**RIELLO**

RS 310-410-510-610-810/E-EV BLU SERIES

The RS 310-410-510-610-810/E-EV BLU burners series covers a firing range from 1200 to 8010 kW, and it has been designed for use in low or medium temperature hot water boilers, hot air or steam boilers, diathermic oil boilers. It is based on a new Digital Burner Management System (Riello REC27-37 or Siemens LMV52), which is able to manage the air-fuel ratio by independent servomotors in order to obtain a perfect output control and to assure a correct combustion and safe operation on all modulation range. Operation can be "two stage progressive" or, alternatively, "modulating" with the installation of the dedicated probes (with burner models equipped with REC27-37 control box, an additional PID logic regulator is required). RS/E-EV BLU burners series guarantees high efficiency levels in all the various applications, thus reducing fuel consumption and running costs; specifics versions are available to operate with **Variable Speed Drive technology** base on the control of a Frequency Inverter that modifies the air flow through the motor speed variation.

The combustion head engineered with advanced simulation devices, guarantees reduced polluting emissions.

The exclusive design ensures reduced dimensions, simple use and maintenance. A wide range of accessories guarantees elevated working flexibility. Finally, new RS 310-410-510-610-810/E-EV BLU burner models, equipped with Siemens LMV52 control box and compatible with combustion optimization based on the residual O_2 content in the exhaust fumes, are now available.

LOW NOx GAS

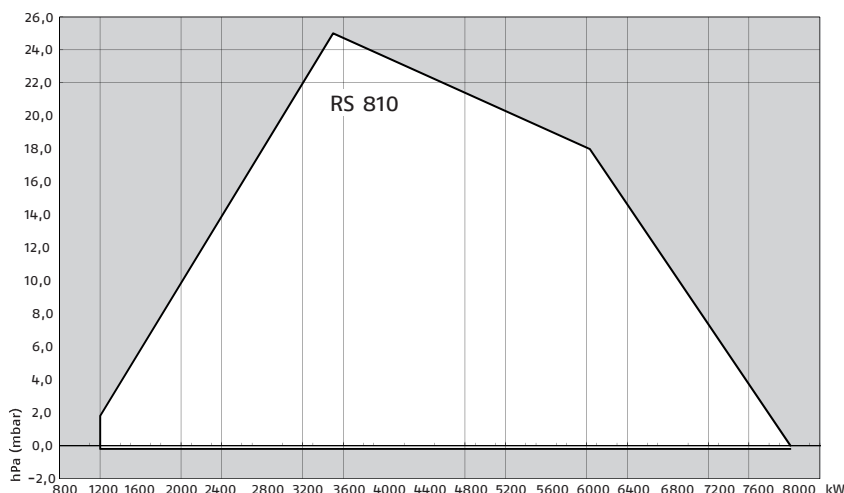|		
RS 310/E-EV BLU	400/1200 ÷ 3630	kW
RS 410/E-EV BLU	500/1500 ÷ 4450	kW
RS 510/E-EV BLU	680/1800 ÷ 5250	kW
RS 610/E-EV BLU	1000/2200 ÷ 6250	kW
RS 810/E-EV BLU	1200/3500 ÷ 8010	kW

