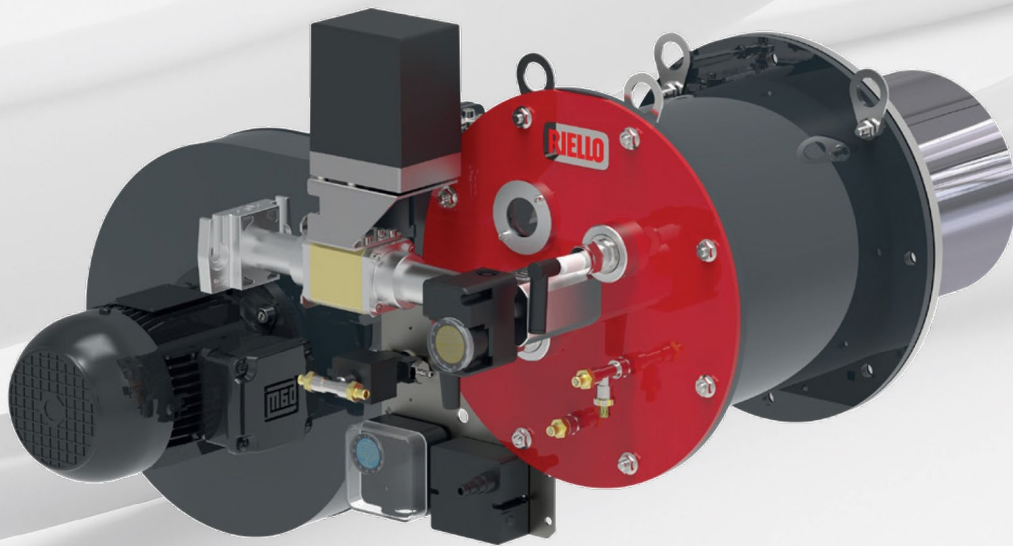


HTDR SERIES

TECHNICAL DATA SHEET

PROCESS GAS BURNERS



Overview

Riello has developed a new range of industrial products; the new HTDR gas burner series with high turndown ratio (up to 58:1) dedicated to process applications.

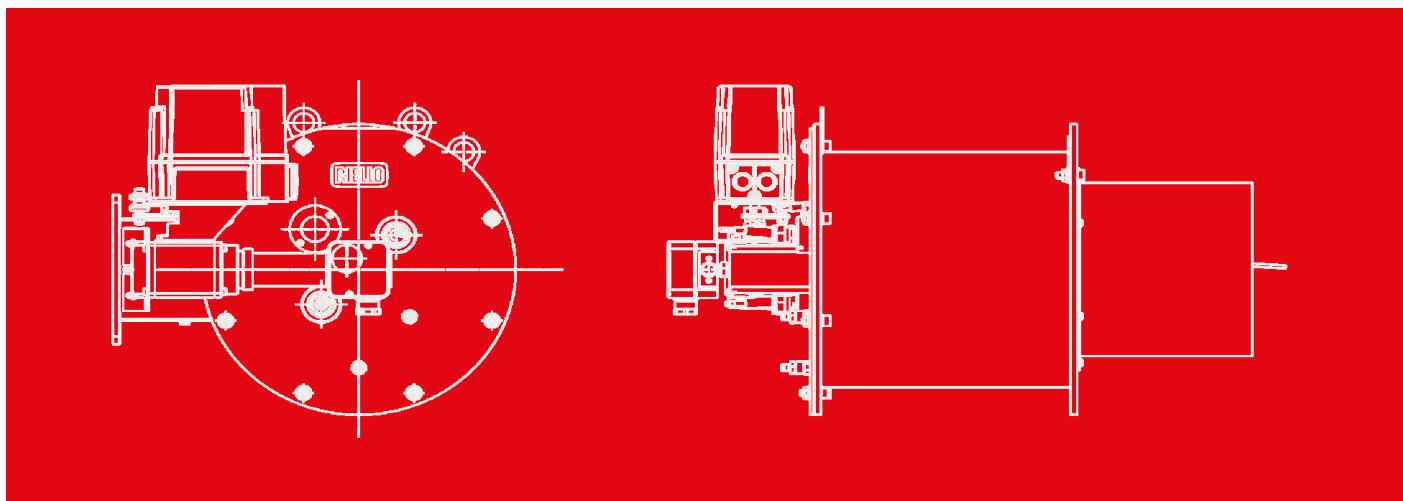
The light and compact burner structure is made in carbon steel; the elements in direct contact with the flame are manufactured with highly resistant stainless steel and nickel-chrome alloys.

The Conical shape of the combustion head provides excellent flame support under adverse atmospheric conditions.

