

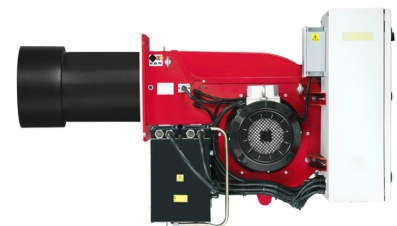
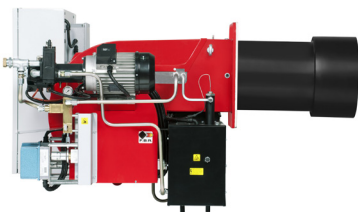


Burners for heavy oil two stages progressive or PID fully modulating with the addition of the optional system modulation kit plus feeder. Fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability complete of servomotor for the opening of the air shutters, suitable for heavy oil up to 20°E to 50°C and for BTZ heavy oil.

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 electrically heated and equipped with a thermostat.

Available versions with mechanical or electric camme.

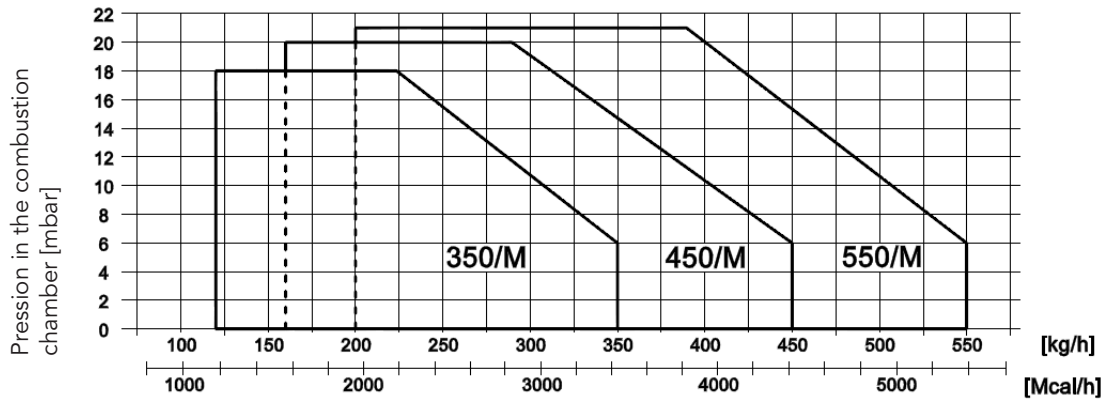


TECHNICAL DATA

MODEL		FNDP 350/M EL	FNDP 450/M EL	FNDP 550/M EL
Flow min-max*	kg/h	120-350	160-450	200-550
Thermal power min-max*	Mcal/h	1176-3430	1568-4410	1960-5390
Thermal power min-max*	kW	1364-3979	1819-5115	2274-6252
Fuel	HEAVY OIL 5-20°E a 50°C			
Intermittent working operation (min. 1 stop every 24 hours) 2 stages progressive and modulating				
Environmental conditions operation/storage	-15...+40°C/-20...+70°C, rel. humidity max 80%			
Max temperature combustion air	°C	60	60	60
Nominal electric power	kW	35.2	43.2	56.7
Motor fan	kW	9	11	18.5
Motor pump	kW	2.2	2.2	2.2
Resistances	kW	24	30	36
Power supply	3 ~ 400V-1/N ~230V-50Hz			
Degree of electric protection		IP44	IP44	IP44
Burner weight	kg	317	343	387

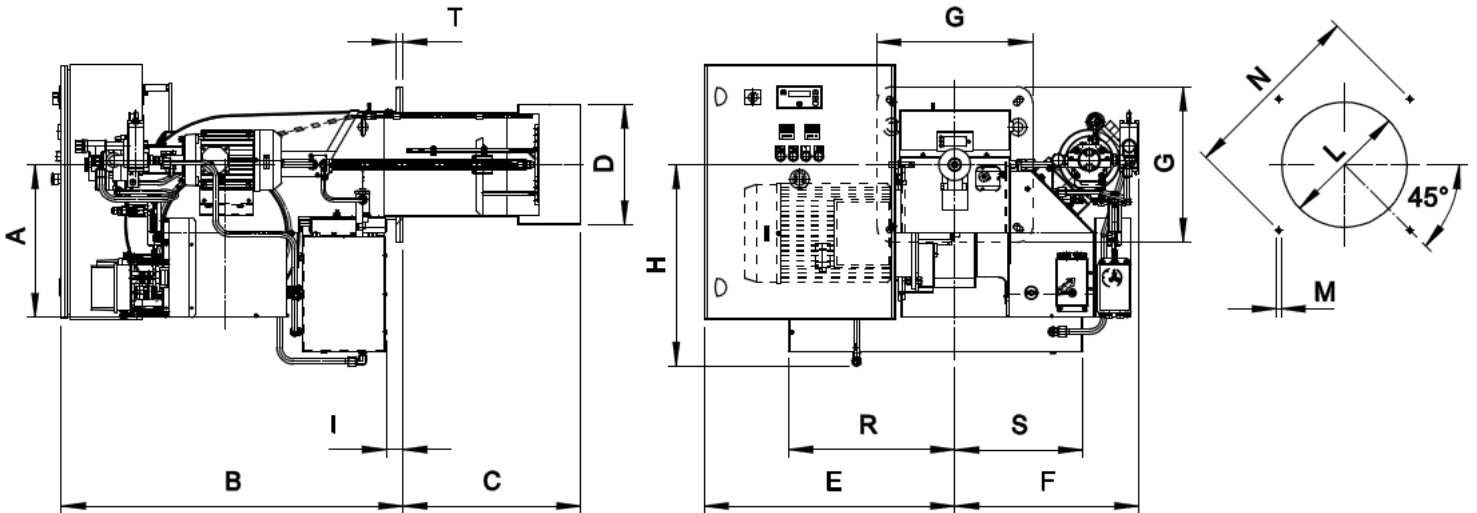
* Reference conditions: Environment temperature 20°C - Barometric pressure 1013 mbars - Altitude 0 mt (sea level)

FIRING RATES: Thermal power - Pressure in combustion chamber



Thermal power

DIMENSIONS (mm)



* Suggested dimension of connection between burner and generator

MODEL	A	B	C	D	E	F	G	H	I	L		M	N		R	S	T		
										min	max		min	max					
FNDP 350/M EL	481	1075	535	334	790	570	490	495	75	350	350	450	M14	552	552	580	400	400	22
FNDP 450/M EL	481	1075	560	380	790	580	490	635	57	390	390	450	M14	552	552	580	520	400	22
FNDP 550/M EL	481	1075	560	380	790	580	490	635	57	390	410	450	M14	552	552	580	520	400	22