



CE

ONE STAGE GAS BURNERS

▶ RIELLO 40 GS SERIES

▶ GS3	11 ÷ 35 kW
▶ GS5	18 ÷ 58 kW
▶ GS10	42 ÷ 116 kW
▶ GS20	81 ÷ 220 kW



The Riello 40 GS series of one stage gas burners, is a complete range of products developed to respond to any request for home heating. The Riello 40 GS series is available in four different models, with an output ranging from 11 to 220 kW, divided in four different structures.

All the models use the same components designed by Riello for the Riello 40 GS series. The high quality level guarantees safe working.

In developing these burners, special attention was paid to reducing noise, to the ease of installation and adjustment, to obtaining the smallest size possible to fit into any sort of boiler available on the market.

All the models are approved by the EN 676 European Standard and conform to European Directives for EMC, Low Voltage, Machinery and Boiler Efficiency.

All the Riello 40 GS burners are tested before leaving the factory.

TECHNICAL DATA

Model		▼ GS3	▼ GS5	▼ GS10	▼ GS20
Burner operation mode		One stage			
Modulation ratio at max. output		--			
Servomotor	type	R.B.L.			
	run time	6 ÷ 28			
Heat output	kW	11 - 35	18 - 58	42 - 116	81 - 220
	Mcal/h	9,5 - 30	15,5 - 50	36 - 100	70 - 189
Working temperature		°C min./max. 0/40			
Net calorific value G20 gas		kWh/Nm ³ 10			
G20 gas density		kg/Nm ³ 0,71			
G20 gas delivery		1,1 - 3,5	1,8 - 5,8	4,2 - 11,6	8,1 - 22
Net calorific value G25 gas		kWh/Nm ³ 8,6			
G25 gas density		kg/Nm ³ 0,78			
G25 gas delivery		1,3 - 4	2,1 - 6,7	4,9 - 13,4	9,4 - 25,6
Net calorific value LPG gas		kWh/Nm ³ 25,8			
LPG gas density		kg/Nm ³ 2,02			
LPG gas delivery		0,4 - 1,4	0,7 - 2,2	1,6 - 4,4	3,1 - 8,5
Fan		type Centrifugal with forward curve blades			
Air temperature		Max. °C 40			
Electrical supply		Ph/Hz/V 1/50/230 ±10%			
Auxiliary electrical supply		Ph/Hz/V -			
Control box		type 525 SE/5	525 SE/3	RMG 88.620A2	RMG 88.620A2
Total electrical power		kW 0,100	0,110	0,130	0,250
Auxiliary electrical power		kW -			
Protection level		IP 40			
Motor electrical power		kW 0,09	0,09	0,09	0,09
Rated motor current		A 0,6	0,65	0,7	1,4
Motor start up current		A 2,4	2,6	2,8	5,6
Motor protection level		IP 20			
Ignition transformer		type Incorporated in the control box		Separated from the control box	
		V1 - V2 (-) - 8 kV		230 V - 8 kV	
		I1 - I2 (-) - 12 mA		1,8 A - 30 mA	
Operation		Intermittent (at least one stop every 24 h)			
Sound pressure		dB(A) 55	58	65	72
Sound power		W -			
CO emission		mg/kWh < 40			
NOx emission		mg/kWh ≤ 120			
Directive		90/396/EEC, 89/336/EEC, 73/23/EEC, 98/37/EEC, 92/42/EEC			
Conforming to		EN 676			
Certification		CE - 0063 AP6680			

Reference conditions:

Temperature: 20 °C

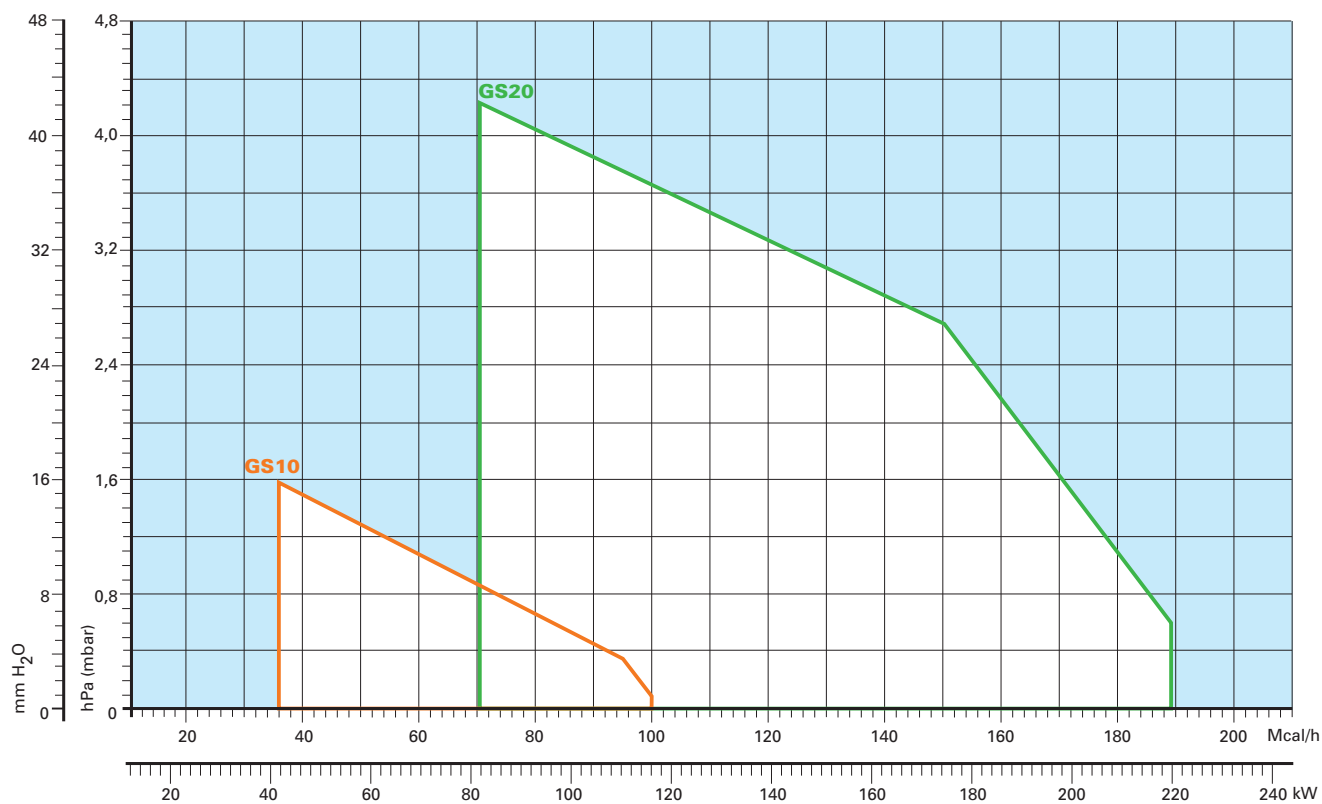
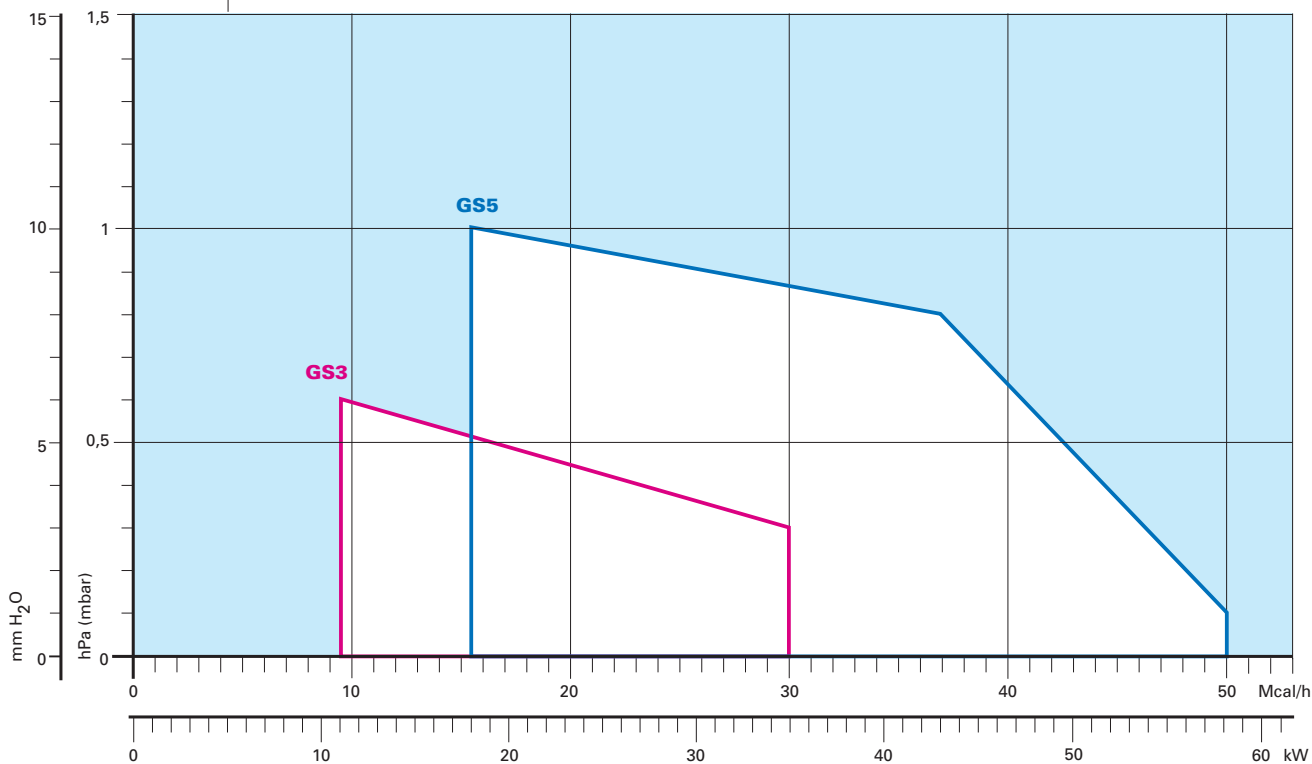
Pressure: 1013,5 mbar

