

industrial burners

novanta-cinquecento-mille series

INDUSTRIAL

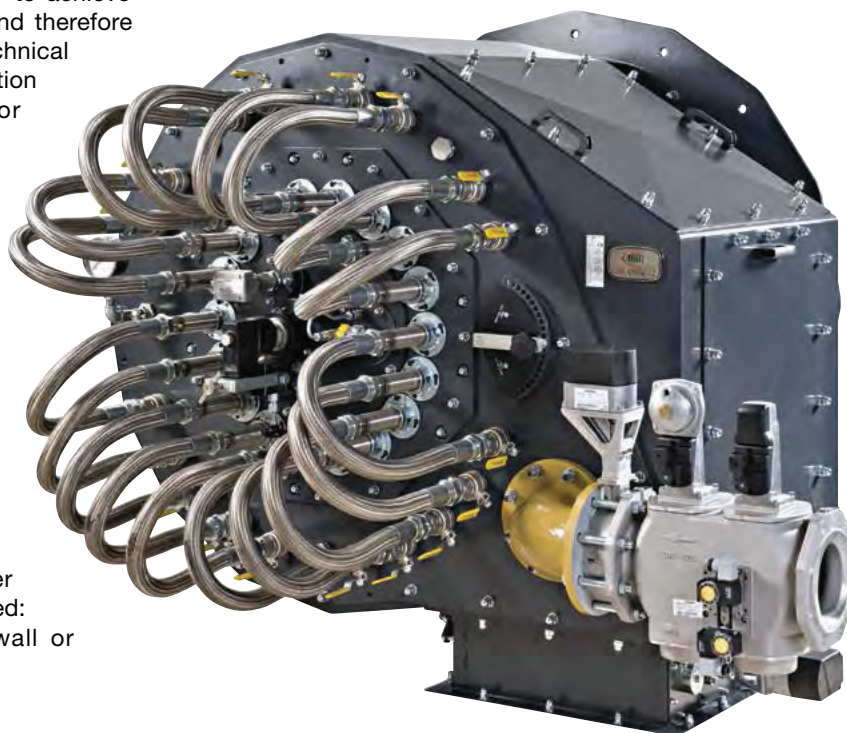
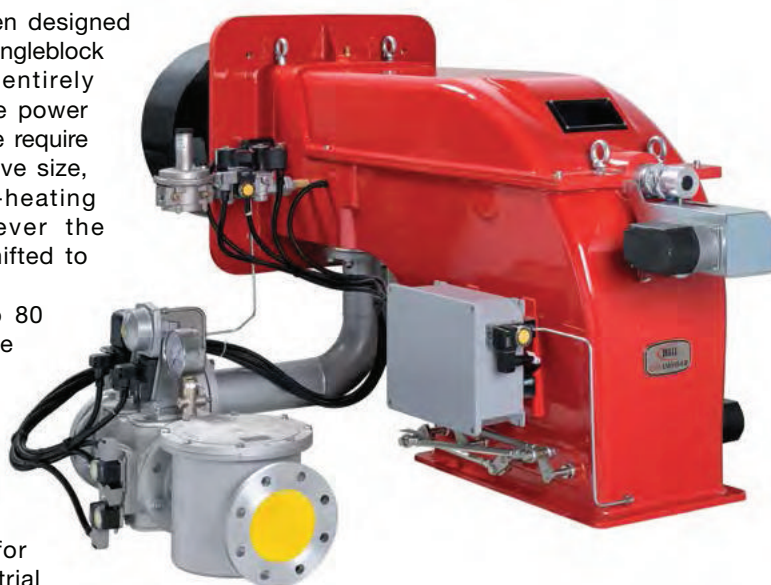
BURNERS FOR INDUSTRIAL APPLICATIONS WITH SEPARATE FAN

These industrial burners have been designed for all those applications in which singleblock models are poorly suited or entirely inadequate, such as wherever the power values at the firing would otherwise require the use of built-in fans of excessive size, whenever combustion air pre-heating is provided, or again, whenever the primary noise source must be shifted to soundproofed areas.

The range runs from 264 kW to 80 MW power in different constructive versions as required by the type of final system or specific client needs.

Aluminium casting is usually used for the lower power models (up to 19 MW), while steel construction is adopted for higher power models. This industrial burner design project was developed to obtain the greatest versatility in order to achieve the objectives posed by the client, and therefore in respect of the widest range of technical specifications. For example, combustion heads with air inlet from above or below the firing, axial or tangential air flow, or registers for turbulence adjustment and other features can be provided. This means that the machines can be personalised as required by size and performance in different industrial sectors that offer differ widely one from another. All the combustion heads are obviously available in the versions for liquid, gaseous or mixed fuels. Personalisation in these cases is almost inevitable and entirely feasible with our range, and all such requests are carefully analysed, one by one. Each system can be further distinguished by the equipment provided:

- built-in or separately-mounted (wall or console) control panels
- electronic or mechanical adjustment
- oxygen flow control
- flue gas re-circulation
- combustion air heated up to 200°C
- combustion oil thrust unit
- combustion oil heating unit





URB series

REGISTER BURNERS FOR INDUSTRIAL APPLICATIONS 7 MW ÷ 80 MW

TECHNICAL DETAILS

URB series multifuel			
Type	Min modulation output kW	Min application output kW	Max output kW
URB5	1.167	4.900	7.000
URB10	1.700	7.000	10.200
URB15	2.567	10.200	15.400
URB20	2.983	15.400	17.900
URB25	3.783	17.900	22.700
URB30	5.050	22.700	30.300
URB32	5.533	30.300	33.200
URB35	5.967	33.200	35.800
URB40	6.917	35.800	41.500
URB45	7.750	41.500	46.500
URB50	8.500	46.500	51.000
URB60	10.067	51.000	60.400
URB70	11.167	60.400	67.000
URB80	13.300	67.000	80.000