FIRING RATES
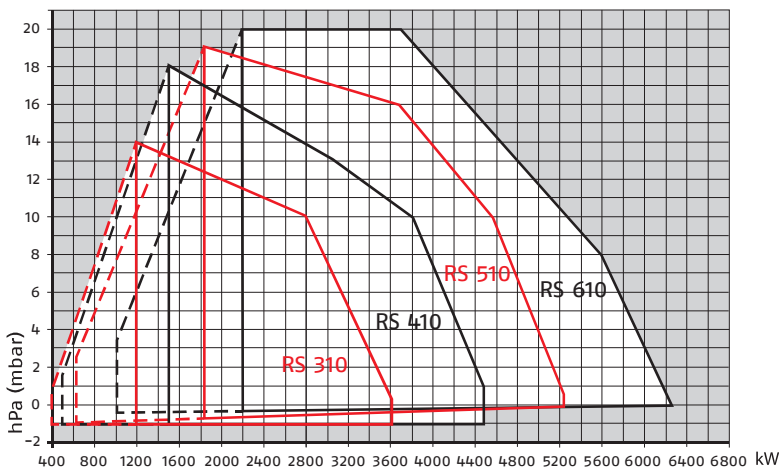
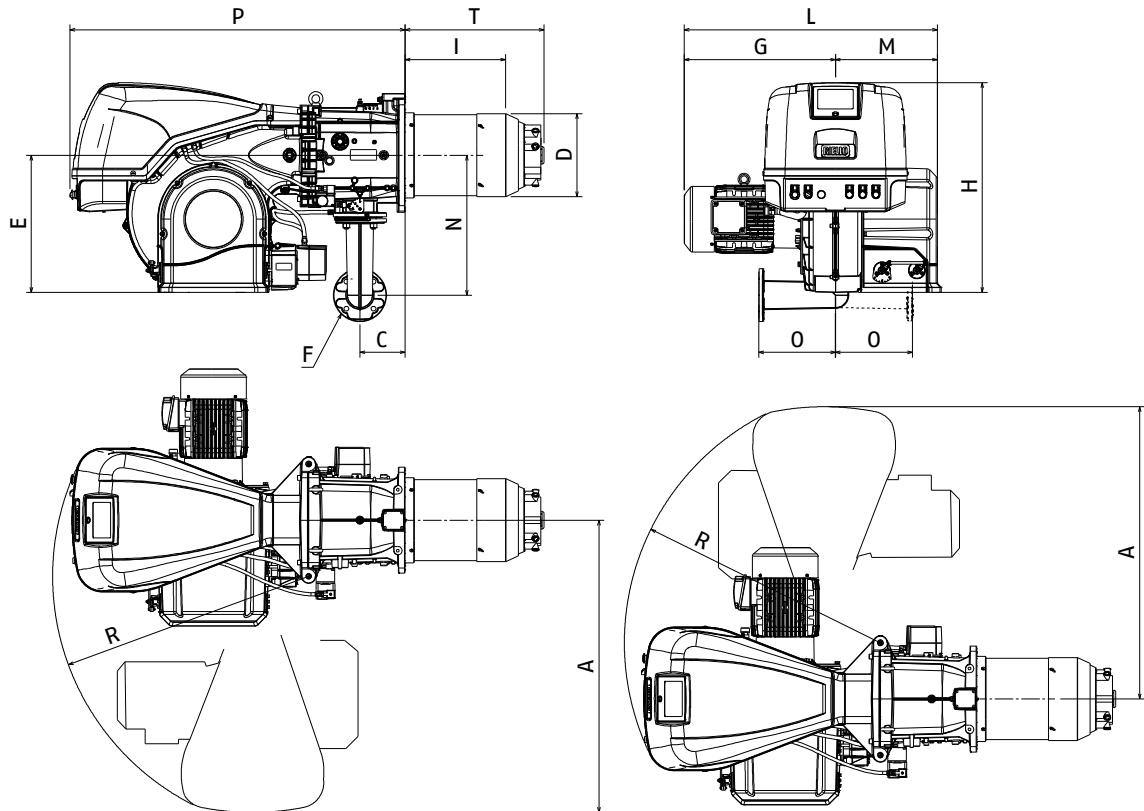□ Useful working field for choosing the burner

⌐ ¬
└ ⌐ Modulation range

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

RS 310-410-510-610-810/E-EV BLU SERIES

Overall dimensions (mm)

Burner models equipped with REC27-37 control box

Model	A	C	D	E	F **	G	H	I	L	M	N	O	P	R	S	T
▶ RS 310/E-EV BLU	1015	178	306	520	DN65-DN80	500	790	346	900	400	528	290	1178	890	177	465
▶ RS 410/E-EV BLU	1015	178	313	520	DN65-DN80	540	790	365	940	400	528	290	1178	890	177	517
▶ RS 510/E-EV BLU	1015	178	313	520	DN65-DN80	540	790	365	940	400	528	290	1178	890	177	517
▶ RS 610/E-EV BLU	1015	178	334	520	DN65-DN80	545	790	360	945	400	528	290	1178	890	177	517
▶ RS 810/E BLU	1197	173	363	585	DN80	577	890	405	990	413	260	290	1345	1055	452	558
▶ RS 810/EV BLU	1197	173	363	585	DN80	637	890	1050	1050	413	260	290	1345	1055	452	558

