

Burners for gas, single stage, aluminium frame, combustion head with adjustment at high efficiency and high flame stability with predisposition for combustion air in-take. 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. Compact overall dimensions and 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. Complete of connector 7 poles, flange and gasket for installation on boiler.

TECHNICAL DATA

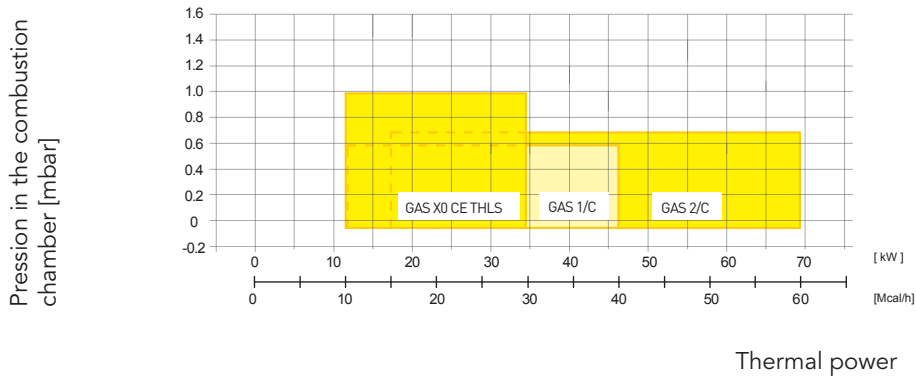
MODEL	GAS X0 THLS	
Thermal power min-max*	Mcal/h	10-29.5
	kW	11.5-34
Flow-rate G20 (NATURAL GAS) min-max*	Nm ³ /h	1.2-3.4
Flow-rate G31 (LPG) min-max*	Nm ³ /h	0.5-1.3
Fuel	NATURAL GAS (second family) - LPG (third family)	
Combustible category	2R 2H 2L 2E 2E+ 2Er 2ELL 2E(R)B 38/P 3+ 3P 38 3R	
Intermittent operation (min. 1 stop every 24 hours) at 1 stage		
Allowed environment conditions on running/stock	-15...+40°C/-20...+70°C, rel. humidity max 80%	
Maximum inlet pressure to the valves	°C	60
Min. pressure gas train D1/2"-S NATURAL GAS/LPG**	mbar	7/18
Max pressure on the valve's inlet	mbar	60
Nominal electric power	W	80
Fan motor	W	50
Power absorbed	A	0.5
Power supply	1/N~230V-50Hz	
Degree of electric protection	IP40	
Noisiness***min-max	dBA	57-58
Weight	kg	9

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

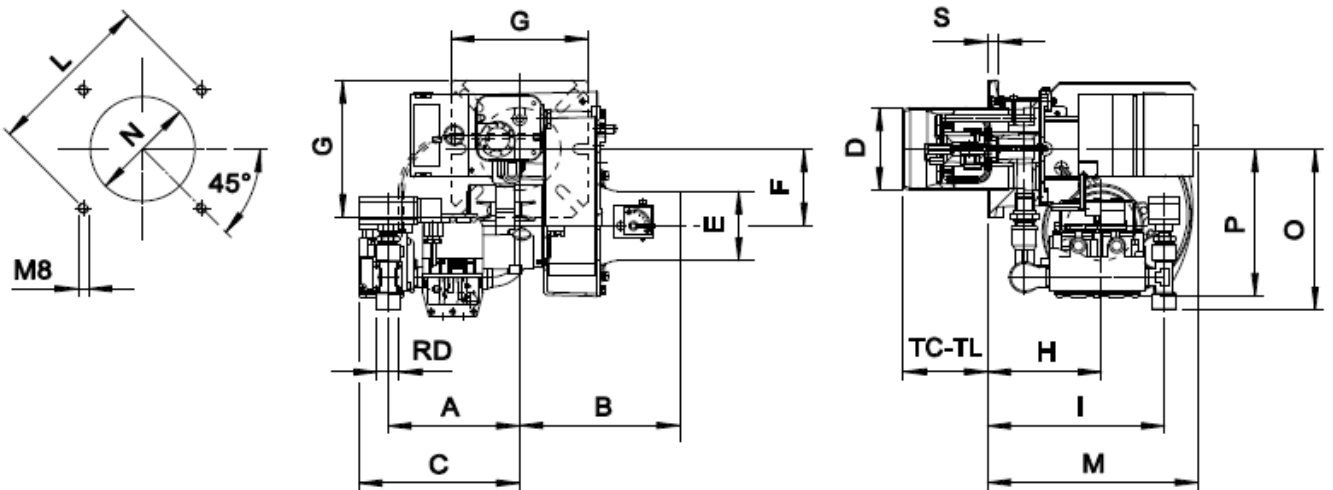
** Least pressure of feeding of the gas to the train to get the maximum power of the burner considering against pressure in chamber of value combustion 0 (zero)

*** 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)



MODEL	A	B	C	D	E	F	G	H	I	L min	L*	L max	M	N min	N*	N max	O	P	S	TC	TL	RD
GAS X0 CE THLS- D1/2"-S	144	169	179	90	80	84	150	125	193	130	150	170	230	100	110	130	176	161	15	92	152	1/2"

* Suggested dimension of connection between burner and generator