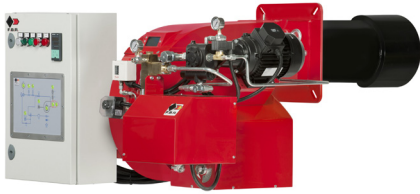




LIGHT OIL BURNER SERIE FGP

Progressive and modulating from 700 up to 2900 kW



Burners for diesel 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.

Complete of gasket for installation on boiler, industrial nozzle with return, flexible pipes, line filter.

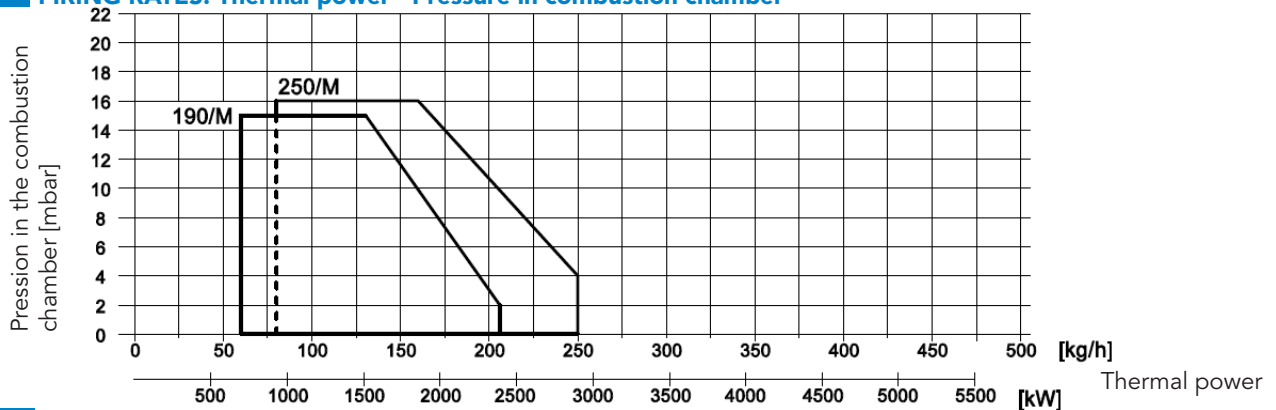
Available versions with mechanical or electronic camme.

TECHNICAL DATA

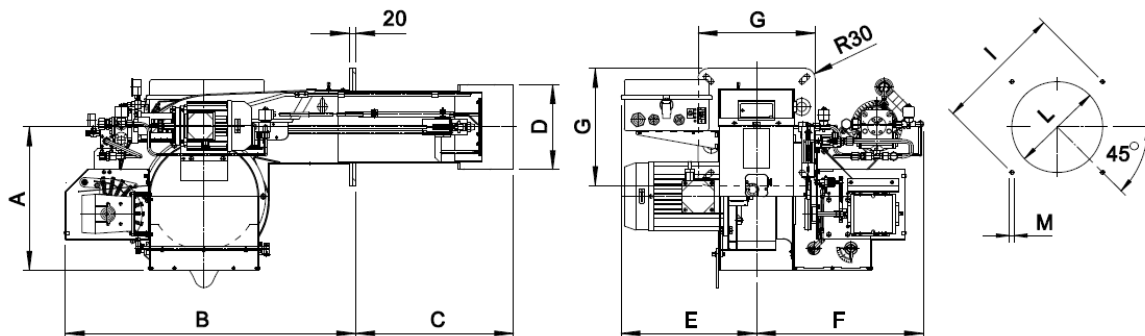
MODEL		FGP 190/M	FGP 250/M
Flow min-max*	kg/h	60-206	80-250
Thermal power min-max*	Mcal/h	600-2060	800-2500
	kW	700-2390	930-2900
Fuel	LIGHT OIL 1.5°E a 20°C = 6.2 cSt = 35 sec Redwood N°1		
Intermitted working operation (min. 1 stop every 24 hours) two stage sliding or modulating			
Environmental conditions operation/storage	-15...+40°C/-20...+70°C, rel. humidity max 80%		
Max temperature combustion air	°C	60	60
Nominal electric power	kW	6	9
Motor fan	kW	5.5	7.5
Motor pump	kW	1.1	1.1
Nominal absorption powers	A	11.5	15.5
Nominal absorption auxiliary	A	0.3	0.5
Power supply	3 ~ 400V-1/N ~230V-50Hz		
Degree of electric protection		IP44	IP44
Noisiness** min-max	dB(A)	83-85	84-85
Weight burner	kg	150	160

* Reference conditions: Environment temperature 20°C - Barometric pressure 1013 mbars - Altitude 0 mt (sea level)
** Measured sound pressure in the combustion lab, with functional burner on beta boiler in a distance of 1 m.

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	I			L			M
								min	*	max	min	*	max	
FGP 190/M	453	920	495	234	430	530	360	396	424	438	245	280	320	M14
FGP 250/M	453	920	500	271	430	530	360	396	424	438	280	280	320	M14

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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