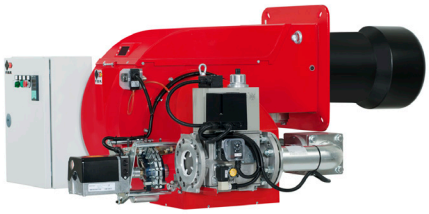
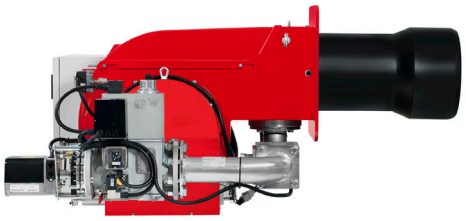
GAS BURNERS
PROGRESSIVE AND MODULANTING _ 7558 kW



Burners for gas 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.
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.



TECHNICAL DATA

MODEL		GAS P650/M CE
Thermal power min. 1° st./min. 2° st.-max 2° st. *	Mcal/h	1000/3000-6500
	kW	1162/3488-7558
Flow-rate G20 (NATURAL GAS) min. 1° st./min 2° st.-max 2° st.*	Nm ³/h	117/351-760
Flow-rate G31 (LPG) min. 1° st./min 2° st.-max 2° st. *	Nm ³/h	45/136-294
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 two stages progressive or modulating		
Allowed environment conditions on running/stock	-15..+40°C/-20...+70°C, relative umidity max 80%	
Maximum inlet pressure to the valves	°C	60
Min. pressure gas train DN65 NATURAL GAS/LPG**	mbar	394/189
Min. pressure gas train DN80 NATURAL GAS/LPG**	mbar	233/121
Min. pressure gas train DN100 NATURAL GAS/LPG**	mbar	118/76
Max pressure on the valve's inlet	mbar	500
Nominal electric power	kW	24
Fan motor	kW	22
Power absorbed	A	42
Auxiliary power absorbed	A	0.5
Power supply	3 ~400V,1/N ~230V-50Hz	
Degree of electric protection		IP44
Noisiness***min-max	dBA	88-92
Weight	kg	315

* Reference conditions: Room temperature 20°C - Athmospheric pressure 1013 mbars - Altitude 0n (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)

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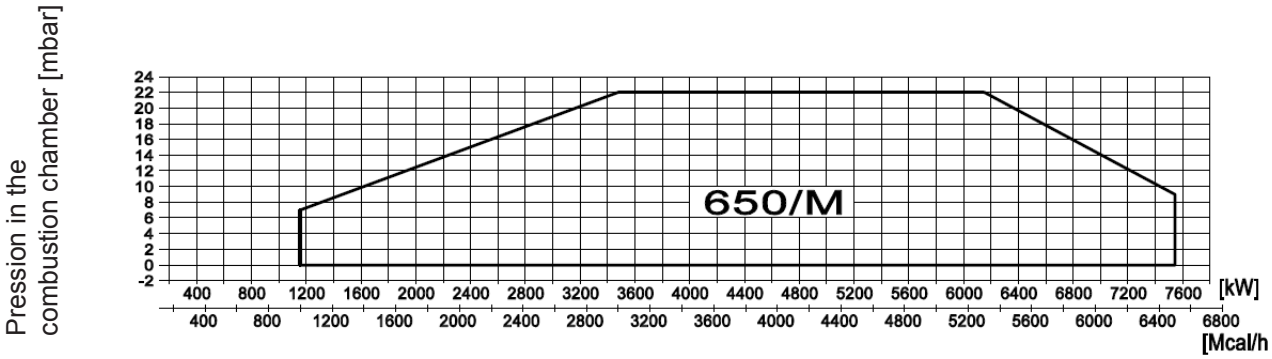
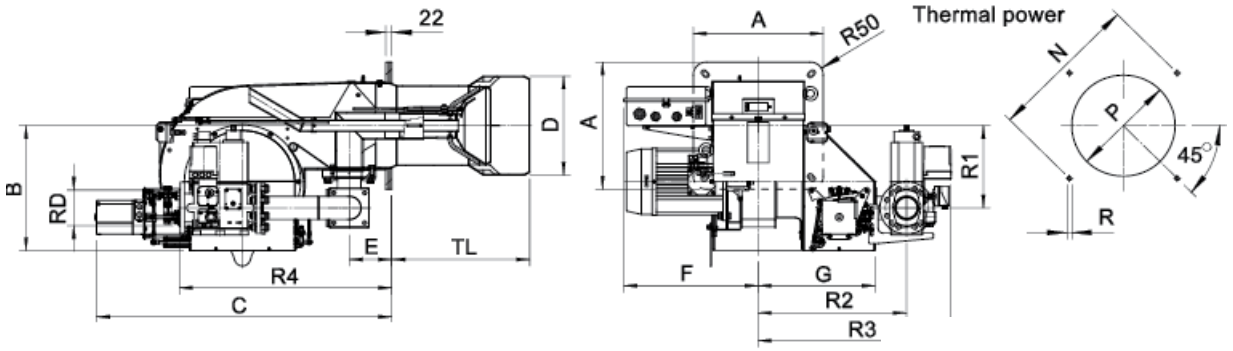
FIRING RATES: Thermal power - Pressure in combustion chamber



DIMENSIONS (mm)



* Suggested dimension of connection between burner and generator

MODEL	A	B	C	ØD	E	F	G	TL	N min	N *	N max	P min	P *	P max	R	R1	R2	R3	R4	RD	Gas train weight
GAS P 650/M CE - DN65	490	481	1118	420	160	705	440	490	552	552	580	430	440	450	M14	317	560	714	780	DN65	37 kg
GAS P 650/M CE - DN80	490	481	1118	420	160	705	440	490	552	552	580	430	440	450	M14	317	560	727	800	DN80	47 kg
GAS P 650/M CE - DN100	490	481	1118	420	160	705	440	490	552	552	580	430	440	450	M14	317	590	765	840	DN100	57 kg

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