

RS SERIES

The RS burners series covers a firing range from 44 to 2290 kW, and it has been designed for use in low or medium temperature hot water boilers, hot air or steam boilers, diathermic oil boilers.

Operation is “two stage progressive”; the burners are fitted with a microprocessor-based burner safety control box which supplies indication of operation and diagnosis of fault cause.

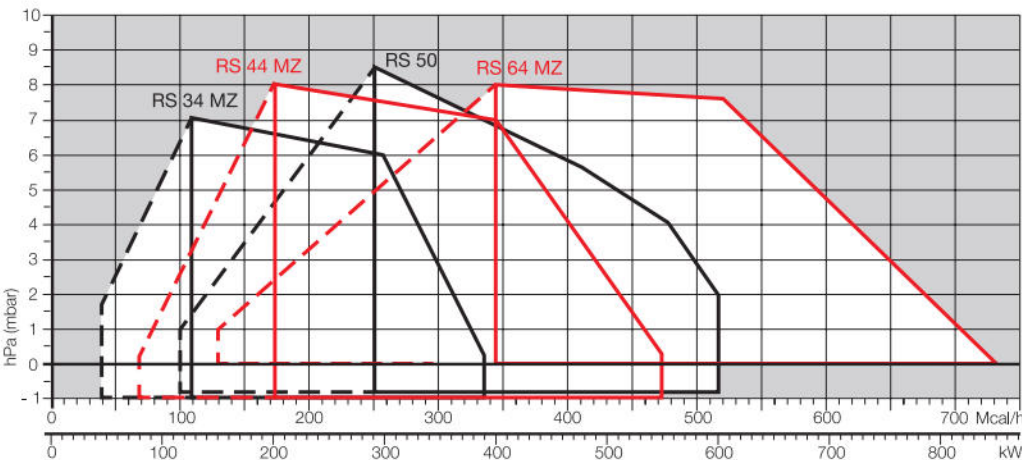
The elevated performance of the fans and combustion head, guarantee flexibility of use and excellent working at all firing rates.

The exclusive design ensures reduced dimensions, simple use and maintenance. Optimisation of sound emissions is guaranteed by the special design of the air suction circuit and by incorporated sound proofing material. A wide range of accessories guarantees elevated working flexibility.



RS 34 MZ	45/125 ÷ 390 kW
RS 44 MZ	80/203 ÷ 550 kW
RS 50	115/290 ÷ 600 kW
RS 64 MZ	150/400 ÷ 850 kW
RS 70	192/465 ÷ 814 kW
RS 100	232/698 ÷ 1163 kW
RS 130	372/930 ÷ 1512 kW
RS 150	300/900 ÷ 1850 kW
RS 190	470/1279 ÷ 2290 kW

FIRING RATES



Useful working field for choosing the burner

1st stage operation range

Test conditions conforming to EN676
Temperature: 20°C
Pressure: 1013,5 mbar
Altitude: 0 m a.s.l.

Two Stage Progressive Gas Burners

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Gas train accessories

Stabiliser spring



Accessory springs are available to vary the pressure range of the gas train stabilisers. The following table shows these accessories with their application range. Please refer to the technical manual for the correct choice of spring.

GAS TRAIN	SPRING COLOUR	SPRING PRESSURE RANGE mbar	SPRING CODE
► MBC 1900/1 – 3100/1 MBC 5000/1	White	4 – 20	3010381
	Red	20 – 40	3010382
	Black	40 – 80	3010383
	Green	80 – 150	3010384
► CB 512/1	Red	25 – 55	3010131
	Black	60 – 110	3010157
	Pink	90 – 150	3090486
► CB 520/1 – 525/1	Red	25 – 55	3010132
	Black	60 – 110	3010158
	Pink	100 – 150	3090487
► CB 5065/1 – 5080/1	Red	25 – 55	3010133
	Black	60 – 110	3010135
	Pink	100 – 150	3090456
	Grey	140 – 200	3090992

Seal control kit



To test the valve seals on the gas train, a special “seal control kit” is available. The valve seal control device is compulsory (EN 676) on gas trains to burners with a maximum output over 1200 kW. The seal control is type VPS 504.

GAS TRAIN	KIT CODE for 50 Hz operation	KIT CODE for 60 Hz operation
► MB/1 type	3010123	20050030
► MBC/1 type	3010367	20029057
► CB/1 type	3010367	20029057