



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 X2/MCE	GAS X3/MCE	GAS X4/MCE
Thermal power min.1°st./min 2° st.-max 2° st. *	Mcal/h	15/35-80	30/60-150	40/100-200
	kW	17/41-93	35/70-174	46/116-232
Flow-rate G20 (NATURAL GAS) min.1°st./min 2° st.-max 2° st. *	Nm³/h	1.7/4.1-9.4	3.5/7-17.4	4.6/11.6-23.2
Flow-rate G31 (G.P.L.) min.1°st./min 2° st.-max 2° st. *	Nm³/h	0.7/1.6-3.6	1.3/2.7-6.5	1.8/4.5-9
Fuel		NATURAL GAS (second family) - LPG (third family)		
Combustible category		I <sub>2R</sub> I <sub>2H</sub> I <sub>2L</sub> I <sub>2E</sub> I <sub>2E+</sub> I <sub>2E+</sub> I <sub>2ELL</sub> I <sub>2E(R)B</sub> I <sub>3B/P</sub> I <sub>3+</sub> I <sub>3P</sub> I <sub>3B</sub> I <sub>3R</sub>		
Intermittent operation (min. 1 stop every 24 hours) at two stages progressive or modulating				
Environmental conditions operation/storage		-15...+40°C / -20...+70°C, relative umidity max 80%		
Maximum inlet pressure to the valves	°C	60	60	60
Min. pressure train gas D3/4"-S NATURAL GAS/ LPG**	mbar	18/24	-	-
Min. pressure train gas D1"-S NATURAL GAS/ LPG**	mbar	-	14/31	14/21
Max pressure on the valve's inlet	mbar	360	360	360
Fan motor power	W	75	110	200
Nominal electric power	W	130	200	226
Power absorbed	A	0.6	0.9	1.1
Power supply		1/N~230V-50Hz		
Degree of electric protection		IP40		
Noisiness *** min-max	dBa	61-62	66-71	66/71
Burner Weight ****	kg	11	15	17

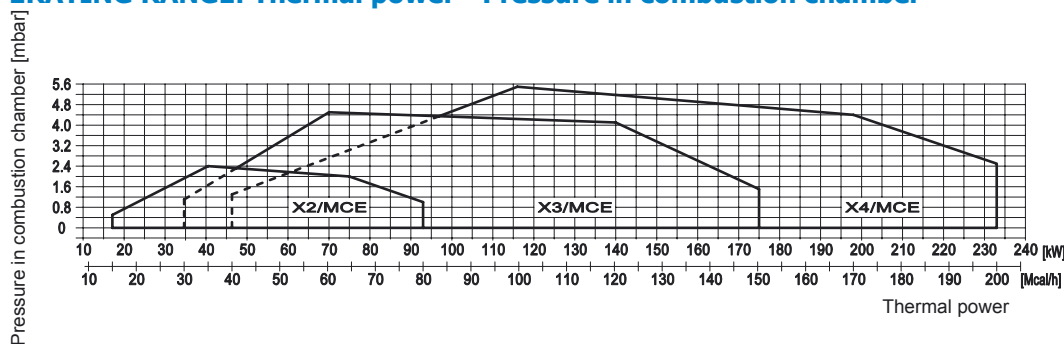
\* Reference conditions: Room temperature 20°C - Atmospheric pressure 1013 mbars - Altitude 0 (sea level).

\*\* 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)

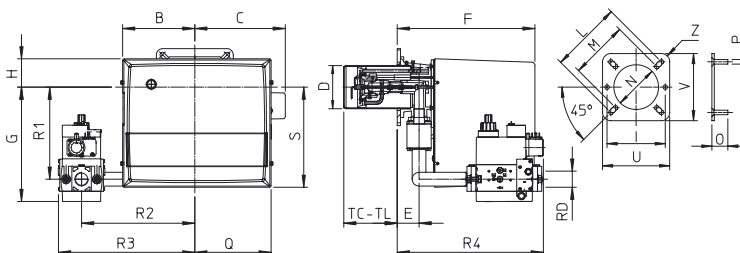
\*\*\* Measured sonorous pressure in the laboratory combustion, with functional burner on beta boiler to 1 m of distance. (UNI EN ISO 3746)

\*\*\*\* 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	I	L	M	N	O	P	Q	S	U	V	Z	TC	TL	R1	R2	R3	R4	RD	Train weight
GAS X2/MCE-D3/4"-S	157	200	90	45	305	215	65	130	160	130	100	30	M8	170	211	150	150	R15	89	149	178	220	262	328	Rp 3/4	2 Kg
GAS X3/MCE-D1"-S	185	224	108	54	340	282	70	160	170	150	120	30	M8	190	248	190	190	R15	130	250	228	280	338	360	Rp 1	6 Kg
GAS X4/MCE-D1"-S	185	224	125	78	368	288	70	-	226	170	135	40	M10	190	248	220	220	R30	160	280	233	280	338	385	Rp 1	6 Kg