Altitude: 100 m a.s.l.

Noise measured at a distance of 1 meter.

Since the Company is constantly engaged in the production improvement, the aesthetic and dimensional features, the technical data, the equipment and the accessories can be changed.
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FIRING RATES



Useful working field for choosing the burner

Test conditions conforming to EN 676:

Temperature: 20 °C
 Pressure: 1013,5 mbar
 Altitude: 100 m a.s.l.





FUEL SUPPLY

GAS TRAIN

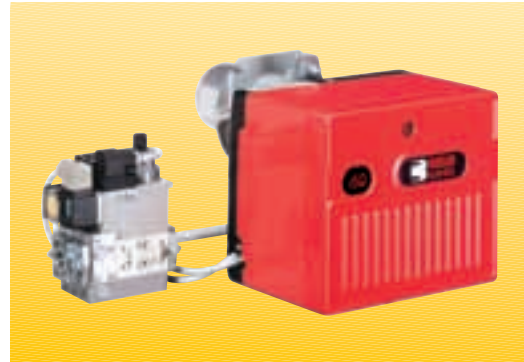
The burners are set for gas supply from either the right or left hand sides.

Depending on the fuel output and the available pressure in the supply line, you should check the correct gas train to be adapted to the system requirements.

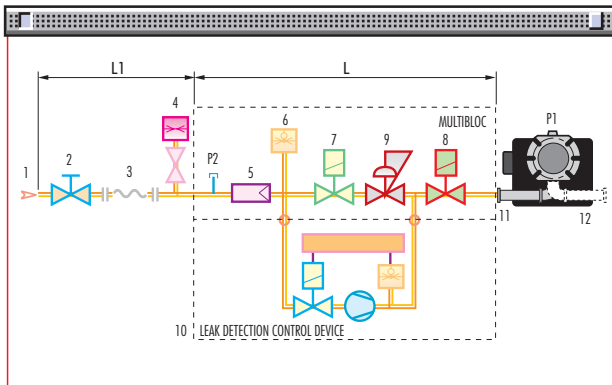
The gas train is Multibloc type, containing the main components in a single unit.

Except for the MBC 65 DLE model, a valve seal control (as accessory) can be fitted to the Multibloc gas trains.

The MBC 65 DLE Multibloc gas train can be fitted only to the left of the burner.

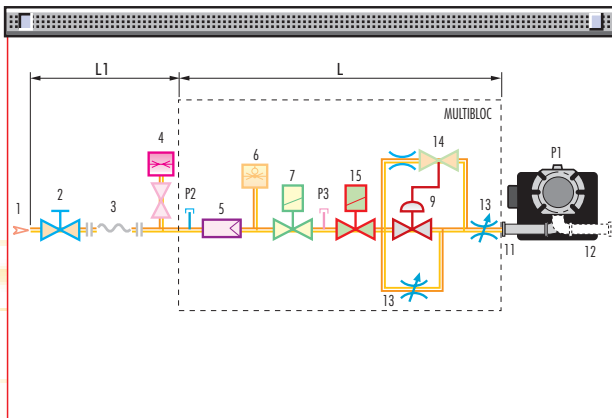


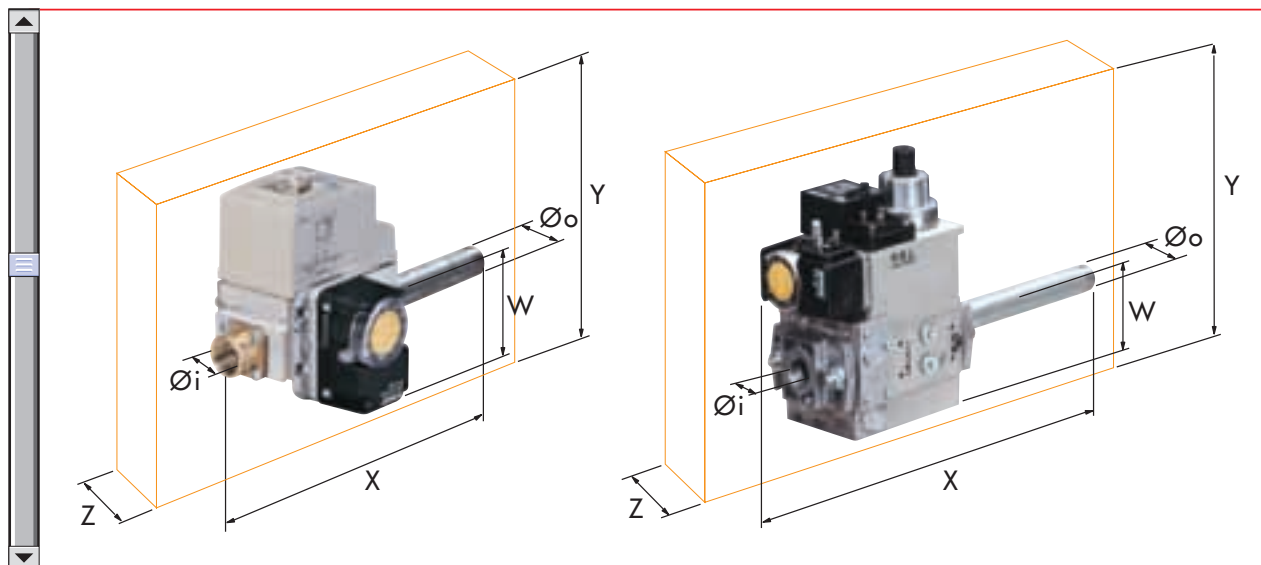
MBDLE 403 - 405 - 407 - 410



1	Gas delivery pipe
2	Manual valve
3	Vibration damping joint
4	Gas pressure gauge
5	Filter
6	Gas pressure switch
7	Safety solenoid
8	Adjustment solenoid: firing delivery adjustment (rapid opening) maximum delivery adjustment (slow opening)
9	Pressure regulator
10	Leak detection control device for valves 7 and 8 (accessory)
11	Gas train-burner adapter
12	Burner
13	Shutter with adjustment screws
14	Pressure regulator setting device
15	Regulation solenoid
P1	Combustion head pressure
P2	Upstream pressure from the filter
P3	Upstream pressure from the control valve
L	Gas train supplied separately
L1	To be performed by the installer

MBC 65 DLE





The dimensions of the gas trains vary depending on their construction features. The following table shows the dimensions of the gas trains that can be fitted to Riello 40 GS burners, intake and outlet diameters.

