LPG (third family)		
Combustible category	2R' 2H' 2L' 2E' 2E+' 2Er' 2ELL' 2E(R)B 38/P' 3+' 3P' 38' 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	60
Min. pressure gas train DN65 NATURAL GAS/LPG**	mbar	280/107	-/-
Min. pressure gas train DN80 NATURAL GAS/LPG**	mbar	164/63	292/112
Min. pressure gas train DN100 NATURAL GAS/LPG**	mbar	103/40	184/71
Min. pressure gas train DN125 NATURAL GAS/LPG**	mbar	81/31	145/56
Max pressure on the valve's inlet	mbar	500	500
Nominal electric power	kW	24	32
Fan motor	kW	22	30
Power absorbed	A	42	56
Auxiliary power absorbed	A	0.4	0.4
Power supply	3 ~400V,1/N ~230V-50Hz		
Degree of electric protection		IP54	IP54
Weight burner	kg	650	680

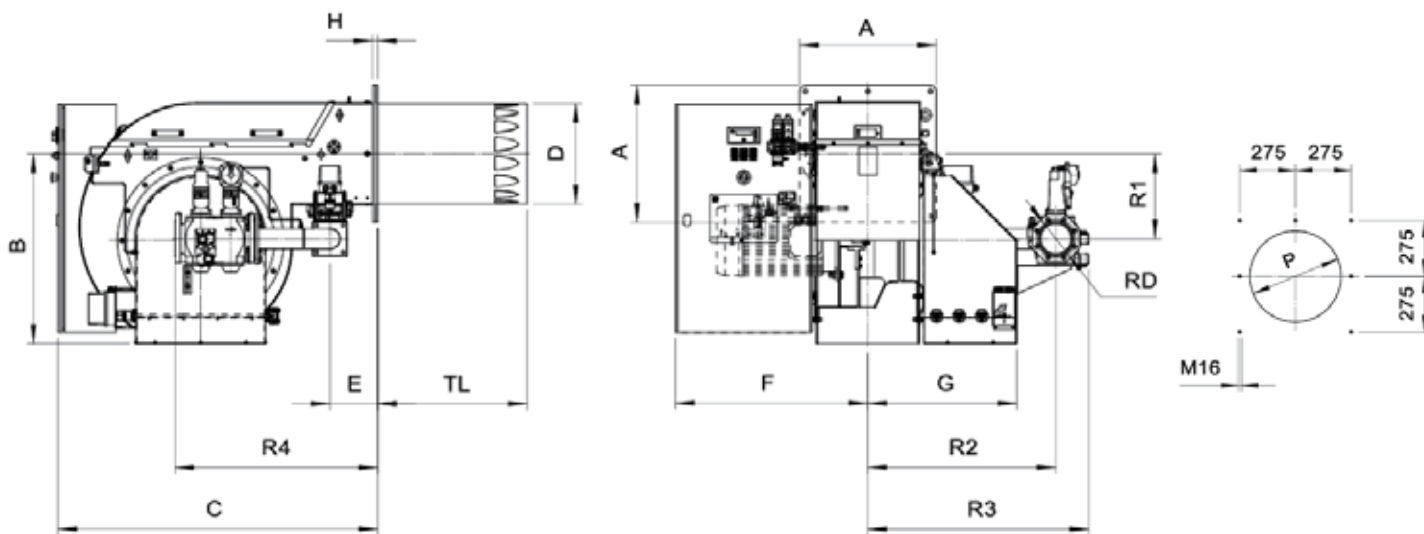
\* Reference conditions: Room temperature 20°C - Atmospheric pressure 1013 mbars - Altitude 0n (sea level)

\*\* 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)

### FIRING RATES: Thermal power - Pressure in combustion chamber



### DIMENSIONS (mm)



\* Thickness of the mounting plate and gasket

MODEL	A	B	C	ØD	E	F	G	H *	TL	P min	P max	R1	R2	R3	R4	RD	Gas train weight
GAS P 750/M CE - DN65	600	832	1403	440	210	845	654	22	655	450	480	373	794	957	830	DN65	22 kg
GAS P 750/M CE - DN80	600	832	1403	440	210	845	654	22	655	450	480	373	794	957	850	DN80	24 kg
GAS P 750/M CE - DN100	600	832	1403	440	210	845	654	22	655	450	480	373	825	968	890	DN100	27 kg
GAS P 750/M CE - DN125	600	832	1403	440	210	845	654	22	655	450	480	373	825	982	940	DN125	32 kg
GAS P 1000/M CE - DN80	600	832	1403	440	210	845	654	22	655	450	480	373	794	957	850	DN80	24 kg
GAS P 1000/M CE - DN100	600	832	1403	440	210	845	654	22	655	450	480	373	825	968	890	DN100	27 kg
GAS P 1000/M CE - DN125	600	832	1403	440	210	845	654	22	655	450	480	373	825	982	940	DN125	32 kg

Le illustrazioni e i dati riportati sono indicativi. F.B.R. Bruciatori S.r.l. si riserva il diritto di apportare, senza obbligo di preavviso, tutte le modifiche opportune, per l'evoluzione dei propri prodotti.  
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