

OVERVIEW

Riello Burners, world-wide leader in the production and commercialisation of burners, has been designing, manufacturing, and innovating vanguard technologies for almost 90 years.

Riello Burners is the technological leader in the application of residential, commercial, and industrial burners designed to reduce fuel consumption and environmental impact. Through research and innovation Riello Burners has developed a new line of products based on the revolutionary technology of premix combustion. The RX series provides high modulation ratios and low pollution emissions making them the ideal solution for condensing applications and industrial processes.

Riello Burners RX Series

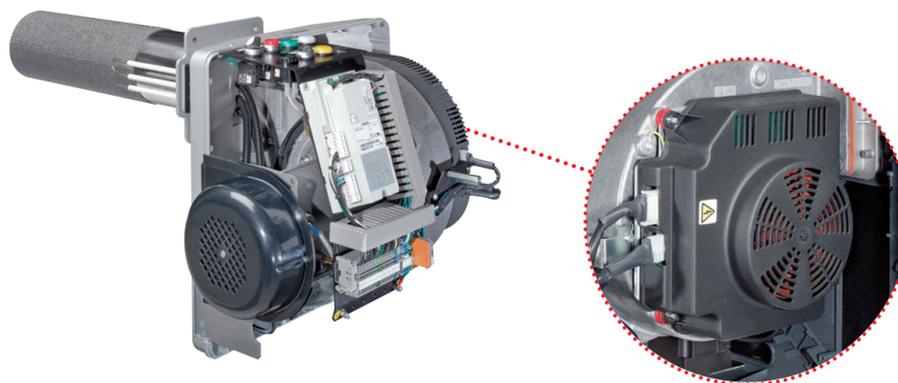
Riello Burners RX gas burner series, completely designed and developed by Riello Burners for premix combustion technology, is the best answer to low polluting emissions and it allows to achieve high modulating turn down ratios. The RX series burner operation can be “two stages progressive” or alternatively “modulating” with the installation of a PID logic regulator and respective probes. The RX series burners electronic controls are designed with modular concept in order to offer a highly flexible configuration dependant on the application.

RX 70 S/PV	48 - 240	MBtu/hr
RX 150 S/PV	80 - 550	MBtu/hr
RX 250 S/PV	150 - 800	MBtu/hr
RX 300 S/PV	160 - 1.100	MBtu/hr
RX 300-33 S/PV	180 - 1.220	MBtu/hr
RX 400 S/PV	300 - 1.700	MBtu/hr
RX 500 S/PV	350 - 2.150	MBtu/hr
RX 700 S/PV	450 - 2.700	MBtu/hr
RX 850 S/PV	560 - 3.400	MBtu/hr
RX 1000 S/PV	800 - 4.550	MBtu/hr
RX 1500 S/E	650 - 6.120	MBtu/hr
RX 1800 S/E	750 - 6.800	MBtu/hr
RX 2500 S/E	1.380 - 10.500	MBtu/hr
RX 3000 S/E	1.890 - 11.500	MBtu/hr



RX S/PV SERIES Fan and Brushless Motor

RX S/PV burners utilize a brushless fan motor providing speed modulation without the need for a variable frequency drive. The small size, low energy consumption, and low acoustic emissions make this burner extremely powerful yet quiet.



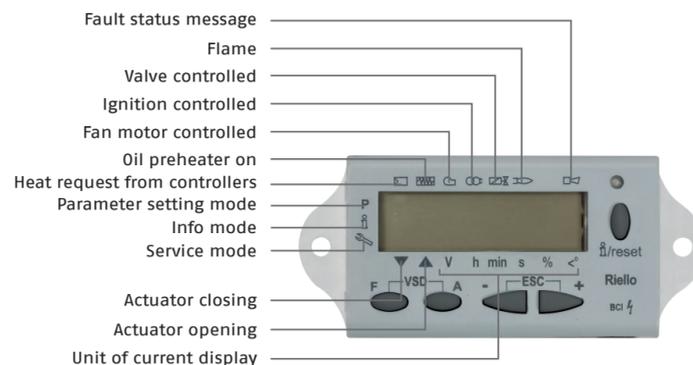
LME71 Digital Burner Management System



The LME71 flame safeguard manages all aspects of the burner. The control has a simple three point program for establishing the burner operating curve. The three digit display and four button interface provide the user detailed fault code information, flame signal strength, operational point, and manual control of the unit.