Burner models equipped with LMV52 control box

| Model	A	C	D	E	F**	G	H	I	L	M	N	O	P*	R	T
▶ RS 310/E-EV O_2 BLU	1090	178	306	520	DN65-DN80	500	790	346	900	400	528	290	1260	966	465
▶ RS 410/E-EV O_2 BLU	1090	178	313	520	DN65-DN80	540	790	365	940	400	528	290	1260	966	517
▶ RS 510/E-EV O_2 BLU	1090	178	313	520	DN65-DN80	540	790	365	940	400	528	290	1260	966	517
▶ RS 610/E-EV O_2 BLU	1090	178	334	520	DN65-DN80	545	790	360	945	400	528	290	1260	966	517
▶ RS 810/E O_2 BLU	1285	173	363	585	DN80	577	890	405	990	413	260	290	1440	1140	558
▶ RS 810/EV O_2 BLU	1285	173	363	585	DN80	637	890	405	1050	413	260	290	1440	1140	558

* Maximum position for the extraction of the servomotor cover in mechanical cam models.
** For the model RS 810 the adaptor for gas train is not included as standard equipment.

Overall dimensions (mm)

BURNER - BOILER MOUNTING FLANGE
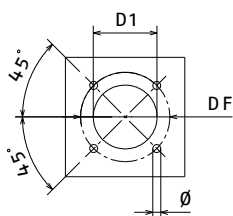
MODEL	D1	D2	Ø
▶ RS 310/E-EV BLU	335	452	M18
▶ RS 410/E-EV BLU	335	452	M18
▶ RS 510/E-EV BLU	335	452	M18
▶ RS 610/E-EV BLU	350	452	M18
▶ RS 810/E-EV BLU	400	495	M18

PACKAGING
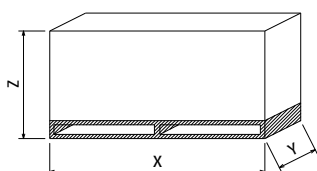
MODEL	X	Y	Z	kg
▶ RS 310/E-EV BLU	2040	1180	1125	250
▶ RS 410/E-EV BLU	2040	1180	1125	250
▶ RS 510/E-EV BLU	2040	1180	1125	250
▶ RS 610/E-EV BLU	2040	1180	1125	280
▶ RS 810/E-EV BLU	2140	1200	1346	300

LOW NOx GAS

Specification

DESIGNATION OF SERIES

A specific index guides your choice of burner from the various models available in the RS/M BLU series. Below is a clear and detailed specification description of the product.

Series:	R

Fuel:	S	Natural Gas
	L	Light oil
	LS	Light oil/Natural Gas
	N	Heavy oil

Size:

Setting:	/1	Single stage
	/B	Two stage
	/M	Modulating-Mechanical cam
	/E	Electronic cam
	/P	Proportioning air/gas valve
	/EV	Electronic cam predisposed for variable speed (with inverter)
	/EVi	Electronic cam with integrated inverter

Emission:	... or C01	Class 1 EN676
	MZ	Class 2 EN676
	BLU	Class 3 EN676
	MX	Class 3 EN676

Head length:	TC	standard head
	TL	extended head

Flame control system:	FS1	Standard/Intermittent (at least 1 stop every 24 h)
	FS2	Continuous (1 stop every 72 h)

Electrical supply to the system:	
1/230/50	1/230V/50Hz
3/230/50	3/230V/50Hz
3/400/50	3N/400V/50Hz
3/230-400/50	3/230V/50Hz – 3N/400V/50Hz
3/220/60	3/220V/60Hz
3/380/60	3N/380V/60Hz
3/220-380/60	3/220V/60Hz – 3N/380V/60Hz

