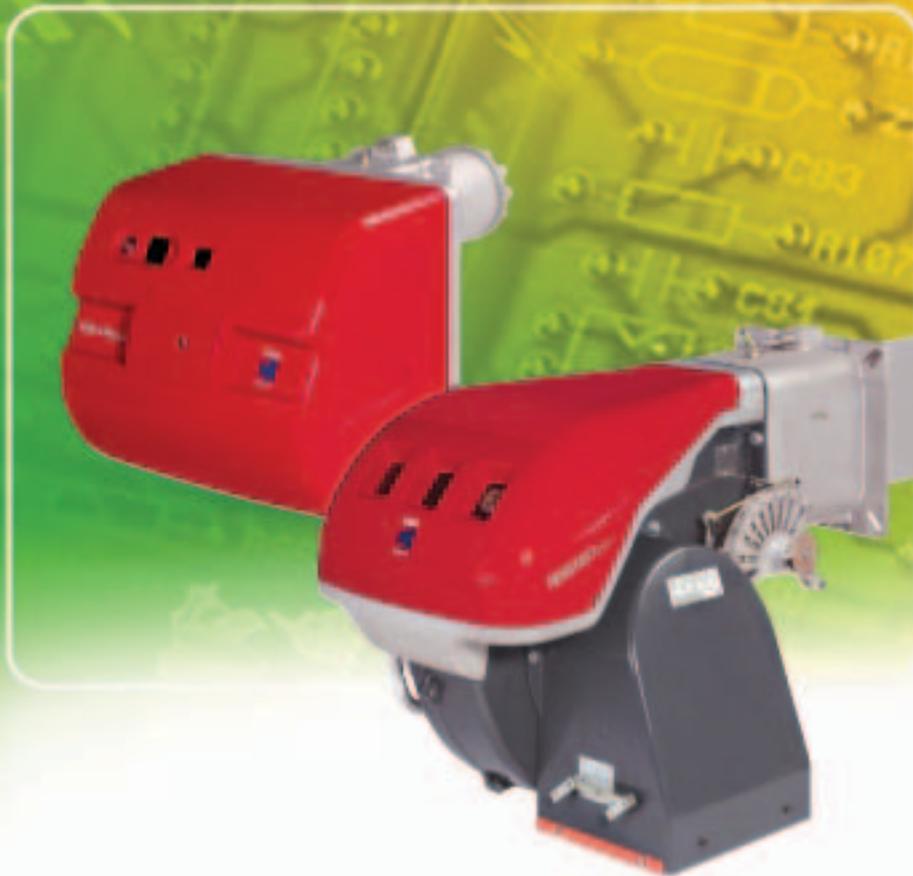


저 NOx 비례 제어 가스 버너

▶ RS/M BLU SERIES

▶ RS 45/M BLU	90/190 + 550 kW
▶ RS 68/M BLU	150/350 + 860 kW
▶ RS 120/M BLU	300/600 + 1300 kW
▶ RS 160/M BLU	300/930 + 1860 kW