	Name	Code	Ø i	Ø o	X mm	Y mm	W mm	Z mm
MULTIBLOC	MBC 65 DLE	3970569	1/2"	1/2"	307	155	31	122
	MBDLE 403	3970533	1/2"	1/2"	275	136	26	100
	MBDLE 405	3970530	1/2"	1/2" (*)	321	186	46	120
	MBDLE 405	3970500	3/4"	3/4"	371	186	46	120
	MBDLE 407	3970531	3/4"	3/4"	371	186	46	120
	MBDLE 410	3970532	1"	3/4"	405	221	55	145

(*) With 1/2" - 3/4" reduction nipple supplied.

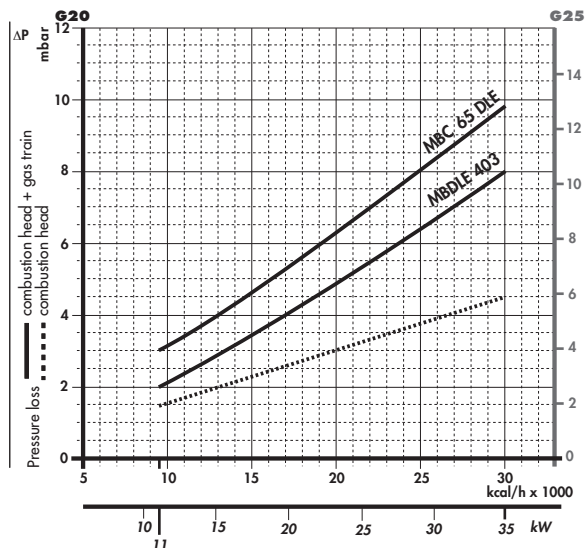


► PRESSURE DROP DIAGRAM

The diagrams indicate the minimum pressure drop of the burners with the various gas trains that can be combined with them; the values thus calculated represents the minimum required input pressure to the gas train.

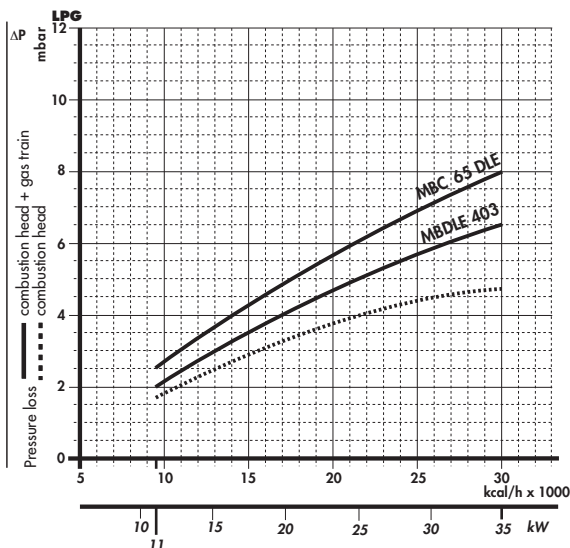
NATURAL GAS

GS3



LPG

GS3



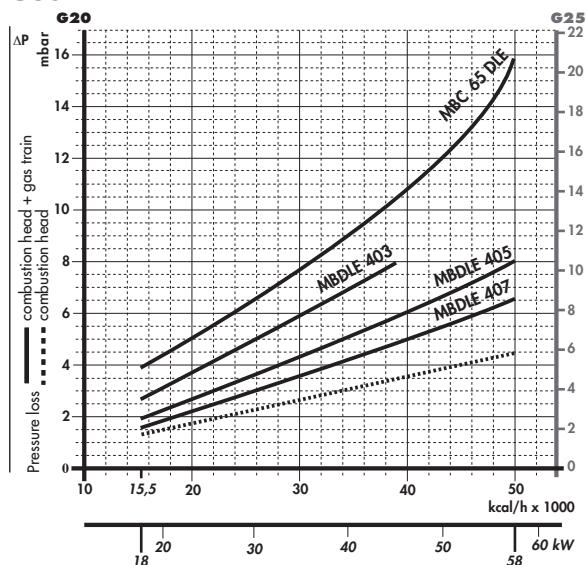
Gas train	Code	Terminal strip	Plug and socket
MBC 65 DLE	3970569		•

Gas train	Code	Terminal strip	Plug and socket
MBDLE 403	3970533		•

With installed plug (if the plug is not necessary, remove it in accordance with gas train instruction manual indication).

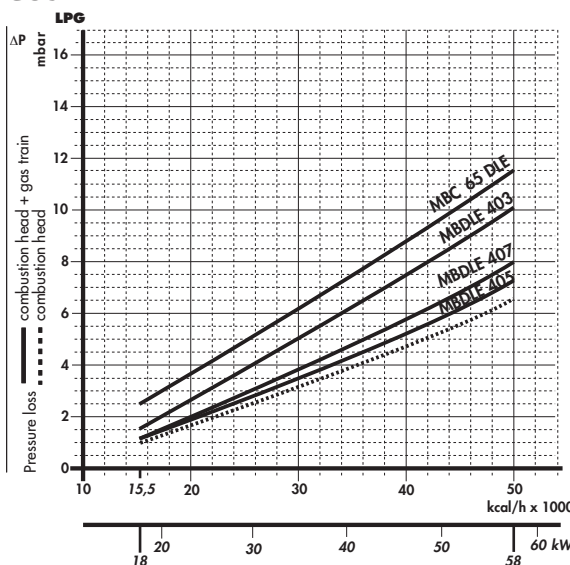
NATURAL GAS

GS5



LPG

GS5



Gas train	Code	Output kW	Terminal strip	Plug and socket
MBC 65 DLE	3970569	-		•
MBDLE 403	3970533	≤ 45 (*)		•

Gas train	Code	Terminal strip	Plug and socket
MBDLE 405	3970530		•
MBDLE 407	3970531		•

(*) With natural gas.

With installed plug (if the plug is not necessary, remove it in accordance with gas train instruction manual indication).

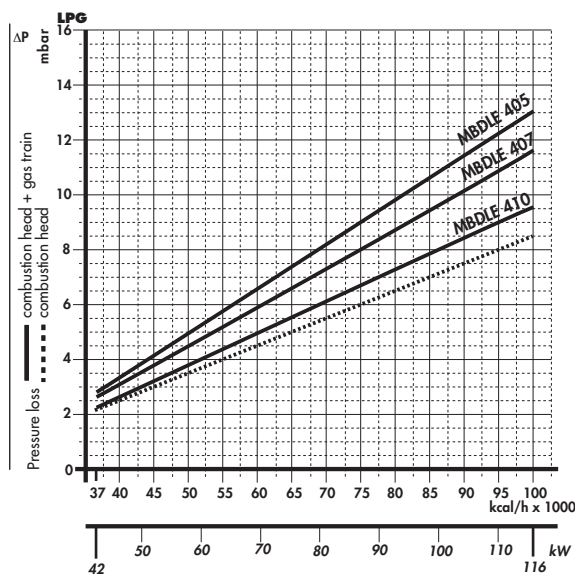
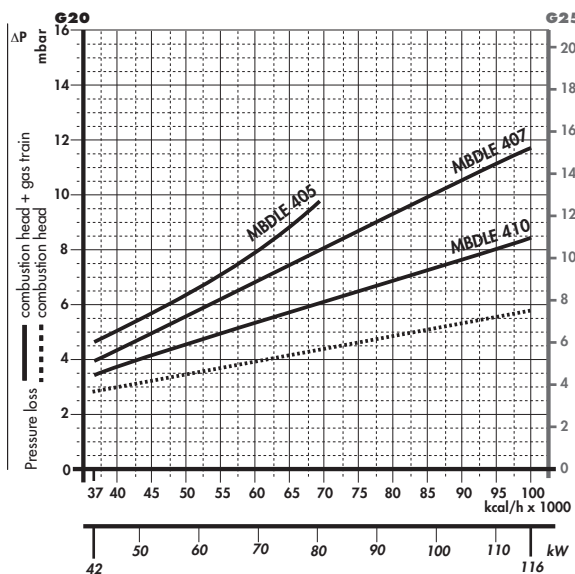


NATURAL GAS

LPG

GS10

GS10



Gas train	Code	Output kW	Terminal strip	Plug and socket
MBDLE 405	3970500	≤ 80 (*)		•
MBDLE 407	3970531	-		•
MBDLE 410	3970532	-		•

(*) With natural gas.