Textiles	Ceramics	Agriculture	Food	Coatings
• Stenters • Dyers • Polymeriser	• Roller dryers • Tunnel dryers	• Fodder dryers • Grain dryers • Tobacco dryers	• Cereal drying • Dehydrators • Roasters	• Air heaters • Dryers • Automotive painting

Model	Min Output (MBtu/hr)	Max Output (MBtu/hr)	Turndown Ratio	Fuel	Electrical (V/PH/Hz)
HTDR 200	20	1000	50:1	NG and LPG	120/1/60
HTDR 300	36	1500	41:1		120/1/60
HTDR 450	40	2000	50:1		320-460V/3/60
HTDR 600	42	2500	58:1		230-460V/3/60
HTDR 800	70	3500	50:1		230-460V/3/60

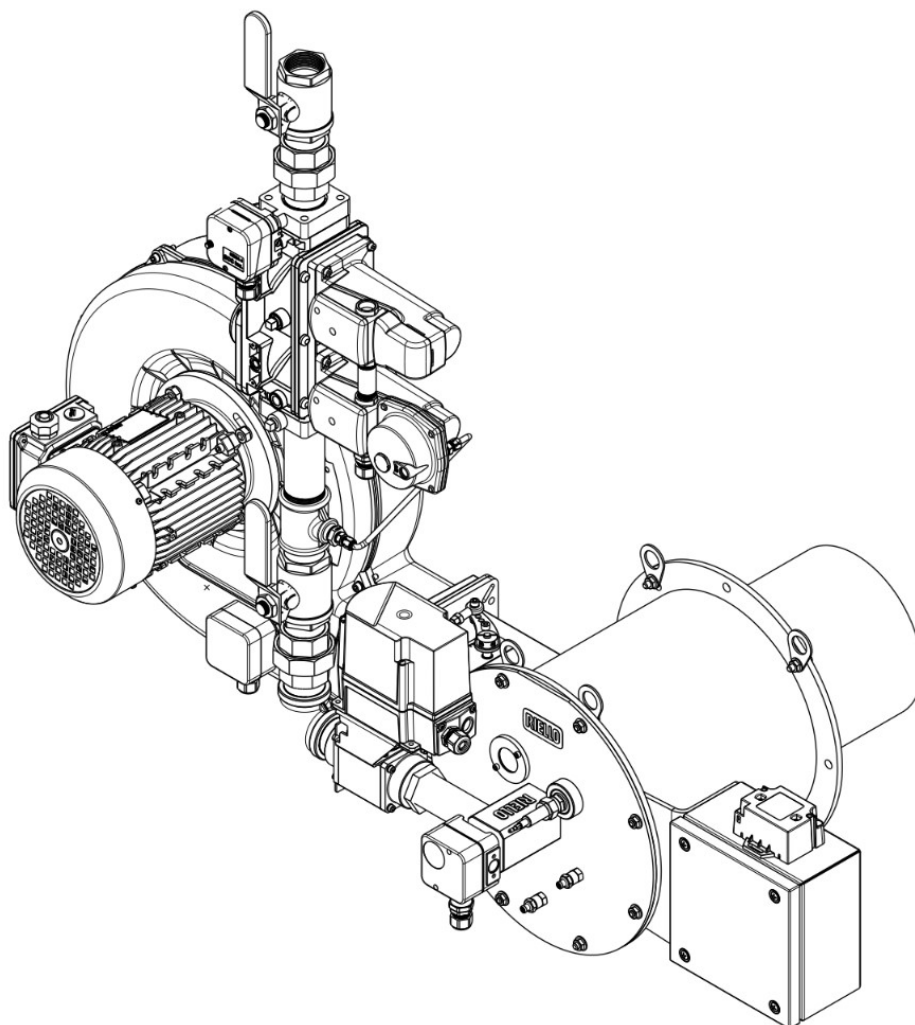
Flame Safeguard	LME7
Servomotor	SQM41
Ignition	Direct Spark
Flame Detector	Ionization rod
Operation	Continuous



Customizable

Due to its modular design the HTDR platform is highly customizable to suit many applications. The engineering team at Riello North America can provide a unique configuration tailored to the meet the demands of today's industries

Fan	Gas Train	Electrical Panel	Mounting Configuration
• Diecast aluminum housing • TEFC motor • Pre-wired military plug connection	• High or low pressure • Customized orientation and components	• Locally Mounted • Remote mounted with single point military plug • Customized inputs/ outputs	• Selectable, field adjustable



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RIELLO ENERGY FOR LIFE



[1]



[2]



[3]

- [1] BURNERS PRODUCTION PLANT
S. PIETRO, LEGNAGO (VERONA) – ITALY
- [2] HEADQUARTER BURNERS DIVISION
S. PIETRO, LEGNAGO (VERONA) – ITALY
- [3] RIELLO CANADA INC.,
MISSISSAUGA, ONTARIO – CANADA

MORE THAN 100 YEARS EXPERIENCE

Each RIELLO burner is the result of a long experience in design and manufacture, coupled with leading technology and flexible burner design. RIELLO has always believed and invested in the search for new materials and in the development of more advanced combustion technology.

OUR PRESENCE

RIELLO, World Leader in the production of gas, oil, dual fuel and Low NOx burners high performance across the full range of residential and commercial heating applications, as well as in industrial processes.

The RIELLO Combustion Research Centre represents a leading facility for the development of combustion technology.

Today, the company's presence on worldwide markets is distinguished by a well-structured and efficient sales network, alongside many important Training Centres located in various countries to meet its customers' needs.

With headquarters in Legnago (Northern Italy), RIELLO has been manufacturing premium quality burners for more than 100 years.

The manufacturing plant is equipped with the most innovative systems of assembling lines and modern manufacturing cells for a quick and flexible response to the market.