RSM BLU

77,000 kcal/hr

1,920,000 kcal/hr 47

PD

2

inclined

40ppm

Nox

# 기술 자료

Model		RS45/M BLU	RS68/M BLU	RS120/M BLU	RS160/M BLU
Burner operation mode		Modulating (with regulator and probes accessories)			
Modulation ratio at max. output		3 - 1			4 - 1
Servo-motor	type	SQN90		SQN31	
	run time	24		42	
Heat output	kW	90/190-660	150/350-860	300/600-1300	300/930-1860
	Mcal/h	77/164-473	129/301-740	258/516-1118	258/800-1600
Working temperature		°C min./max. 0/40			
Net calorific value G20 gas		kWh/Nm <sup>3</sup> 10			
G20 gas density		kg/Nm <sup>3</sup> 0,71			
G20 gas delivery		9/19-55	15/35-88	30/60-130	30/93-180
Net calorific value G25 gas		kWh/Nm <sup>3</sup> 8,6			
G25 gas density		kg/Nm <sup>3</sup> 0,78			
G25 gas delivery		10,5/22-64	17,5/41-100	35/70-151	35/108-216
Net calorific value LPG gas		kWh/Nm <sup>3</sup> 25,8			
LPG gas density		kg/Nm <sup>3</sup> 2,02			
LPG gas delivery		Nm <sup>3</sup> /h --			
Fan		type Centrifugal with reverse curve blades			
Air temperature		max. °C 60			
Electrical supply		1/50/230-(±10%)	3N <sup>60</sup> /230-400-(±10%) Δ	3/50/230-(±10%) Δ	
Auxiliary electrical supply		Ph/Hz/V 1/60/230-(±10%)			
Control box		type LMG22 (intermittent operation) - LGK16 (continuous operation)			
Total electrical power		0,6	1,8	2,6	4,8
Auxiliary electrical power		0,18	0,3	0,3	0,3
Protection level		IP 44			
Motor electrical power		0,42	1,5	2,2	4,5
Rated motor current		2,9	5,9 - 3,4	8,8 - 5,1	15,8 - 9,1
Motor start up current		9,2	32,8 - 19	55,4 - 32	126 - 72,8
Motor protection level		IP 54			
Ignition transformer		type --		--	
		V1 - V2 230/240V - 1x15 kV		230V - 1x8 kV	
		I1 - I2 45uA - 25 mA		1A - 20 mA	
Operation		Intermittent (at least one stop every 24 h) - Continuous (at least one stop every 72 h)			
Sound pressure		70	77	78,5	80,5
Sound power		W --			
CO emission		mg/kWh < 20			
NOx emission		mg/kWh < 80			
Directive		90/396 - 89/336 - 73/23 - 82/42 EEC		90/396 - 89/336 - 73/23 EEC	
Conforming to		EN 676 - LRV 92		EN 676	
Certification		CE 0085 BM 0104 BUWAL n°101011		CE 0085 BM 0452	

## Reference conditions:

Temperature: 20°C

Pressure: 1000 mbar

Altitude: 100 m a.s.l.

Noise measured at a distance of 1 meter.

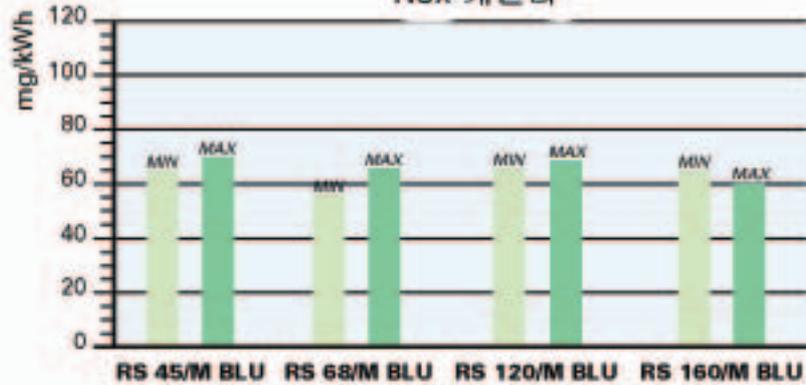


# Nox 및 CO 소음개런티

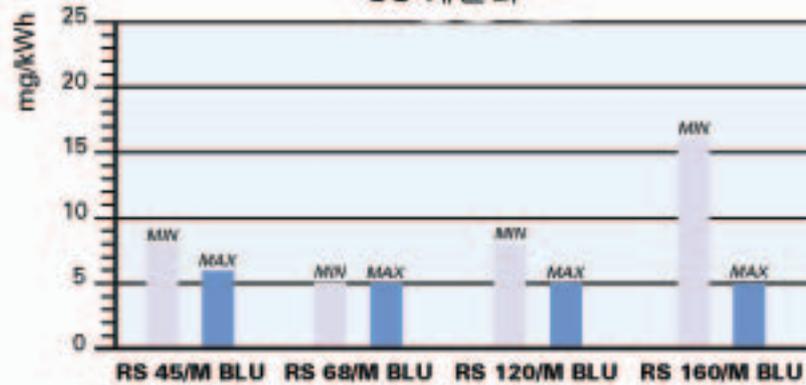
RS/M BLU모델의 저Nox버너는 전 모델이 유로 class3 80mg/kwh를 충족한다

