



Burners for heavy oil at one flame (on-off) , fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability.

Available in two versions:

-FNL for fluid heavy oil up to 3,5°E at 50°C

-FNDL for dense heavy oil up to 20°E at 50°C

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 (for the models FNDL the line filter is electrically heated and equipped with a thermostat).

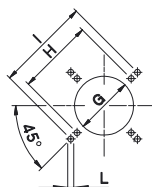
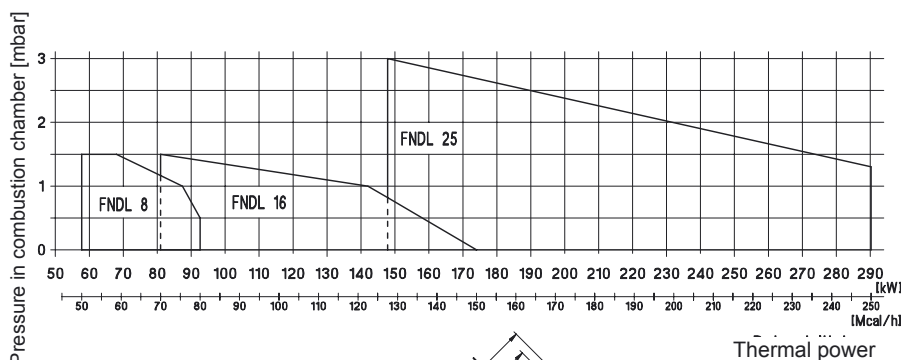
## TECHNICAL DATA

MODEL		FNDL 8	FNDL 16	FNDL 25
Delivery min-max*	Kg/h	5-8	7-16	12.5-25
Thermal power min-max*	Mcal/h	49-78.4	68.6-156.8	122.5-245
Thermal power min-max*	kW	57-91	80-182	142-284
Fuel		OIL Fuel MAX 20° E a 50°C		
Intermittent operation		(min. 1 stop every 24 hours) at one stage		
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	60
Nominal electric power	kW	1.7	2	4.8
Fan motor	kW	0.25	0.25	0.55
Resistances	kW	1.2	1.5	2.4
Power absorbed	A	8	10	18.2
Auxiliary power absorbed	A	0.14	0.14	0.2
Power supply		1/N~230V,1/N~230V-50Hz		3/N~400/230V,1/N~230V-50Hz
Degree of electric protection		IP 441/N~230V,1/N~230V-50Hz		
Noisiness** min-max	dBA	69	69	74
Weight	kg	35	36	41

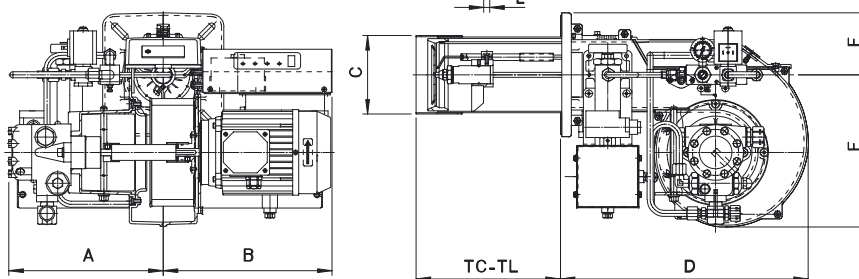
\* Reference conditions: Room temperature 20°C - Atmospheric pressure 1013 mbars - Altitude 0 (sea level).

\*\* Measured sonorous pressure in the laboratory combustion, with functional burner on beta boiler to 1 m of distance..

## OPERATING RANGE: Thermal power - Pressure in combustion chamber



## OVERALL DIMENSIONS (mm)



MODEL	A	B	C	D	E	F	G	H	I	L	TC	TL
FNDL 8	253	294	107	410	251	102	120	180	226	10	110	230
FNDL 16	253	294	107	410	251	102	120	180	226	10	110	230
FNDL 25	255	294	130	410	251	102	140	180	226	10	120	240