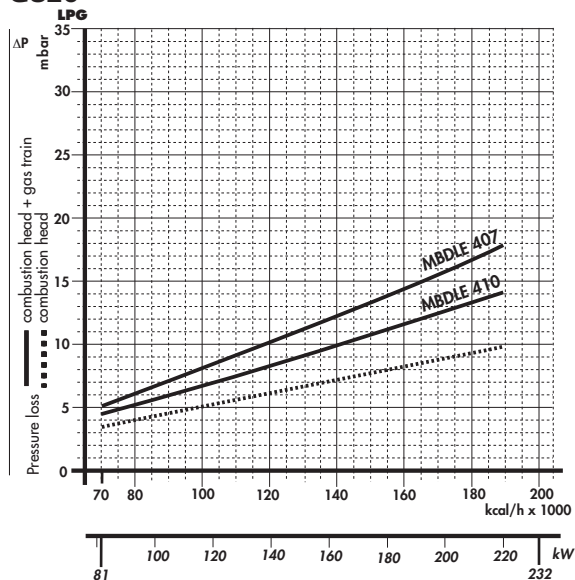
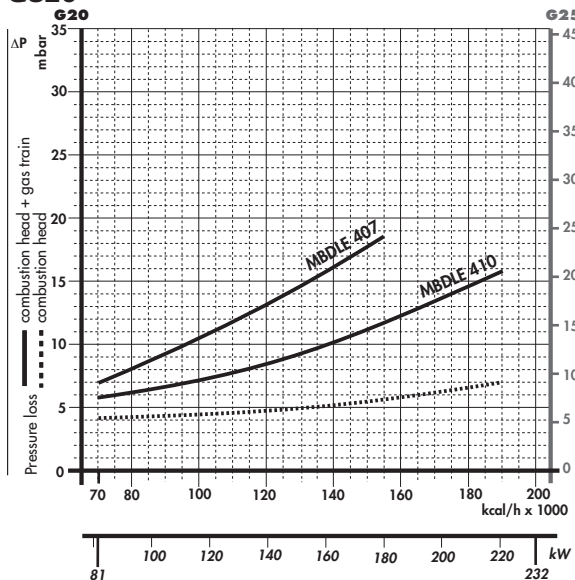
With installed plug (if the plug is not necessary, remove it in accordance with gas train instruction manual indication).

NATURAL GAS

LPG

GS20

GS20



Gas train	Code	Output kW	Terminal strip	Plug and socket
MBDLE 407	3970531	≤ 180 (*)		•

Gas train	Code	Terminal strip	Plug and socket
MBDLE 410	3970532		•

(*) With natural gas.

With installed plug (if the plug is not necessary, remove it in accordance with gas train instruction manual indication).

note For pressure levels different from those indicated above, please contact Riello Burners Technical Office. In LPG plants, Multibloc gas trains do not operate below 0°C. They are only suitable for gaseous LPG (liquid hydrocarbons destroy the seal materials).





SELECTING THE FUEL SUPPLY LINES

The following diagram enables pressure drop in a pre-existing gas line to be calculated and to select the correct gas train.

The diagram can also be used to select a new gas line when fuel output and pipe length are known. The pipe diameter is selected on the basis of the desired pressure drop. The diagram uses methane gas as reference; if another gas is used, conversion coefficient and a simple formula (on the diagram) transform the gas output to a methane equivalent (refer to figure A). Please note that the gas train dimensions must take into account the back pressure of the combustion chamber during operations.

Control of the pressure drop in an existing gas line or selecting a new gas supply line.

The methane output equivalent is determined by the formula fig. A on the diagram and the conversion coefficient.

Once the equivalent output has been determined on the delivery scale (\dot{V}), shown at the top of the diagram, move vertically downwards until you cross the line that represents the pipe diameter; at this point, move horizontally to the left until you meet the line that represents the pipe length.

Once this point is established you can verify, by moving vertically downwards, the pipe pressure drop of on the bottom scale below (mbar).

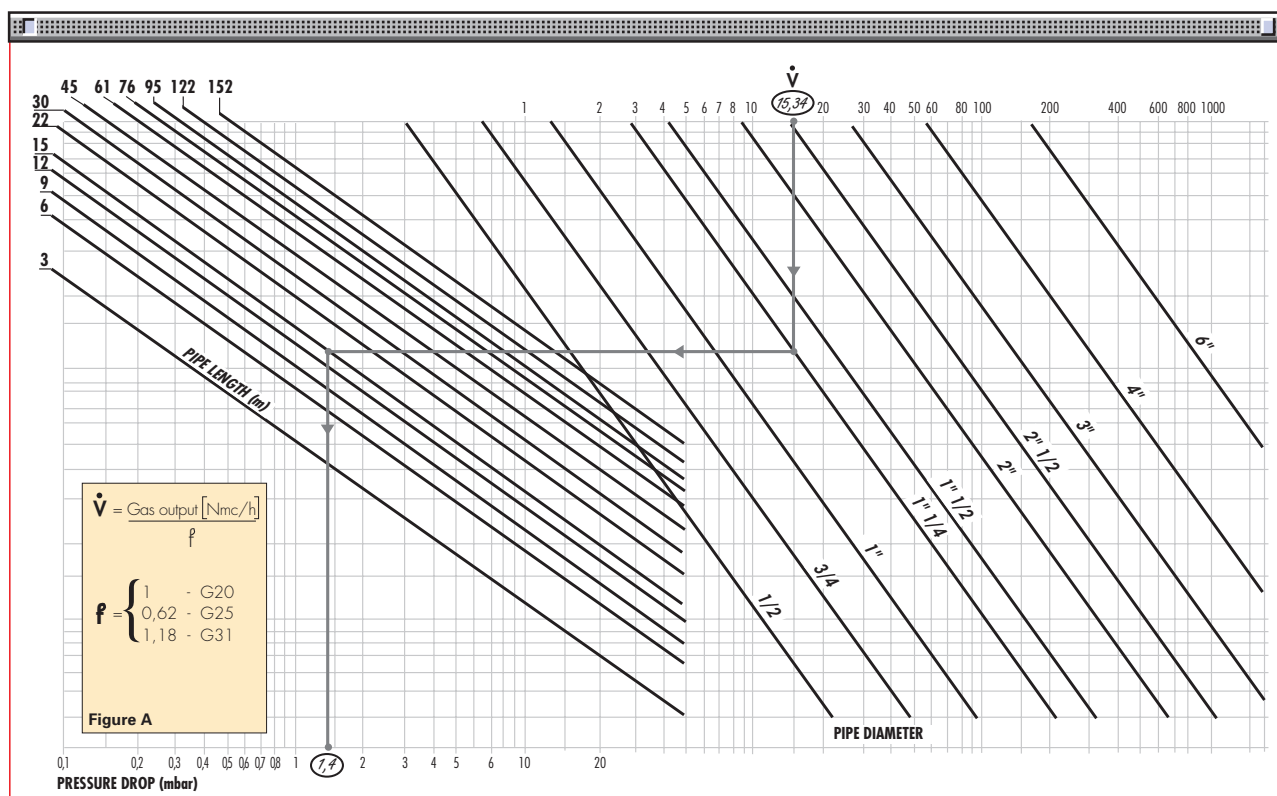
By subtracting this value from the pressure measured on the gas meter, the correct pressure value will be found for the choice of gas train.

Example:

- gas used G25
- gas output 9.51 mc/h
- pressure at the gas meter 20 mbar
- gas line length 15 m
- conversion coefficient 0.62 (see figure A)

- equivalent methane output $\dot{V} = \left[\frac{9.51}{0.62} \right] = 15.34 \text{ mc/h}$

- once the value of 15.34 has been identified on the output scale (\dot{V}), moving vertically downwards you cross the line that represents 1" 1/4 (the chosen diameter for the piping);
- from this point, move horizontally to the left until you meet the line that represents the length of 15 m of the piping;
- move vertically downwards to determine a value of 1.4 mbar in the pressure drop bottom scale;
- subtract the determined pressure drop from the meter pressure, the correct pressure level will be found for the choice of gas train;
- correct pressure = (20-1.4) = 18.6 mbar



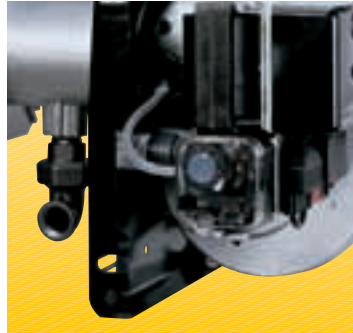
VENTILATION

The different ventilation circuits always ensure low noise levels with high performance of pressure and air delivery, inspite of their compact size.