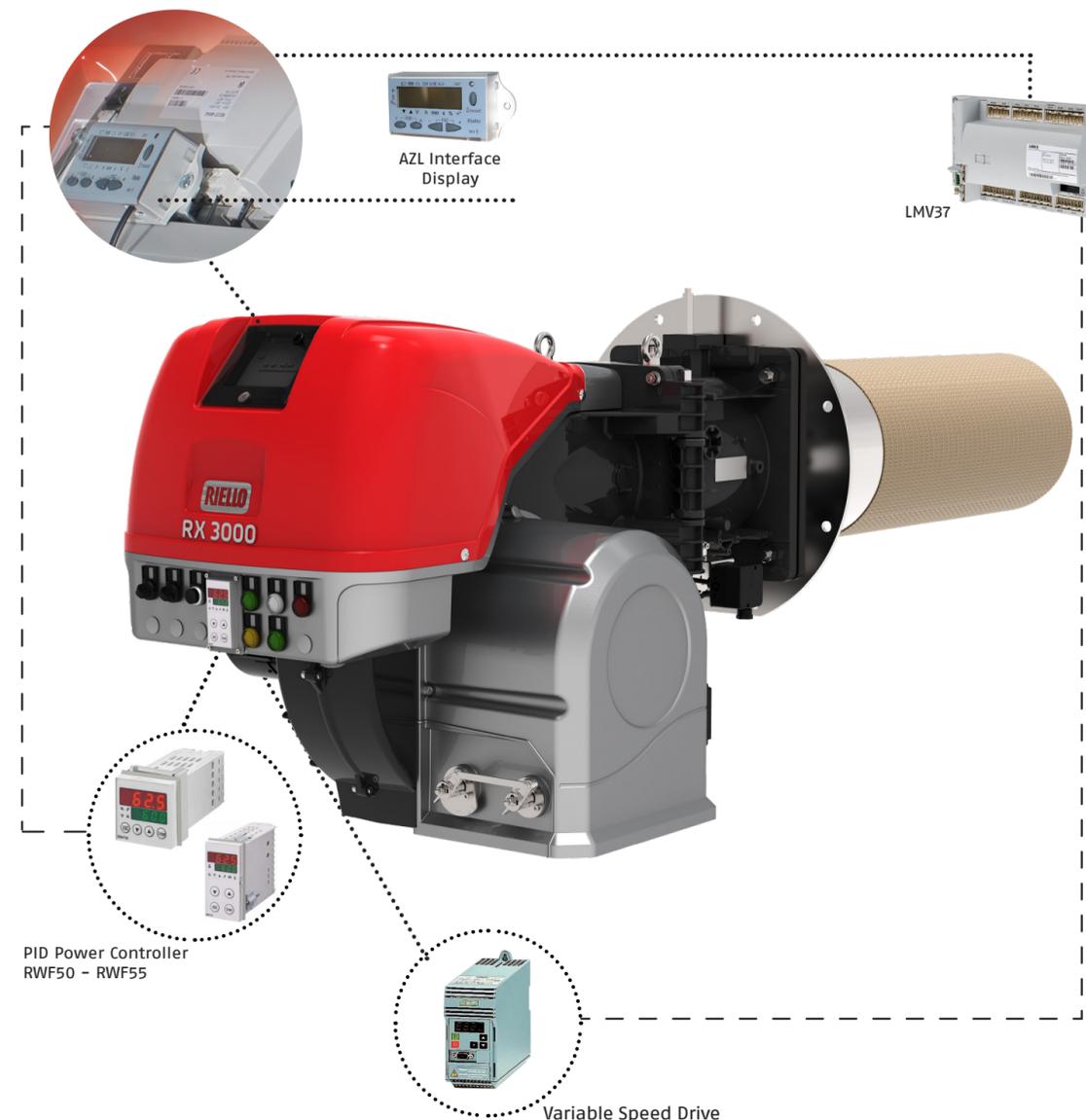
PROGRAMMABLE WITH A SIMPLE INTERFACE

The optional AZL module offers the operator even more flexibility for adjusting pre and post-purge times, ignition recycle, and parameter settings. The control module allows for “backup” copies of the parameter settings to be stored in the on-board PME module.

