



### MECHANICAL MODULATION

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. 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.

Available also the version with the electronic camme (Lamtec Etamatic) also with optional accessories Inverter, O<sub>2</sub> control, CO control, Profibus.



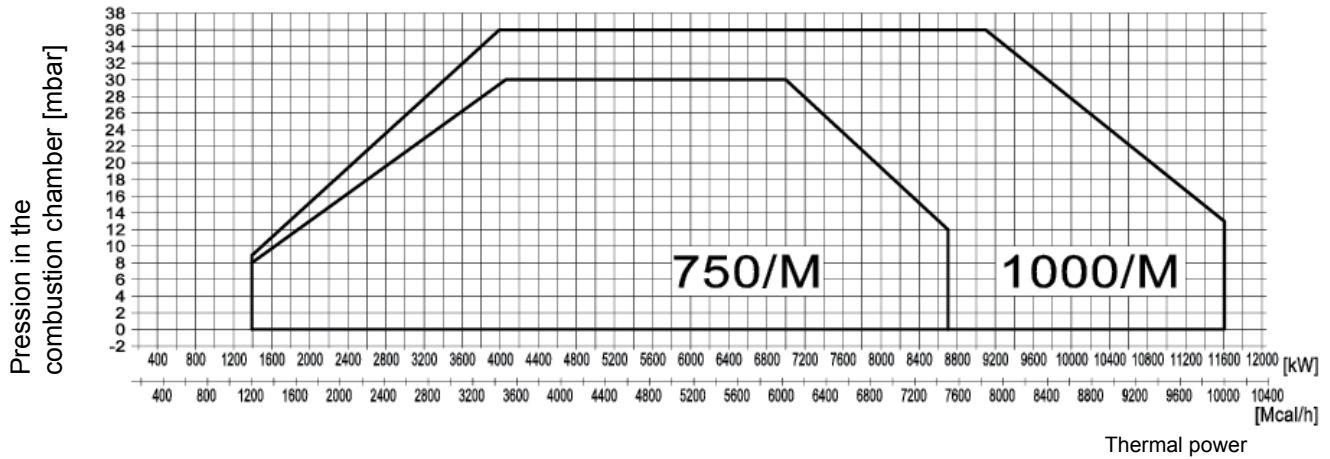
### TECHNICAL DATA

MODEL		GAS P750/M CE MEC	GAS P1000/M CE MEC
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+ 2E+ 2ELL 2E(R)B 38/P 3+ 3P 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	540	570

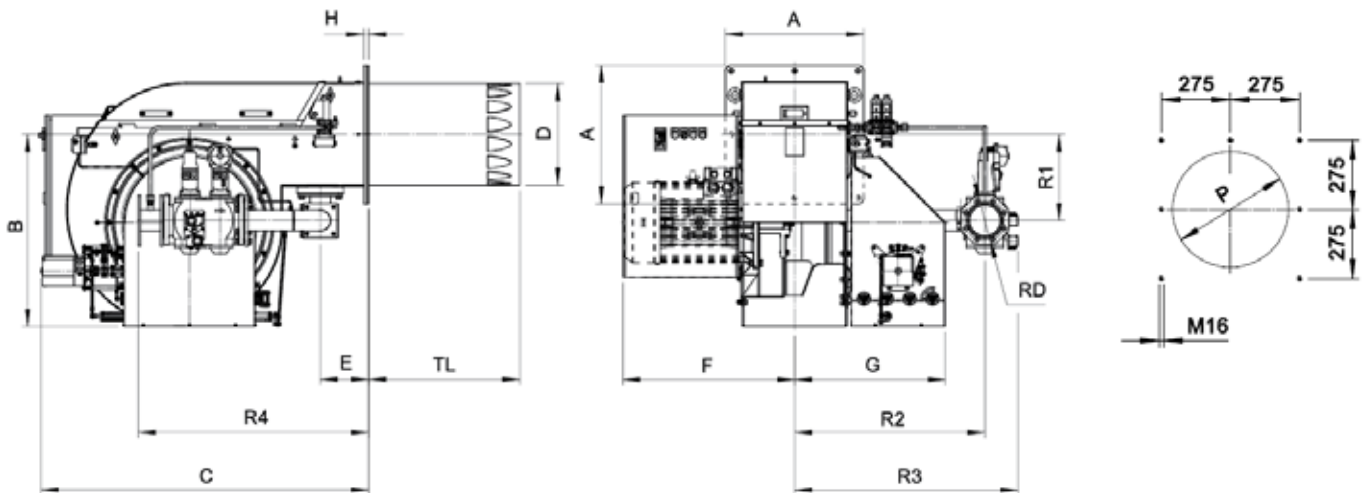
\* Reference conditions: Room temperature 20°C - Atmospheric pressure 1013 mbars - Altitude 0m (sea level)

\*\* 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)

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



### DIMENSIONS (mm)



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	1420	440	210	745	653	22	655	450	480	373	794	957	940	DN65	22 kg
GAS P 750/M CE - DN80	600	832	1420	440	210	745	653	22	655	450	480	373	794	957	960	DN80	24 kg
GAS P 750/M CE - DN100	600	832	1420	440	210	745	653	22	655	450	480	373	825	968	1000	DN100	27 kg
GAS P 750/M CE - DN125	600	832	1420	440	210	745	653	22	655	450	480	373	825	982	1050	DN125	32 kg
GAS P 1000/M CE - DN80	600	832	1420	440	210	745	653	22	655	450	480	373	794	957	960	DN80	24 kg
GAS P 1000/M CE - DN100	600	832	1420	440	210	745	653	22	655	450	480	373	825	968	1000	DN100	27 kg
GAS P 1000/M CE - DN125	600	832	1420	440	210	745	653	22	655	450	480	373	825	982	1050	DN125	32 kg

\* Thickness of the mounting plate and gasket