The burners are fitted with an adjustable air pressure switch, conforming to EN 676 standards.



Air suction



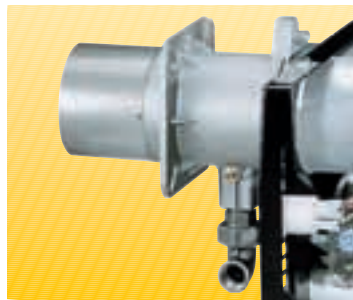
Air pressure switch

COMBUSTION HEAD

The combustion head in Riello 40 GS burners is the result of an innovative design, which allows combustion with low polluting emissions, while being easy to adapt to all the various types of boilers and combustion chambers.



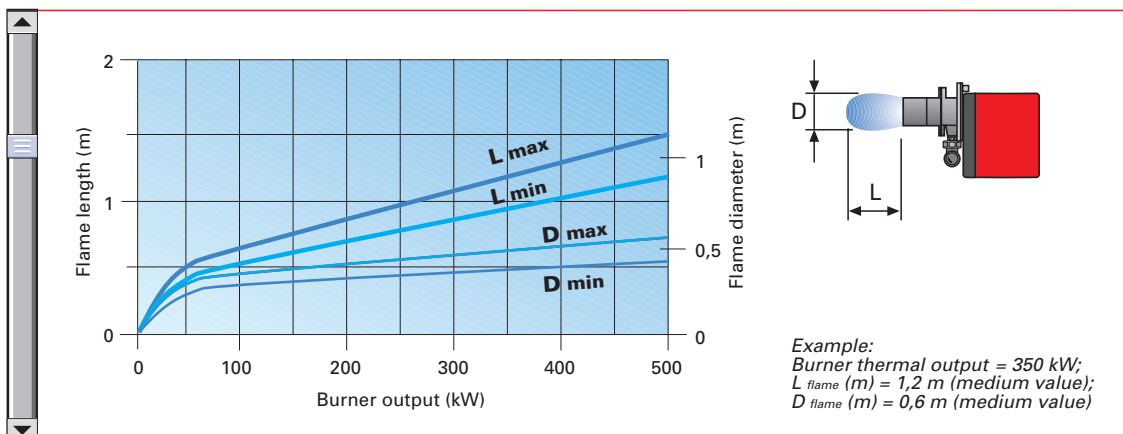
Combustion head



Flange

Simple adjustment allows the internal geometry of the combustion head to be adapted to the burner output.

Dimensions of the flame



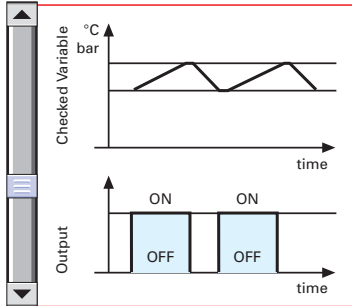


ADJUSTMENT

► BURNER OPERATION MODE

All these models are one stage operation.

One stage operation



Air damper partially open



Air damper completely open

The GS10 and GS20 models are fitted with a new microprocessor control panel for the supervision during intermittent operation.

For helping the commissioning and maintenance work, there are two main elements:

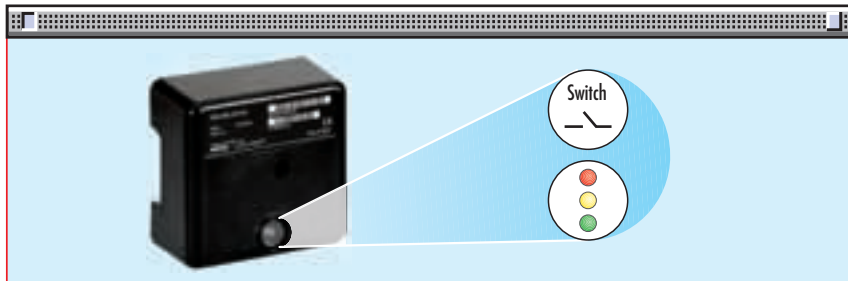


The lock-out reset button is the central **operating element** for resetting the burner control and for activating / deactivating the diagnostic functions.



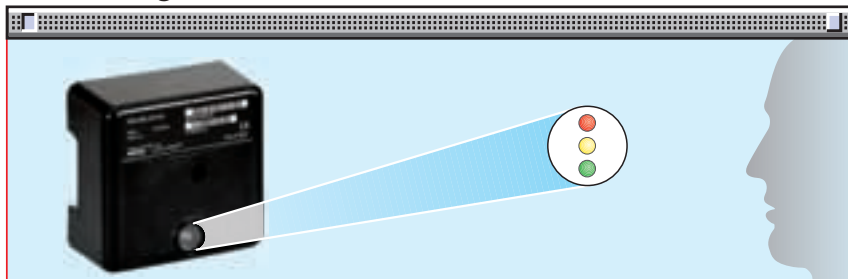
The multi-color LED is the central **indication element** for visual diagnosis and interface diagnosis.

Both elements are located under the transparent cover of lock-out reset button, as showed below.



There are two diagnostic choices, for indication of operation and diagnosis of fault cause:

- visual diagnosis :



- interface diagnosis :



by the interface adapter and a PC with dedicated software or by a predisposed flue gas analyzer (see paragraph accessories).



Indication of operation :

In normal operation, the various statuses are indicated in the form of colour codes according to the table below.
The interface diagnosis (with adapter) can be activated by pressing the lock-out button for > 3 seconds.

Color code table	
Operation statuses	Color code table
Stand-by	○ ○ ○ ○ ○ ○ ○ ○
Pre-purging	☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀
Ignition phase	☀ ○ ☀ ○ ☀ ○ ☀ ○
Flame OK	☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀
Poor flame	☀ ○ ☀ ○ ☀ ○ ☀ ○
Undervoltage, built-in fuse	☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀
Fault, alarm	☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀
Extraneous light	☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀

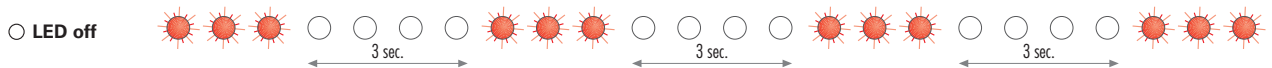
○ LED off

Diagnosis of fault causes :

After lock-out has occurred, the red signal lamp is steady on. In this status, the visual fault diagnosis according to the error code table can be activated by pressing the lock-out reset button for > 3 seconds.
The interface diagnosis (with adapter) can be activated by pressing again the lock-out button for > 3 seconds.

The blinkers of red LED are a signal with this sequence :

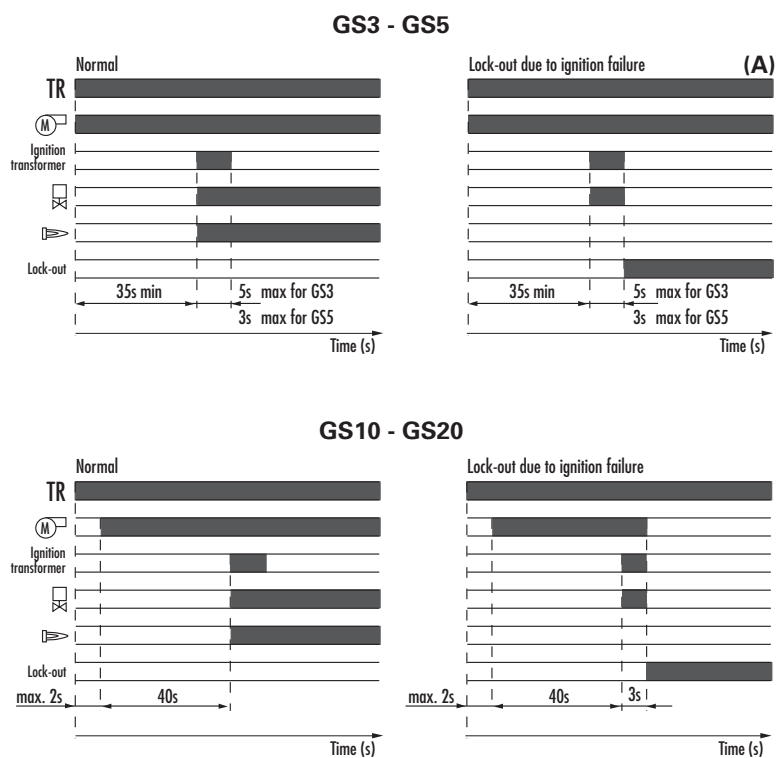
(e.g. signal with n° 3 blinks – faulty air pressure monitor)



