



NOx                    가 /

▶ RLS/M MZ SERIES    ▶ RLS 190/M MZ 550/1100+2150kW

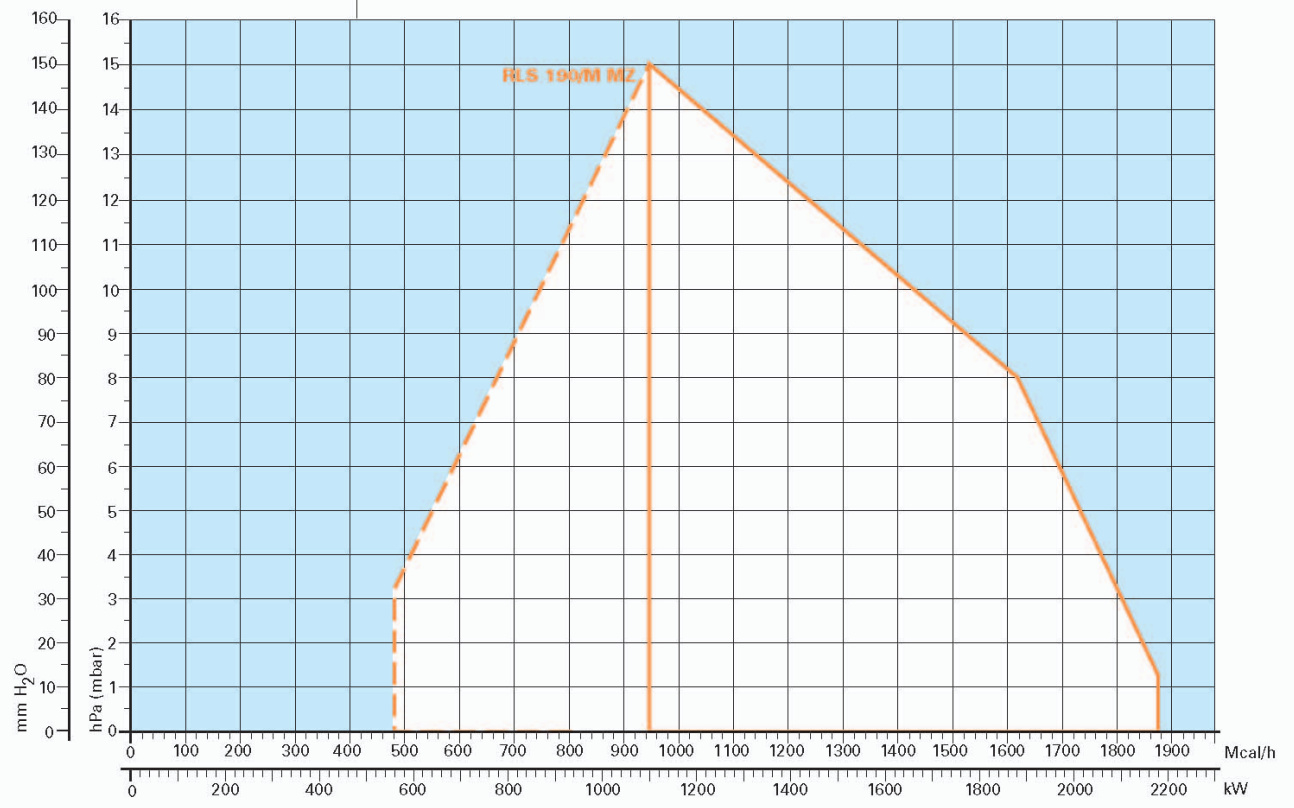


RLS/M MZ	470,000kcal /hr	2,200,000kcal /hr	
PID		2	가
	가		NOx 40ppm/Nr3
	가 /		

Model			▼ RLS 190/M MZ
Burner operation mode			Modulating gas side (with regulator and probes accessories) / two stage oil side
Modulation ratio at max. output			2 ÷ 1 (oil) / 3 ÷ 1 (gas)
Servomotor	run time	type	SQLN 31
		s	33
Heat output		kW	550/1100÷2150
		Mcal/h	473/946÷1849
Working temperature		°C min./max.	0/40
Oil	net calorific value	kWh/kg	11,86
	viscosity	mm <sup>2</sup> /s (cSt)	4÷6
	delivery	kg/h	46/93÷181
Pump		type	J7 C
	delivery	kg/h	230 (at 12 bar)
Atomised pressure		bar	12
Fuel temperature		max. °C	60
Fuel pre-heater			NO
G20	net calorific value	kWh/Nm <sup>3</sup>	10
	density	kg/Nm <sup>3</sup>	0,71
	gas delivery	Nm <sup>3</sup> /h	55/110-215
G25	net calorific value	kWh/Nm <sup>3</sup>	8,6
	density	kg/Nm <sup>3</sup>	0,78
	gas delivery	Nm <sup>3</sup> /h	64/128-250
LPG	net calorific value	kWh/Nm <sup>3</sup>	25,8
	density	kg/Nm <sup>3</sup>	2,02
	gas delivery	Nm <sup>3</sup> /h	--
Fan		type	Centrifugal with straight blades
Air temperature		max °C	60
Electrical supply		Ph/Hz/V	3N/50/230-400~(±10%) ⤴ 3/50/230~(±10%) ⤴
Auxiliary electrical supply		Ph/Hz/V	1/50/230~(10%)
Control box		type	LFL 1.333
Total electrical power		kW	6,0
Auxiliary electrical power		kW	1,5
Heaters electrical power		kW	--
Protection level		IP	44
Pump motor electrical power		kW	0,55