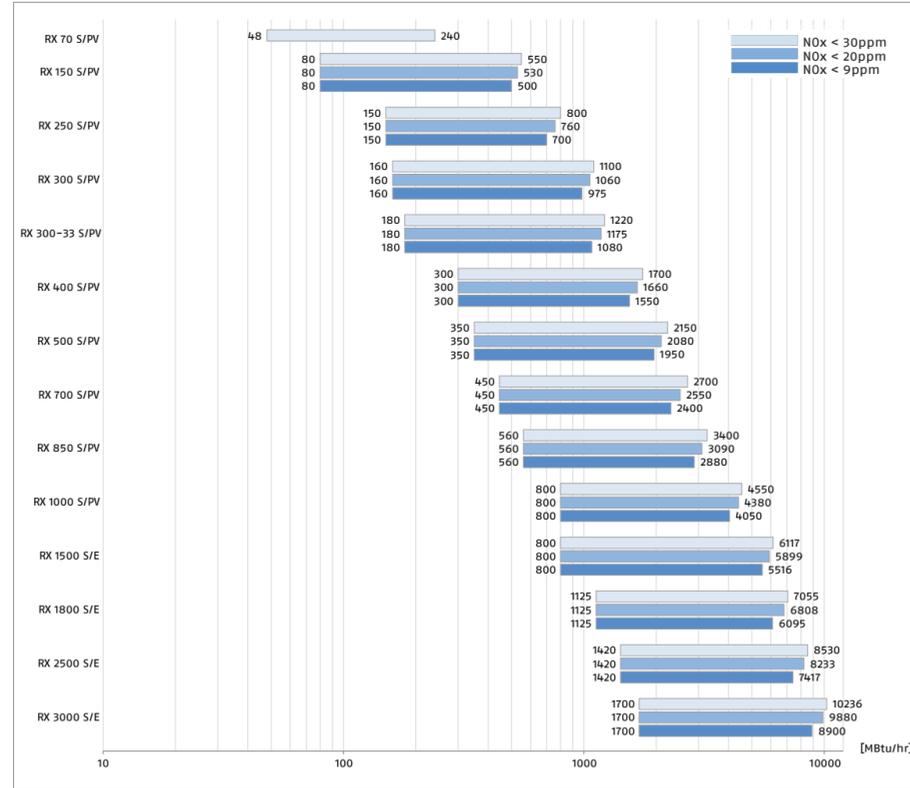


RX S/E SERIES LMV37 Digital Burner Management System

Combustion technology is in a continuous state of evolution to meet the increasing demands of the industry and regulators. The RX S/E series uses the LMV37 burner management system and independent fuel and air servomotors. The user friendly interface and precise fuel-air ratio control make the RX S/E series safe and reliable.



Firing rates



Available burner models

MODEL	POWER SUPPLY (V/Ph/Hz)	HEAT OUTPUT (MBtu/hr)	EXTENSION HEAD		CERTIFICATION
			STANDARD	LENGTH=F	
RX 70 S/PV	120/1/60	48 - 240	11"	-	UL Complied
RX 150 S/PV	120/1/60	80 - 550	15"	26 3/4"	UL Approved
RX 250 S/PV	120/1/60	150 - 800	18"	28"	UL Approved
RX 300 S/PV	120/1/60	160 - 1.100	18"	-	UL Approved
RX 300-33 S/PV	120/1/60	180 - 1.220	18"	-	UL Approved
RX 400 S/PV	120/1/60	300 - 1.700	22 1/2"	36 1/4"	UL Approved
RX 500 S/PV	120/1/60	300 - 2.150	25"	38 3/4" 47 1/4"	UL Approved
RX 700 S/PV	120/1/60	450 - 2.700	14 1/8"	-	UL Approved
RX 700 S/PV	208-240/1/60	450 - 2.700	14 1/8"	-	UL Approved
RX 850 S/PV	120/1/60	560 - 3.400	25 3/4"	-	UL Approved
RX 850 S/PV	208-240/1/60	560 - 3.400	25 3/4"	-	UL Approved
RX 1000 S/PV	208-240/3/60	800 - 4.550	25 3/4"	-	UL Approved
RX 1000 S/PV	380-480/3/60	800 - 4.550	25 3/4"	-	UL Approved
RX 1500 S/E	230-460/3/60	650 - 6.120	33 11/64"	-	UL Approved
RX 1800 S/E	230-460/3/60	750 - 6800	36 5/8"	-	UL Approved
RX 2500 S/E	230-460/3/60	1.380 - 10.500	47 1/8"	-	UL Approved
RX 3000 S/E	230-460/3/60	1.890 - 11.500	60 1/4"	-	UL Approved

RIELLO

Riello Burners a world of experience in every burner we sell.



[1]



[2]

[1] BURNERS PRODUCTION PLANT
S. PIETRO, LEGNAGO (VERONA) - ITALIA

[2] HEADQUARTER BURNERS DIVISION
S. PIETRO, LEGNAGO (VERONA) - ITALIA

Across the world, Riello sets the standard in reliable and high efficiency burner technology.