본 도표의 측정치는 EN676 규정에 의하여 최소및최대 출력에서 측정된 자료로 Nox는 0.437를 곱하여주면 ppm/Nm3 값과 같다

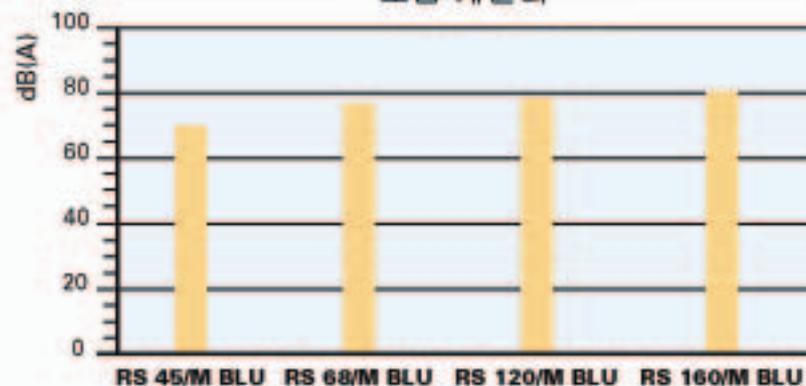
### Nox 개런티



### CO 개런티

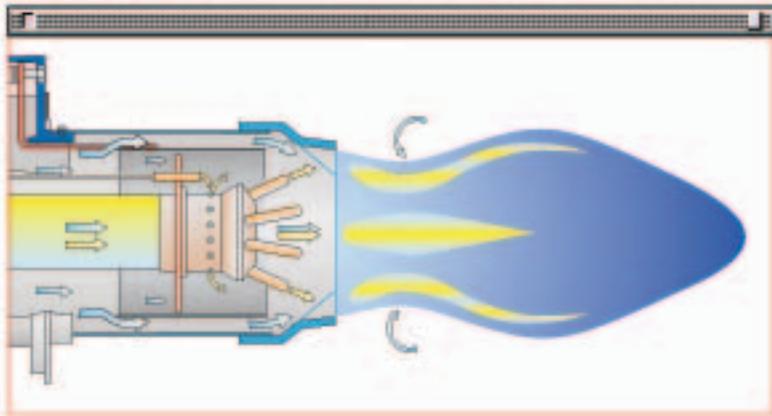


### 소음 개런티



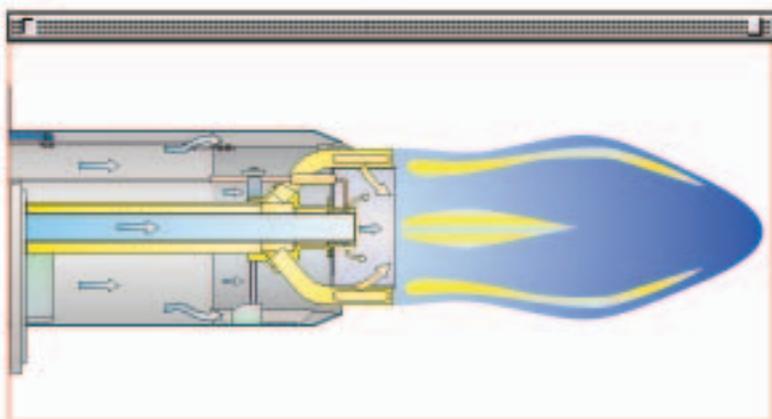
RS/M BLU버너의 연소헤드는 가장효과적으로 연료와/에어를 혼합하는 구조로 설계되고 공해발생을 최대로 억제할수있게 디자인되었습니다

RS 45/M BLU 연소헤드및 화염형성 구조



RS 45/M BLU모델의 가스 노즐은 원형파이프로 에어의 흐름 속도에따라 가스가 직접 분사되는 방식으로 높은산소 영역대의 화염형성을 억제하며 사전혼합된 에어/가스가 중앙 노즐로 분출되어 안정적 화염과 단계적 연소방식으로 공해발생을 억제할수있다

RS 68/M-120/M-160/M 연소헤드 및 화염



가  
가 가

Nox