Error code table	
Possible cause of fault	Blink code
No establishment of flame at the end of safety time : - faulty or soiled fuel valves - faulty or soiled flame detector - poor adjustment of burner, no fuel - faulty ignition equipment	☀ ☀ ☀
Faulty air pressure monitor	☀ ☀ ☀ ☀
Simulation of flame on burner start up	☀ ☀ ☀ ☀ ☀
Loss of flame during operation : - faulty or soiled fuel valves - faulty or soiled flame detector - poor adjustment of burner	☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀
Wiring error or internal fault	☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀ ☀



▶ START UP CYCLE



(A) Lock-out is shown by a led on the appliance.

Correct operation for GS3 and GS5 models

- 0s The burner begins the ignition cycle
- 0s-35s Pre-purge with the air damper open
- 35s Ignition

Lock-out due to ignition failure

If the flame does not light within the safety limit (3s for GS3 model and 5s for GS5 model) the burner locks-out.

Correct operation for GS10 and GS20 models

- 0s The burner begins the ignition cycle
- 0s-2s Safety time
- 2s-42s Pre-purge with the air damper open
- 42s Ignition

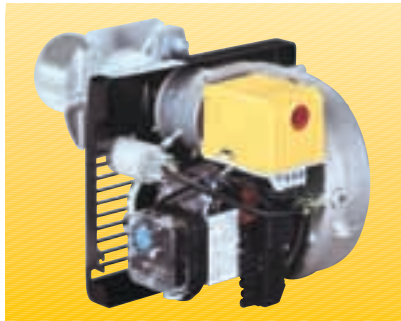
Lock-out due to ignition failure

If the flame does not light within the safety limit (3s) the burner locks-out.

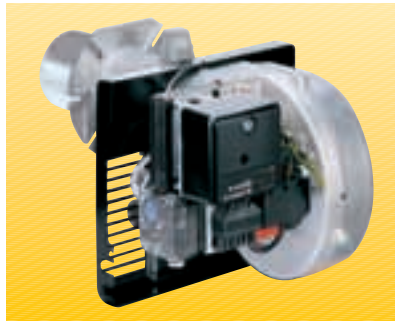
When flame-failure occurs during working, shut down takes place within one second.

WIRING DIAGRAMS

Electrical connections must be made by qualified and skilled personnel in conformity with the local regulations in force.
All the models are fitted with 7 and 6 pole sockets.



Control box fitted with an ignition transformer in GS3 and GS5 models

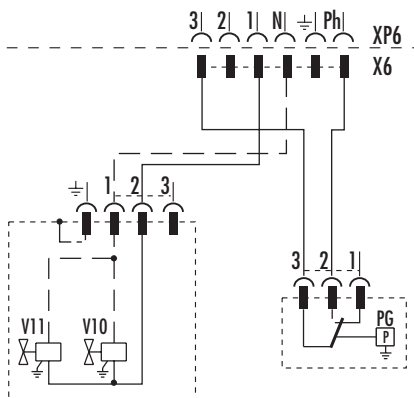


In GS10 and GS20 models the control box is separated from the ignition transformer

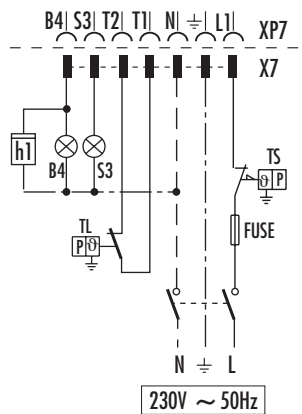
ONE STAGE OPERATION

GS5 - GS10 - GS20

Gas train electrical wiring



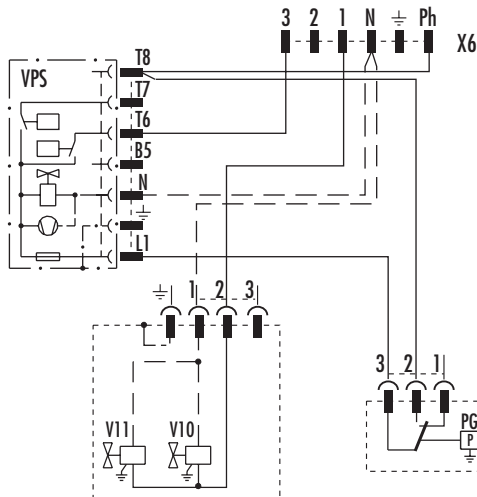
Burner electrical wiring



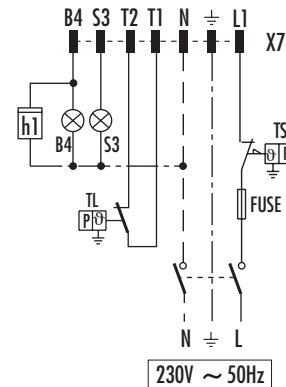
- XP6** - 6 pole socket
- XP7** - 7 pole socket
- X6** - 6 pin plug
- X7** - 7 pin plug
- B4** - Working signal
- h1** - Hour counter
- PG** - Minimum gas pressure switch
- S3** - Remote lock-out signal (230V - 0,5A max.)
- TL** - Limit thermostat
- TS** - Safety thermostat
- V10** - Safety valve
- V11** - Adjustment valve

Electrical wiring with gas leak control device (DUNGS VPS 504)

Gas train electrical wiring



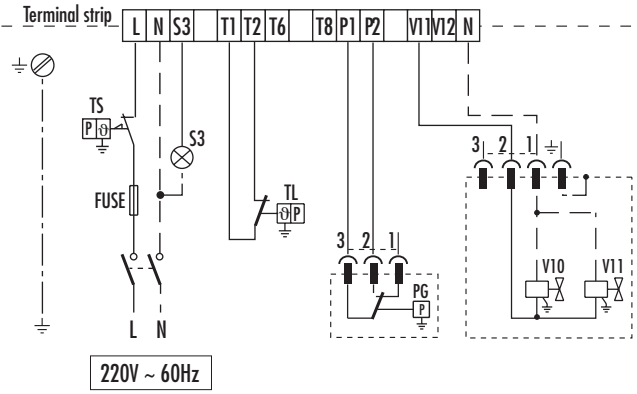
Burner electrical wiring



- XP6** - 6 pole socket
- XP7** - 7 pole socket
- X6** - 6 pin plug
- X7** - 7 pin plug
- B4** - Working signal
- h1** - Hour counter
- PG** - Minimum gas pressure switch
- S3** - Remote lock-out signal (230V - 0,5A max.)
- TL** - Limit thermostat
- TS** - Safety thermostat
- V10** - Safety valve
- V11** - Adjustment valve

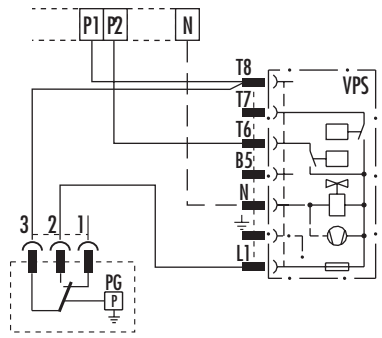


GS3 - GS5 - GS10 - GS20



- PG** - Minimum gas pressure switch
- S3** - Remote lock-out signal (220V - 0,5A max.)
- TL** - Limit thermostat
- TS** - Safety thermostat
- V10** - Safety valve
- V11** - Adjustment valve

Electrical wiring with gas leak control device (DUNGS VPS 504)



- PG** - Minimum gas pressure switch
- S3** - Remote lock-out signal (220V - 0,5A max.)
- TL** - Limit thermostat
- TS** - Safety thermostat
- V10** - Safety valve
- V11** - Adjustment valve