Auxiliary voltage:	230/50-60	230V/50-60H
	110/50-60	110V/50-60Hz

R	S	510	/E	BLU	TC	FS1	3/230-400/50	230/50-60

BASIC DESIGNATION

EXTENDED DESIGNATION

RS 310-410-510-610-810/E-EV BLU SERIES

Specification

STATE OF SUPPLY

Monoblock forced draught Low NOx gas burners with two stage progressive or modulating operation, with a specific kit, fully automatic, made up of:
- Air suction circuit lined with sound-proofing material
- High performance fan with low sound emissions, forward curve blades
- Air damper for air flow setting and butterfly valve for regulating fuel output controlled by independent stepper motor actuators
- Air pressure switch
- Fan starting motor at 2900 rpm, three-phase 230/400 – 400/690 V with neutral, 50 Hz
- Combustion head, that can be set on the basis of required output, fitted with:
    - stainless steel end cone, resistant to corrosion and high temperatures
    - ignition electrodes; ionisation sensor for flame detection (or UV sensor on demand)
    - flame stability disk
- Maximum gas pressure switch, with pressure test point, for halting the burner in the case of over pressure on the fuel supply line
- Star/delta starter for the fan motor (Direct starter fan motor for RS 310-410 models)
- REC27 Digital Burner management system for air/fuel setting; with output PID modulation control as accessory (RS 310-410-510-610-810/E BLU)
- LMV52 Digital Burner management system for air/fuel setting and O_2 Control Ready; with output PID modulation control included (RS 310-410-510-610-810/E O_2 BLU)
- REC37 Digital Burner management system for air/fuel setting and Operation with Variable Speed Drive (VSD); with output PID modulation control as accessory (RS 310-410-510-610-810/EV BLU)
- LMV52 Digital Burner management system for air/fuel setting, O_2 Control Ready and Operation with Variable Speed Drive (VSD); with output PID modulation control included (RS 310-410-510-610-810/EV O_2 BLU)
- AZL Display Interface, for combustion system commissioning and monitoring
- Main electrical supply terminal board
- Burner on/off switch
- Manual or automatic output increase/decrease switch
- Contacts motor and thermal relay with release button
- Burner failure led signal and lighted release button
- Burner opening hinge
- Lifting rings
- IP 54 electric protection level

Standard equipment:

Gasket for gas train adaptor
Adaptor for gas train
Screws for fixing the gas train adaptor: M 16 x 70
Thermal insulation screen
M 18 x 60 screws to secure the burner flange to the boiler
Cable grommets kit for optional electrical wiring input
M16 x 6 studs for fixing the gas elbow to the pipe coupling
M16 nuts to fix the gas elbow to the pipe coupling
Instruction handbook for installation, use and maintenance
Spare parts catalogue

RS 310-410-510-610-810/E-EV BLU SERIES

Available models

Burners

Models with electronic cam (REC 27)

CODE	MODEL				HEAT OUTPUT NATURAL GAS		TOTAL ELECTRI-CAL POWER	CERTIFICATION	NOTE
					(KW)	(Nm³/h)	(KW)		
20065783	RS 310/E BLU	TC	FS1	3/400/50	400/1200-3630	40/120-363	8,8	CE-0085CP0166	(1) (2)
20068261	RS 310/E BLU	TC	FS1	3/400/50	400/1200-3630	40/120-363	9,1	CE-0085CP0166	(2)
20074257	RS 310/E BLU	TC	FS2	3/400/50	400/1200-3630	40/120-363	8,8	CE-0085CP0166	(1) (2)
20074254	RS 310/E BLU	TC	FS2	3/400/50	400/1200-3630	40/120-363	9,1	CE-0085CP0166	(2)
20056927	RS 410/E BLU	TC	FS1	3/400/50	500/1500-4450	50/150-445	10,6	CE-0085CP0166	(1) (2)
20068294	RS 410/E BLU	TC	FS1	3/400/50	500/1500-4450	50/150-445	10,6	CE-0085CP0166	(2)
20074258	RS 410/E BLU	TC	FS2	3/400/50	500/1500-4450	50/150-445	10,6	CE-0085CP0166	(1) (2)
20074256	RS 410/E BLU	TC	FS2	3/400/50	500/1500-4450	50/150-445	10,6	CE-0085CP0166	(2)
20056930	RS 510/E BLU	TC	FS1	3/400/50	680/1800-5250	68/180-525	13,9	CE-0085CP0166	(1) (2)
20074259	RS 510/E BLU	TC	FS2	3/400/50	680/1800-5250	68/180-525	13,9	CE-0085CP0166	(1) (2)
20056932	RS 610/E BLU	TC	FS1	3/400/50	1000/2200-6250	100/220-625	16,9	CE-0085CP0166	(1) (2)
20074252	RS 610/E BLU	TC	FS2	3/400/50	1000/2200-6250	100/220-625	16,9	CE-0085CP0166	(1) (2)

