



LIGHT OIL BURNER

SERIE FGP

2 stages from 237 up to 1740 kW



Burners for diesel two stages, fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability, hydraulic system of regulation combustive air on the two stages of flame.

Compact overall dimensions and disposition rationalized of the components with accessibility facilitated for the operations of setting and maintenance.

Complete of flange and gasket for installation on boiler, nozzles, flexible pipes, line filter.

TECHNICAL DATA

MODELLO		FGP 50/2	FGP 70/2	FGP 100/2	FGP 120/2	FGP 150/2
Flow min-max*	kg/h	10.5/20-50	18/35-70	20.5/40-100	29/60-120	38.5/75-150
Thermal power min-max*	Mcal/h	107/204-510	180/350-700	205/400-1000	290/600-1200	385/750-1500
Thermal power min-max*	kW	124/237-593	209/406-812	238/464-1160	336.5/696-1392	446.5/870-1740
Fuel	LIGHT OIL 1.5°E a 20°C = 6.2 cSt = 35 sec Redwood N°1					
Intermittent working operation (min. 1 stop every 24 hours) 2 stages						
Environmental conditions operation/storage	-15...+40°C/-20...+70°C, rel. humidity max 80%					
Max temperature combustion air	°C	60	60	60	60	60
Motor fan	kW	0.7	1.1	2.2	3	4
Nominal absorption	A	1.9	0.7	1	1.1	2.7
Power supply	3- 400V-1/N ~ 230V- 50Hz					
Degree of electric protection		IP44	IP44	IP40	IP44	IP44
Weight burner**	kg	31	49	63	82	86

* Reference conditions: Environment temperature 20°C - Barometric pressure 1013 mbars - Altitude 0 mt (sea level).

** For burner with long head add 3 kg weight

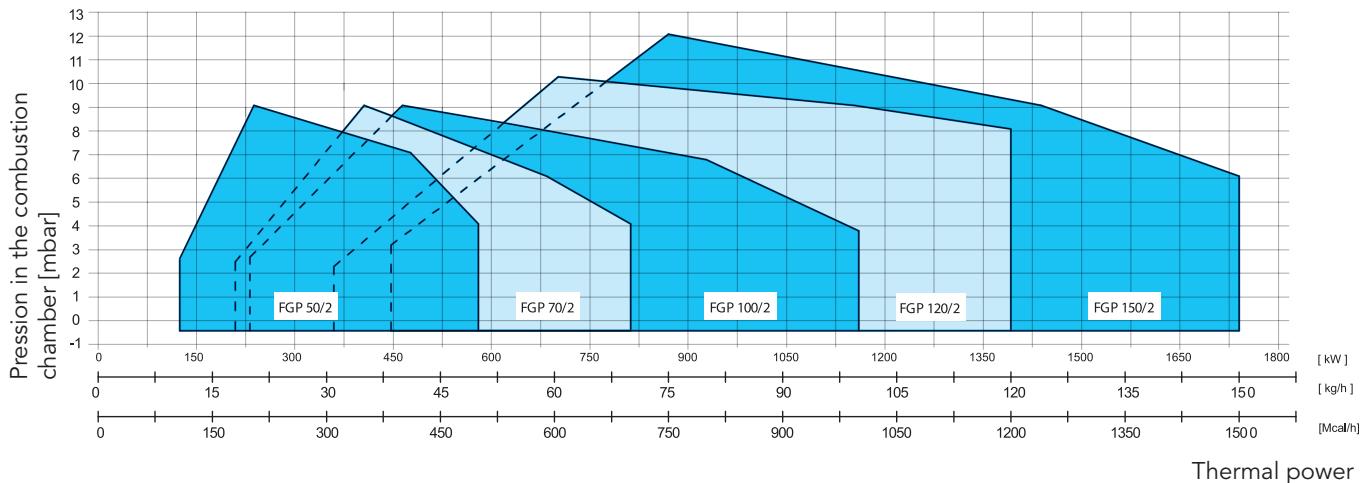


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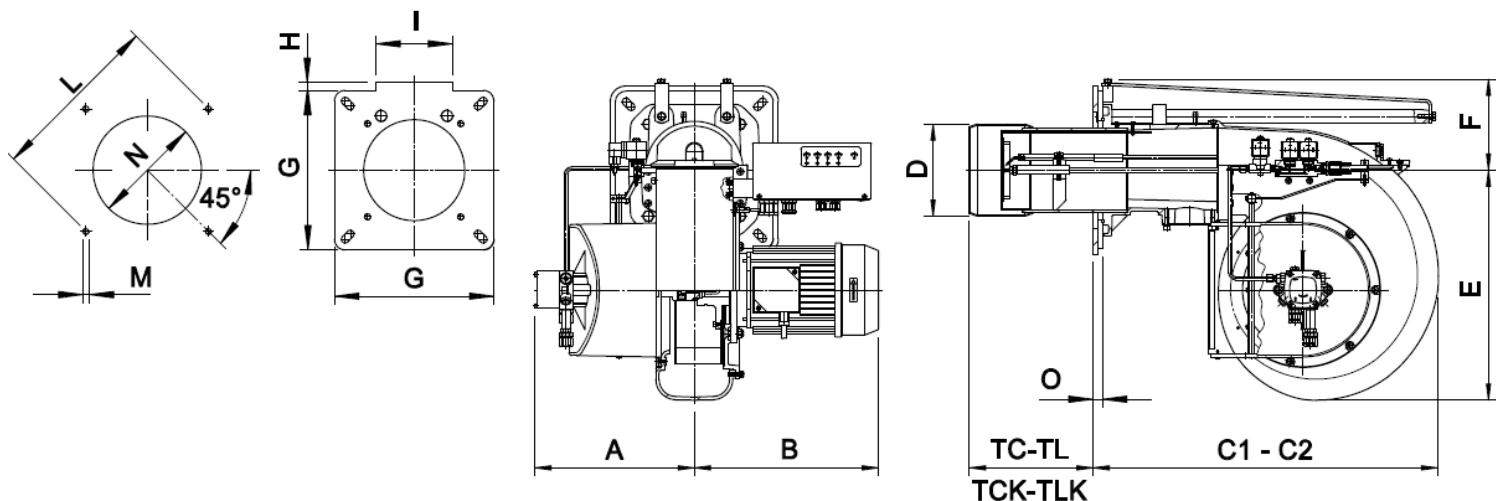
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FIRING RATES: Thermal power - Pressure in combustion chamber



DIMENSIONS (mm)



MODEL	A	B	C1	C2	D	E	F	G	H	I	L min	L max	M	N min *	N max	O	TC	TCK	TLK	TL
FGP 50/2	188	324	493	-	150	327	100	200	-	-	205	226	M10	160	180	18	250	-	-	335
FGP 70/2	250	310	660	1060	165	327	171	300	10	144	340	368	M12	180	250	18	-	250	-	335
FGP 100/2	300	350	670	1170	175	438	173	300	-	-	340	368	M12	190	250	18	-	235	370	-
FGP 120/2	350	380	820	1400	212	438	213	320	40	183	340	368	M14	230	250	23	200	-	-	400
FGP 150/2	350	380	820	1400	212	438	213	320	40	183	340	368	M14	230	250	23	200	-	-	400

* Recommended diameter of hole on the boiler
C2: overall dimension with the burner out in position of maintenance

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