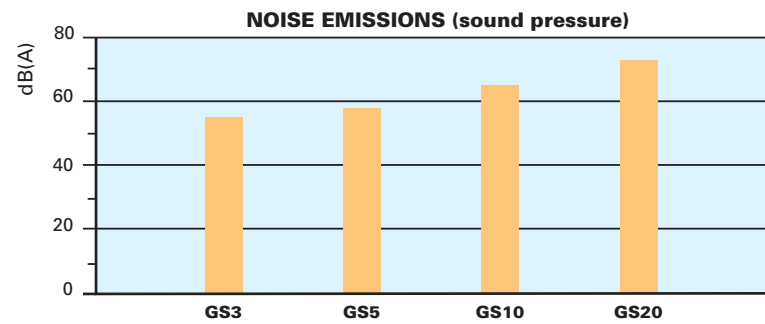
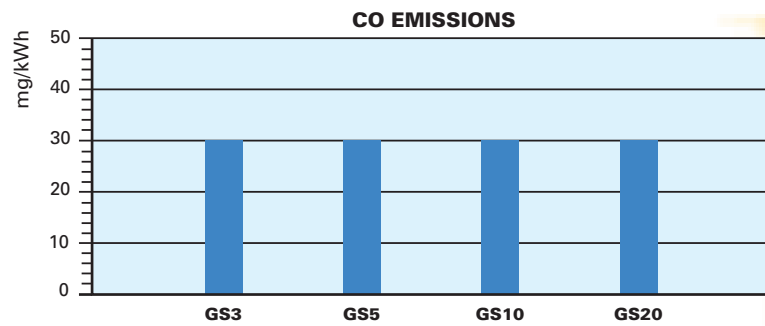
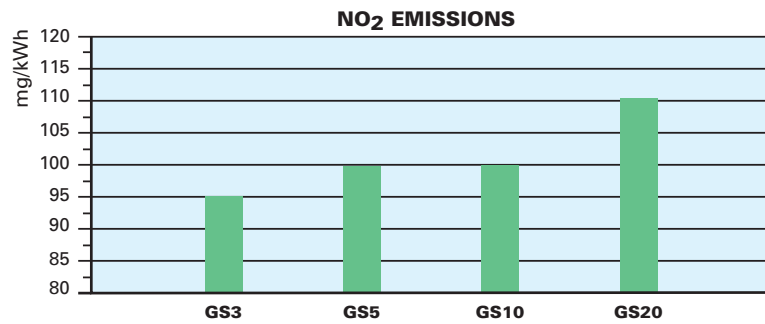
The following table shows the supply lead sections and types of fuse to be used.

Model	▼ GS3	▼ GS5	▼ GS10	▼ GS20
	230V	230V	230V	230V
F A	6	6	T6	T6
L mm ²	1	1	1	1

F = Fuse L = Lead section

EMISSIONS

The emission data have been measured in the various models at maximum output, in conformity with EN 676 standard.



Special attention has been paid to noise reduction. All models are fitted with sound-proofing material inside the cover.

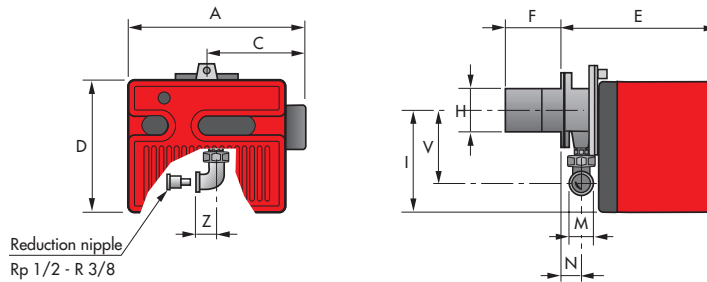




OVERALL DIMENSIONS (mm)

These models are distinguished by their reduced size, in relation to the outputs achieved, which means they can be fitted to any boiler actually on the market.

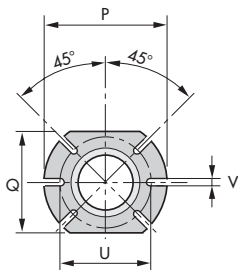
BURNER



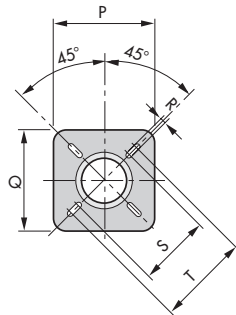
Model	A	C	D	E	F	H	I	M	N	V	Z
▶ GS3	292	166	215	230	100	91	165	Rp 3/8	37	132	25
▶ GS5	306	170	233	295	100	91	180	-	48	138	28
▶ GS10	341	188,5	262	346	110	105	204	-	61	142	33
▶ GS20	387	212	298	389	120	125	230	-	67	152	33

BURNER-BOILER MOUNTING FLANGE

GS3 - GS5 - GS10

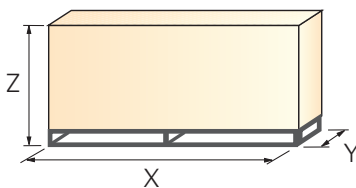


GS20



Model	P	Q	R	S	T	U	V
▶ GS3	170	140	-	-	-	130	10
▶ GS5	170	140	-	-	-	130	10
▶ GS10	185	160	-	-	-	130	11
▶ GS20	170	170	11	155	200	-	-

PACKAGING



Model	X	Y	Z	kg
▶ GS3	365	325	300	12
▶ GS5	435	345	315	12
▶ GS10	473	413	320	27
▶ GS20	525	453	365	22

INSTALLATION DESCRIPTION

Installation, start up and maintenance must be carried out by qualified and skilled personnel.

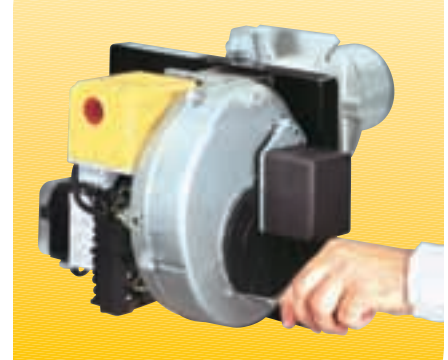
The burner is set in factory on standard calibration (minimum output), if necessary adjustments can be made on the basis of the maximum output of the boiler.

All operations must be performed as described in the technical handbook supplied with the burner.

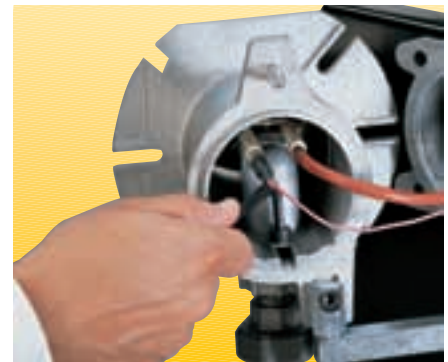


BURNER SETTING

- ▶ The air damper position can be easily adjusted removing the burner cover.



- ▶ Head setting is easy and aided by a graduated scale, a test point allows reading the air pressure in the combustion head.

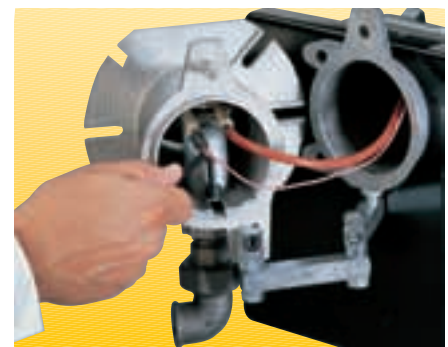


- ▶ Riello 40 GS burners are fitted with an air pressure switch which, in accordance with EN 676 standards, can be adjusted by the installer using a graduated selector, on the basis of the effective working conditions.



MAINTENANCE

- ▶ Maintenance is easily solved because the combustion head can be disassembled without having to remove the burner from the boiler.



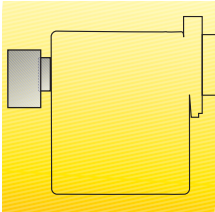


BURNER ACCESSORIES

Remote control release kit for the 525 control box

The 525 control box can be remotely released using an electric command kit.