Models with electronic cam (REC 37)

CODE	MODEL				HEAT OUTPUT NATURAL GAS		TOTAL ELECTRICAL POWER	CERTIFICATION	NOTE
20160126	RS 810/E BLU	TC	FS1/FS2	3/400/50	1200/3500-8010	120/350-801	24,5	CE-0123CU1067	(1) (3)

Models with electronic cam (LMV 52) – O_2 Control Ready

CODE	MODEL				HEAT OUTPUT NATURAL GAS		TOTAL ELECTRI-CAL POWER	CERTIFICATION	NOTE
					(KW)	(Nm³/h)	(KW)		
20166002	RS 310/E O_2 BLU	TC	FS1/FS2	3/400/50	400/1200-3630	40/120-363	9,1	CE-0085CP0166	(2)
On demand	RS 310/E O_2 BLU	TL	FS1/FS2	3/400/50	400/1200-3630	40/120-363	9,1	CE-0085CP0166	(2)
20174926	RS 410/E O_2 BLU	TC	FS1/FS2	3/400/50	500/1500-4450	50/150-445	10,6	CE-0085CP0166	(2)
20179072	RS 410/E O_2 BLU	TC	FS1/FS2	3/400/50	500/1500-4450	50/150-445	10,6	CE-0085CP0166	(1) (2)
20158157	RS 410/E O_2 BLU	TL	FS1/FS2	3/400/50	500/1500-4450	50/150-445	10,6	CE-0085CP0166	(1) (2)
20174930	RS 510/E O_2 BLU	TC	FS1/FS2	3/400/50	680/1800-5250	68/180-525	13,9	CE-0085CP0166	(1) (2)
20156791	RS 510/E O_2 BLU	TL	FS1/FS2	3/400/50	680/1800-5250	68/180-525	13,9	CE-0085CP0166	(1) (2)
20174931	RS 610/E O_2 BLU	TC	FS1/FS2	3/400/50	1000/2200-6250	100/220-625	16,9	CE-0085CP0166	(1) (2)
On demand	RS 610/E O_2 BLU	TL	FS1/FS2	3/400/50	1000/2200-6250	100/220-625	16,9	CE-0085CP0166	(1) (2)
On demand	RS 810/E O_2 BLU	TC	FS1/FS2	3/400/50	1200/3500-8010	120/350-801	24,5	CE-0123CU1067	(1) (3)

Natural gas, net calorific value: 10 kWh/Nm³ – Density: 0,71 kg/Nm³
The burners of RS/E-EV BLU series are in according to 2016/426/EU – 2014/30/EU – 2014/35/EU – 2014/68/UE – 2006/42 EC Directive.
(1) Star delta starter.
(2) Seal control function is included on Burner Digital Management System; it is necessary to add the PVP kit on the gas train as Accessory (see Gas Train Accessories paragraph).
(3) Seal control function is included on Burner Digitai Management System; it is necessary to add the PVP kit (included as burner standard equipment) on the gas train. In case of matching with VGD 50/1 gas train, additional flange kit code 20185515 is needed.