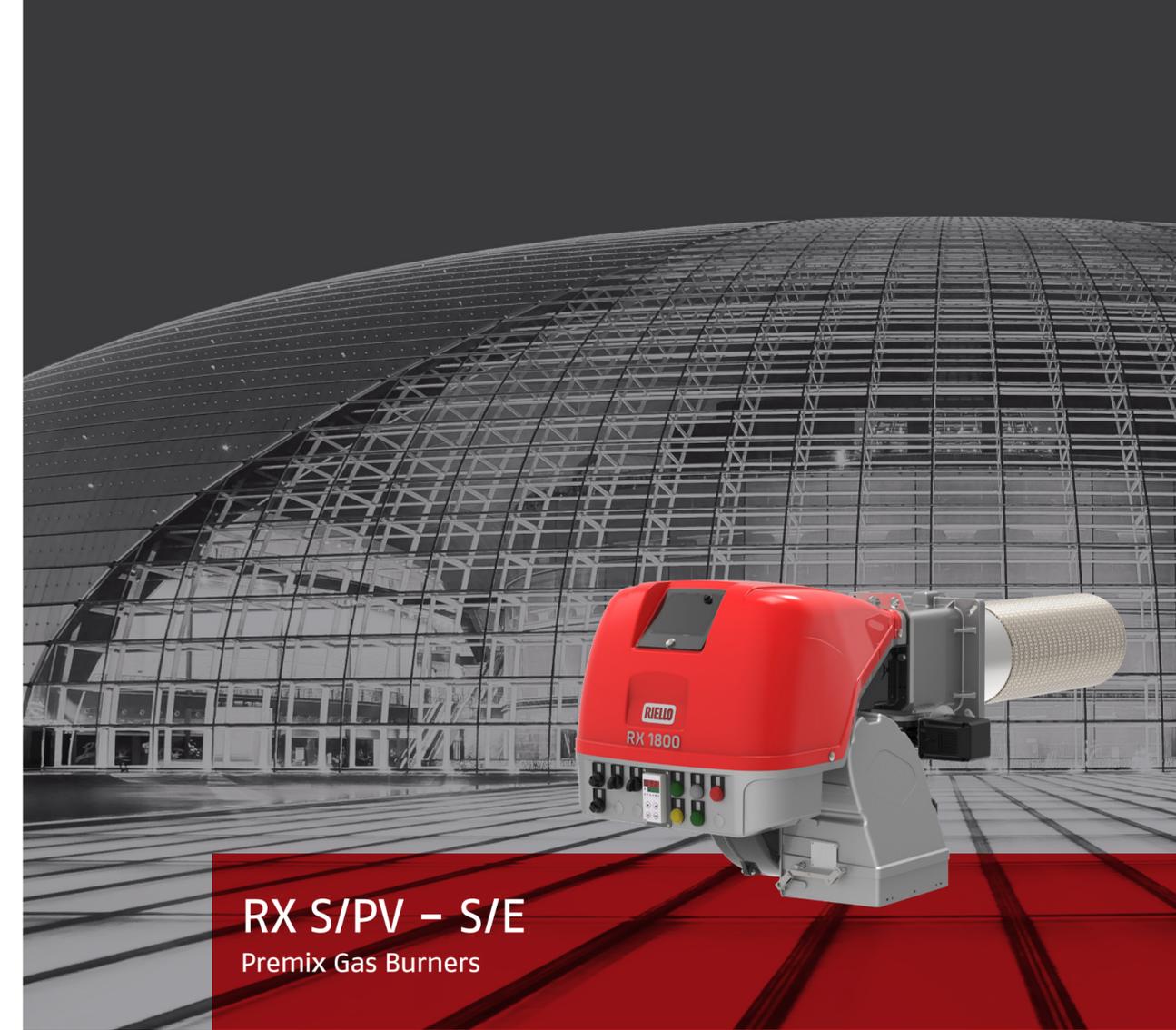
With burner capacity from 17 thousand to 163 million Btu/hr, Riello gas, oil, dual fuel and Low Nox burners deliver unbeatable performance across the full range of residential and commercial heating applications, as well as in industrial processes.

With headquarter in Legnago, Italy, Riello has been manufacturing premium quality burners for over 90 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.

Besides, the Riello Combustion Research Centre, located in Angiari, Italy, represents one of the most modern facility in Europe and one of the most advanced in the world for the development of the combustion technology.

Today, the company's presence on worldwide markets is distinguished by a well-constructed and efficient sales network, alongside many important Training Centres located in various countries to meet its customers' needs. Riello has 13 operational branches abroad (in Europe, America and Asia), with customers in over 60 countries.

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RX S/PV - S/E
Premix Gas Burners

Product Overview

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