Rated pump motor current		A	3,6
Pump motor start up current		A	9,5
Pump motor protection level		IP	54
Fan motor electrical power		kW	4,5
Rated fan motor current		A	15,8 - 9,1
Fan motor start up current		A	126 - 72,8
Fan motor protection level		IP	54
Ignition transformer		type	--
		V1 - V2	230V - 2x5 kV
		I1 - I2	1,9A - 30mA
Operation			Intermittent (at least one stop every 24 h)
Sound pressure		dB (A)	85
Sound power		W	--
Oil	CO emission	mg/kWh	< 10
	grade of smoke indicator	N° Bacharach	< 2
	CxHy emission	mg/kWh	< 2
	NOx emission	mg/kWh	< 185
G20	CO emission	mg/kWh	< 10
	NOx emission	mg/kWh	< 120
Directive			73/23 - 89/336 - 90/396 EEC
Conforming to			EN 267 - EN 676
Certification			CE - 0085BP0439

**Reference conditions:**

Temperature: 20°C - Pressure: 1013 mbar - Altitude: 100 m a.s.l. - Noise measured at a distance of 1 meter.



Useful working field for choosing the burner

Modulation range

**Test conditions conforming to EN 267 - EN 676:**

Temperature: 20°C  
Pressure: 1013 mbar  
Altitude: 100 m a.s.l.





NOx CO

EN 676 EN 267

RLS/M MZ

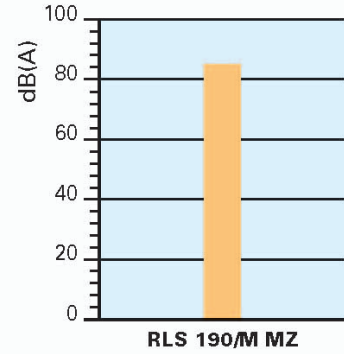
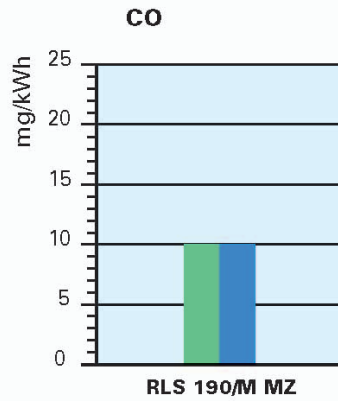
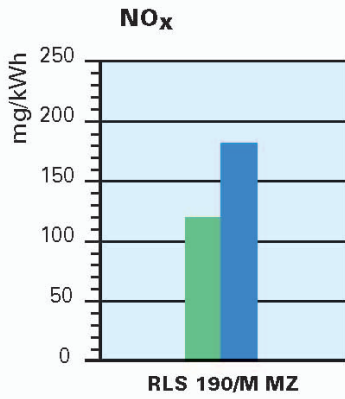
NOx

EN676

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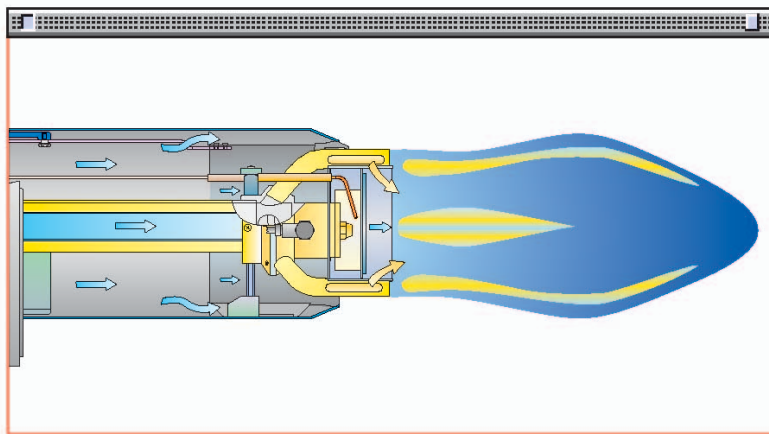
EN267

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가스 연소시

RLS/BP MZ



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NOx

40ppm/Nrβ

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