Available models

Burners

Models with electronic cam (REC 37) – Operation with Variable Speed Drive (VSD)

CODE	MODEL				HEAT OUTPUT NATURAL GAS		TOTAL ELECTRI-CAL POWER	CERTIFICATION	NOTE
					(KW)	(Nm³/h)	(KW)		
20074269	RS 310/EV BLU	TC	FS1/FS2	3/400/50	400/1200–3630	40/120–363	9,1	CE–0085CP0166	(1) (2)
20074271	RS 410/EV BLU	TC	FS1/FS2	3/400/50	500/1500–4450	50/150–445	10,8	CE–0085CP0166	(1) (2)
20074272	RS 510/EV BLU	TC	FS1/FS2	3/400/50	680/1800–5250	68/180–525	14	CE–0085CP0166	(1) (2)
20074273	RS 610/EV BLU	TC	FS1/FS2	3/400/50	1000/2200–6250	100/220–625	17	CE–0085CP0166	(1) (2)
20160292	RS 810/EV BLU	TC	FS1/FS2	3/400/50	1200/3500–8010	120/350–801	24,5	CE–0123CU1067	(1) (3)

Models with electronic cam (LMV 52 – O_2 Control Ready) – Operation with Variable Speed Drive (VSD)

CODE	MODEL				HEAT OUTPUT NATURAL GAS		TOTAL ELECTRI-CAL POWER	CERTIFICATION	NOTE
					(KW)	(Nm³/h)	(KW)		
20166004	RS 310/EV O_2 BLU	TC	FS1/FS2	3/400/50	400/1200–3630	40/120–363	9,1	CE–0085CP0166	(1) (2)
20174935	RS 410/EV O_2 BLU	TC	FS1/FS2	3/400/50	500/1500–4450	50/150–445	10,6	CE–0085CP0166	(1) (2)
20174936	RS 510/EV O_2 BLU	TC	FS1/FS2	3/400/50	680/1800–5250	68/180–525	13,9	CE–0085CP0166	(1) (2)
20174937	RS 610/EV O_2 BLU	TC	FS1/FS2	3/400/50	1000/2200–6250	100/220–625	16,9	CE–0085CP0166	(1) (2)
20160293	RS 810/EV O_2 BLU	TC	FS1/FS2	3/400/50	1200/3500–8010	120/350–801	24,5	CE–0123CU1067	(1) (3)

Natural gas, net calorific value: 10 kWh/Nm³ – Density: 0,71 kg/Nm³
The burners of RS/E–EV BLU series are in according to 2016/426/EU – 2014/30/EU – 2014/35/EU – 2014/68/UE – 2006/42 EC Directive.
(1) Frequency Inverter to be ordered as separated accessory; please refer to "Burner Accessories" paragraph.
(2) Seal control function is included on Burner Digital Management System; it is necessary to add the PVP kit on the gas train as Accessory (see Gas Train Accessories paragraph).
(3) Seal control function is included on Burner Digitai Management System; it is necessary to add the PVP kit (included as burner standard equipment) on the gas train. In case of matching with VGD 50/1 gas train, additional flange kit code 20185515 is needed.

LOW NOx GAS

Available models

Gas Trains

GAS TRAIN			ADAPTER CODE				
CODE	MODEL	Ø	RS 310	RS 410	RS 510	RS 610	RS 810
3970250*	MB 415/1 – RT 52	Rp 1" ½	3000826 + 20064220	●	●	●	●
3970257*	MB 420/1 – RT 52	Rp 2"	3000826 + 20042324	●	●	●	●
20137718*	VGD 50/1 – RT 122 (1)	Rp 2"	(3000826 + 20042324) / 20068062 (2)			●	●
20140762*	VGD 65/1 – FT 122	DN 65 (2)	□				20059331 / (3010222+ 20059331) (3)
20140763*	VGD 80/1 – FT 122	DN 80	□				20059331 / (3010222+ 20059331) (3)
20169193*	VGD 100/1 – FT 122	DN 100	3010370				20059332 / (3010223 + 20059331) (3)
20169195*	VGD 125/1 – FT 122	DN 125	●	3010224			20059333 / (3010224 + 20059331) (3)

Please see designation of Gas Train Series in the page before the Catalogue index.
* 230V/50Hz –220V/60Hz electrical supply.
** 230V/50Hz electrical supply.
The valves seal control device is compulsory (conforming to EN 676) on gas trains to burners with a maximum output over 1200 kW.
The seal control function is managed by REC control box, by installation on gas train of a pressure switch (please see Gas train accessories paragraph).
To select the gas train please refer to the technical data leafl et and/or instruction manual.
(1)   Additional flange kit code 20185515 needed for seal control function.
(2)   øin = DN 65, øout = DN 80
(3)   To be used with gas train and burner opening on the left (fan motor side).
●   Not available.
□   Additional adapter not necessary, the gas train may be connected directly to the burner.