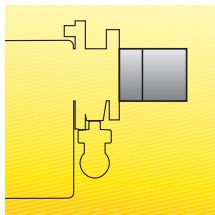
This kit must be installed in conformity with current regulations in force.



Remote control release kit for the 525 control box	
Burner	Kit code
GS3 - GS5	3001030

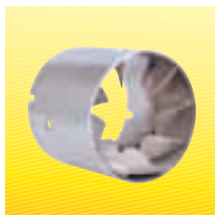
Extended head kit

“Standard head” burners can be transformed into “extended head” versions by using the special kit. Below the KITS available for the various burners are listed, showing the original and the extended lengths.



Extended head kit			
Burner	Standard head length (mm)	Extended head length (mm)	Kit code
GS3 - GS5	100	125	3000820
GS10	110	170	3000864
GS20	120	280	3000873

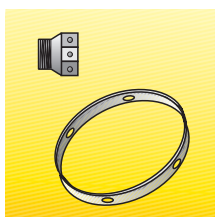
End cone with turbulator disk



End cone with turbulator disk		
Burner	Projection	Kit code
GS5	+15	3000916
GS10	+18	3000918
GS20	+23	3000919

LPG kit

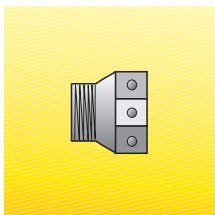
For burning LPG gas, a special kit is available to be fitted to the combustion head on the burner, as shown in the following table:



LPG kit		
Burner	Kit code for standard head	Kit code for extended head
GS3	3000881	3000881
GS5	3000882	3000882
GS10	3000884	3000884
GS20	3000886	3000886



Town gas kit



Town gas kit	
Burner	Kit code
GS3	3000888
GS5	3000889
GS10	3000891
GS20	3000893

Interface adapter kit

To connect the flame 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.



Interface adapter	
Burner	Kit code
GS10 - GS20	3002719

Ground fault interrupter kit

A "Ground fault interrupter kit" is available as a safety device in case of electrical system fault. It is supplied with burners pin plug.



Ground fault interrupter kit	
Burner	Kit code
GS3 - GS5 - GS10 - GS20	3001180

7-pin plug kit

If necessary a 7-pin plug kit is available (in packaging of n. 5 pieces).

7-pin plug kit	
Burner	Kit code
All models	3000945

Continuous ventilation kit for RMG control box

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

Continuous ventilation kit for RMG control box	
Burner	Kit code
GS10 - GS20	3010094

6-pole and 7-pole sockets kit for 525 SE control box

For the burner without pre installed socket a 6-pole and 7-pole sockets kit with cable is available.

6-pole and 7-pole sockets kit for 525 SE control box	
Burner	Kit code
GS3 - GS5 - GS8	3001066



GAS TRAIN ACCESSORIES



Seal control kit

To test the valve seals on the gas train, (except for the model with Multibloc MBC 65 DLE) a special "seal control kit" is available.



Seal control kit		
Burner	Gas train	Kit code
GS3	MBDLE 403	3010123
GS5	MBDLE 403 - 405 - 407	3010123
GS10	MBDLE 405 - 407 - 410	3010123
GS20	MBDLE 407 - 410	3010123

▶ BALANCED FLUE VERSION

The R40 series balanced flue gas burner has been specifically designed to meet the increasing trend towards the use of balanced flue, otherwise known as room sealed appliances, which avoid the necessity of having a chimney to discharge the products of combustion.

Balanced flue products are completely sealed from the environment in which they are installed, drawing air for combustion directly from the outside, thereby ensuring no unwelcome smells from the combustion.

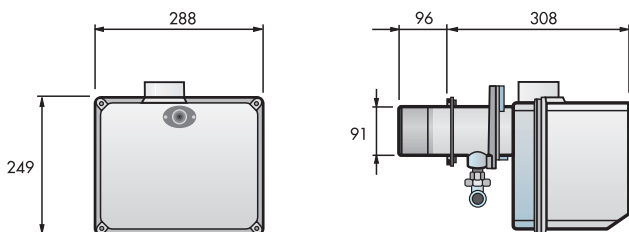
As a result of the burner components being completely enclosed this provides an additional benefit of low sound levels.

This version is available for GS3 and GS5 only.



Riello 40 GS Balanced Flue version

Overall dimensions (mm)

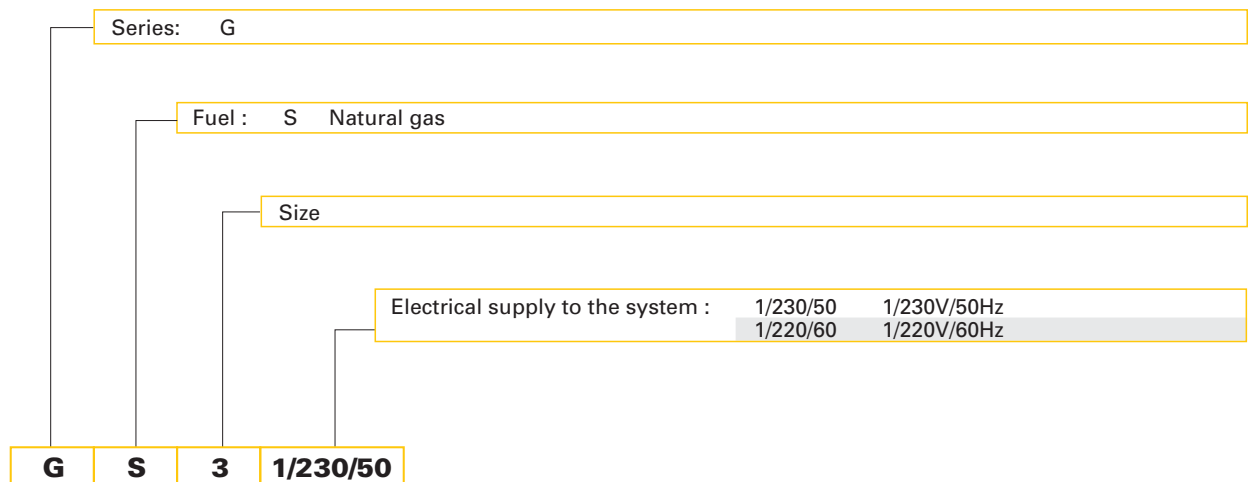


SPECIFICATION



A special index guides your choice of boiler from the various models available in the GS series. Below is a clear and detailed specification description of the product.

DESIGNATION OF SERIES



AVAILABLE BURNER MODELS

GS3	1/230/50	GS5	1/220/60
GS5	1/230/50	GS10	1/220/60
GS10	1/230/50	GS20	1/220/60
GS20	1/230/50		



▶ **PRODUCT SPECIFICATION**

Burner

Monoblock, gas burners, completely automatic, with one stage settings fitted with:

- Fan with forward curve blades
- Cover lined with sound-proofing material
- Air damper, completely closed in stand by, with adjustment inside the cover
- Single phase electric motor 230 V, 50 Hz
- Combustion head fitted with:
 - stainless steel head cone, resistant to high temperatures
 - ignition electrodes
 - ionisation probe
 - gas distributor
 - flame stability disk
- Adjustable air pressure switch, with graduated selector, to guarantee burner lock out in the case of insufficient combustible air
- Protection filter against radio interference
- IP 40 electric protection level.

Gas train

Fuel supply line in the Multibloc configuration, fitted with:

- Filter
- Pressure stabiliser
- Minimum gas pressure switch
- Safety valve
- Single stage working valve with ignition gas output regulator.

Approval:

- EN 676 standard.

Conforming to:

- 90/396/EEC (gas)
- 73/23/EEC (low voltage)
- 89/336/EEC (electromagnetic compatibility)
- 92/42/EEC (efficiency)
- 98/37/EEC (machines).

Standard equipment:

- Insulating gasket
- Screws and nuts for fixing the flange to the boiler
- 7 pin plug
- Instruction handbook for installation, use and maintenance
- Spare parts catalogue
- Hinge
- Cable grommet.

Available accessories to be ordered separately:

- Remote control release kit for the 525 control box
- Extended head kit
- End cone with turbulator disk
- LPG kit
- Town gas kit
- Interface adapter kit
- Ground fault interrupter kit
- 7-pin plug kit
- Continuous ventilation kit for RMG control box
- 6-pole and 7-pole sockets kit for 525 SE control box.





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