Burner accessories

Accessories for modulating operation

POWER CONTROLLER

To obtain modulating operation, RS/E-EV BLU burners equipped with REC27-37 control box require a regulator with three point outlet controls.
The following table lists the accessories for modulating operation with their application range.
For remote setpoint use RWF 55.
In the RS/E-EV BLU burners equipped with Siemens LMV52, the PID regulator s integrated inside the control box.

BURNER	TYPE	KIT CODE
▶ All models equipped with REC27-37 control box	RWF 50.2 - Basic version with 3 position output	20085417
	RWF 55.5 - Complete with RS-485 interface	20074441
	RWF 55.6 - Complete with RS-485/ PROFIBUS interface	20074442

PROBE

The relative temperature or pressure probes fitted to the power controller must be chosen on the basis of the application.

BURNER	TYPE	RANGE (°C) (BAR)	KIT CODE
▶ All models	Temperature PT 100	-100 ÷ 500°C	3010110
	Pressure 4 ÷ 20 mA	0 ÷ 2,5 bar	3010213
	Pressure 4 ÷ 20 mA	0 ÷ 16 bar	3010214
	Pressure 4 ÷ 20 mA	0 ÷ 25 bar	3090873

Continuous ventilation kit

If the burner requires continuous ventilation in the stages without flame, a special kit is available as given in the following table:

BURNER	KIT CODE
▶ All models	20074542

Pc interface kit

To connect the control panel to a personal computer for the transmission of operation, fault signals and detailed service information, an interface adapter with PC software are available.

BURNER	KIT CODE
▶ All models equipped with REC27-37 control box	3010436
▶ All models equipped with LMV52 control box	3010388

Burner accessories

Infrared Flame Detector (IFD)

The models RS310-810/EV BLU equipped with LMV52 control, can be equipped with infrared flame detector.

GAS TRAIN	CODE (*)
▶ RS 310-410-510-610-810/EV BLU	20181871

(*) CE approval on field is required

Variable Speed Drive (VSD) for RS/EV series only

The motor speed variation for the RS/EV BLU burners series is obtained thanks to a frequency converter: variable speed drive (VSD), provided with a programming panel with start-up assistant. It always must be ordered with RS/EV series.

BURNER	ELECTRICAL SUPPLY	MOTOR POWER (kW)	INVERTER POWER (kW)	KIT CODE
▶ RS 310/EV	230	7,5	7,5	On demand
▶ RS 310/EV	400	7,5	7,5	20163074
▶ RS 410/EV	230	9,2	11	20184963
▶ RS 410/EV	400	9,2	11	20163093
▶ RS 510/EV	400	12	15	20163096
▶ RS 610/EV	400	15	15	20163096
▶ RS 810/EV	400	22	22	20163099

The use of inverters other than those indicated by the manufacturer may lead to burner failure and, in extreme cases, a potential risk of ham to people and damage to property.
The manufacturing company shall not be liable for any such demage arising from non-observance of the requirements contained in the burner manual.

OCI412 interface kit

Interface kit between the REC27-37 and a Modbus system, such as a building automation and control system (BACS).
The Modbus interface is based on the RS-485 standard.

BURNER	KIT CODE
▶ All models equipped with REC27-37 control box	3010437

Sound proofing box
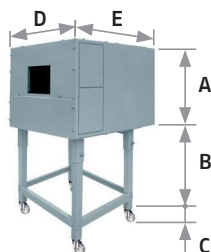
If noise emission needs reducing even further, sound-proofing boxes are available.
When a lower "B" dimension is required, it is available the Box Support Kit code 20065135 which allows to reduce it at the fixed dimension of 55 mm.
The sound-proofing boxes are not suitable for outdoor use.

BURNER	BOX TYPE	A (mm)	B (mm) min. - max	C (mm)	D (mm)	E (mm)	[dB(A)] (*)	KIT CODE
▶ RS 310-410/E-EV	C7	1255	160 - 980	110	1140	1345	10	3010376
▶ RS 610/E-EV	C7 PLUS	1255	270 - 1090	110	1240	1345	10	20085111
▶ RS 310-410/E-EV RS 510/E-EV	C7	1255	165	110	1140	1345	10	20027778
▶ RS 810/E-EV	C7	1310	160 - 960	110	1600	1350	10	20177776

(*) Average noise reduction according to EN 15036-1 standard

Burner accessories

Oxygen Control kit (QGO₂) for RS/E-EV BLU burners with LMV52 control box only series only

The QGO_2 is an oxygen analizer with relevant probe which controls and supervises the residual oxygen content in exhaust gases.

BURNER	KIT CODE
▶ All models equipped with LMV52 control box	20045187*

An additional transformer kit is needed to guarantee the power supply to the PLL device in case of installation where the distance between the last servomotor and the PLL kit is greater than 20 meters.
Please contact Riello Burners Commercial and Technical Department, our Application Engineers will be pleased to help you.
* Installation outside the burner cover

Kit efficiency with oxygen control kit (RS/E-EV BLU burners with LMV52 control box only)

The kit includes two temperature sensors: one for air and one for exhaust gas detection. They must be wired to oxygen control kit interface to allow the LMV 52 efficiency calculation. The value is showed on AZL display.

BURNER	KIT CODE
▶ All models equipped with LMV52 control box	3010377

Spacer kit

If burner head penetration into the combustion chamber needs reducing, varying thickness spacers are available, as given in the following table:

BURNER	SPACER THICKNESS S (mm)	KIT CODE
▶ All models	180	20008903

Gas train accessories

Stabiliser spring

To vary the pressure range of the gas train stabilisers, accessory springs are available. 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
	Neutral	0 – 22	20181839
▶ VGD/1 series	Yellow	15 – 120	20141900
	Red	100 – 250	20141901
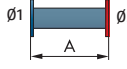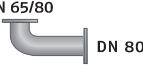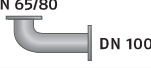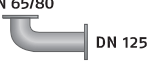
Gas train accessories

Adapters

In certain cases, an adapter must be fitted between the gas train and the burner, when the diameter of the gas train is different from the set diameter of the burner. Below are given the available adapters; please see on the Gas Train list the correct adapter codes to select.

ADAPTER	DIMENSIONS Ø1 DN	Ø2 DN	A mm	ADAPTER CODE
1" 1/2 2"	–	–	65	20064220
2" 2"	–	–	65	20042324
DN 80 2" 1/2 2"	–	–	300	3000826
Ø1 Ø2 A	80	80	400	3010222
	100	80	400	3010223
	125	80	320	3010224
DN 100 DN 80	100	80	50	3010370
DN 80/65 2"	2"	65/80	780	20068062
DN 65/80 DN 80			230	20059331
DN 65/80 DN 100			230	20059332
DN 65/80 DN 125			245	20059333

PVP (pressure valve proving kit)
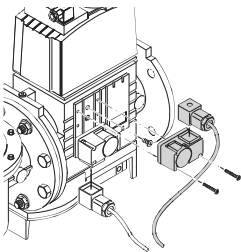
The seal control function is included on Burner Digital Management System, it is only necessary to add the PVP kit on the gas train.
The PVP is included as standard equipment on RS 810/E-EV BLU models.

GAS TRAIN	KIT CODE
▶ All MB models, VGD 65/1 – 80/1 – 100/1 – 125/1	3010344 (*)
▶ VGD 50/1	3010344 + 20185515 (**)

(*) Code 3010344 not necessary for RS 810/E-EV BLU, where it is included as a standard.

(**) Code 20185515 always needed in case of seal control needed for VGD 50/1 gas train. Code 3010344 not necessary for RS 810/E-EV BLU, where it is included as a standard.