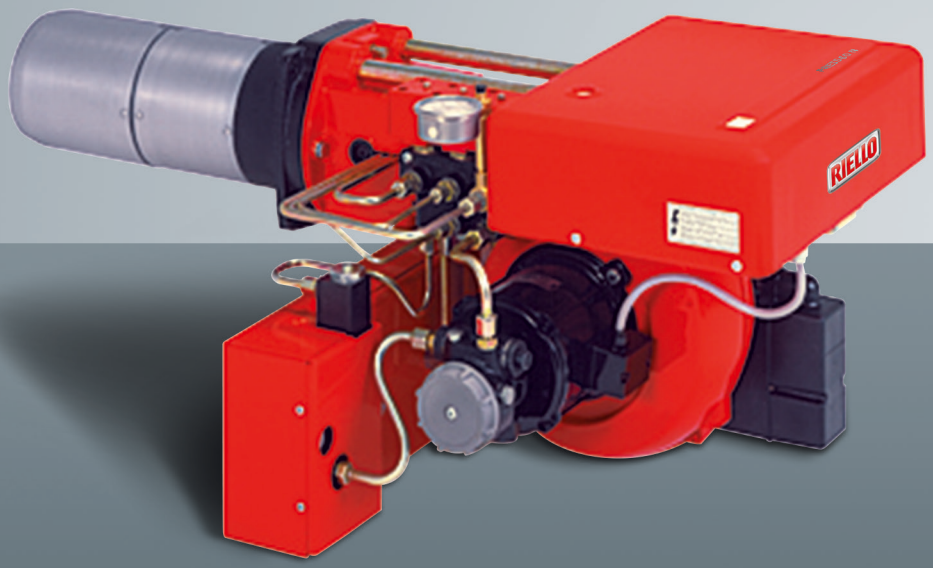
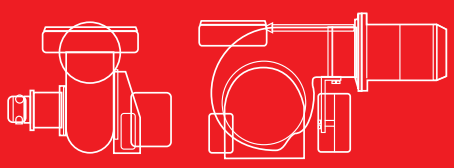


PRESS N Series

Two Stage Heavy Oil Burners

PRESS 30N	85/171	÷	342	kW
PRESS 45N	114/205	÷	513	kW
PRESS 60N	171/342	÷	684	kW
PRESS 100N	285/490	÷	1140	kW



The PRESS N series of burners covers a firing range from 171 to 1140 kW and they have been designed for use in civil installations of average dimensions, like building areas and large apartment groups or for use in industrial applications, like small or medium plants.
Operation is two stage; a servomotor adjust automatically air damper opening, to obtain the right air delivery on both stage. The burners are fitted with a microprocessor control panel which supplies indication of operation and diagnosis of fault cause.
The combustion head, that can be set on the basis of required output, allows optimal performance ensuring good combustion and reducing fuel consumption and is available in two different length to be selected on the basis of specific application requirements.
In basic version the burners are supplied for use with heavy oil 7°E viscosity, but they can be supplied with higher viscosity oil with a specific heaters kit.
Simplified maintenance is achieved by the slide bar system, which allows easy access to all of the essential components of the combustion head.

A RIELLO burner (Heat Generator), where it is matched with a water-based boiler (Heater Housing) with a nominal output ≤ 400 kW, providing heat for heating purposes and heat to deliver sanitary hot water, can be installed:
- With boilers (heater housings) already in service in the field, for replacement, in conformity to Article 1, paragraph 2, point (G) of the EU Regulation No. 813/2013;
- With boilers (heater housings) on a new installation, put on the market after 26th of September 2015;
- With all new boilers (heater housings), where placed on the market before 26th of September 2015.

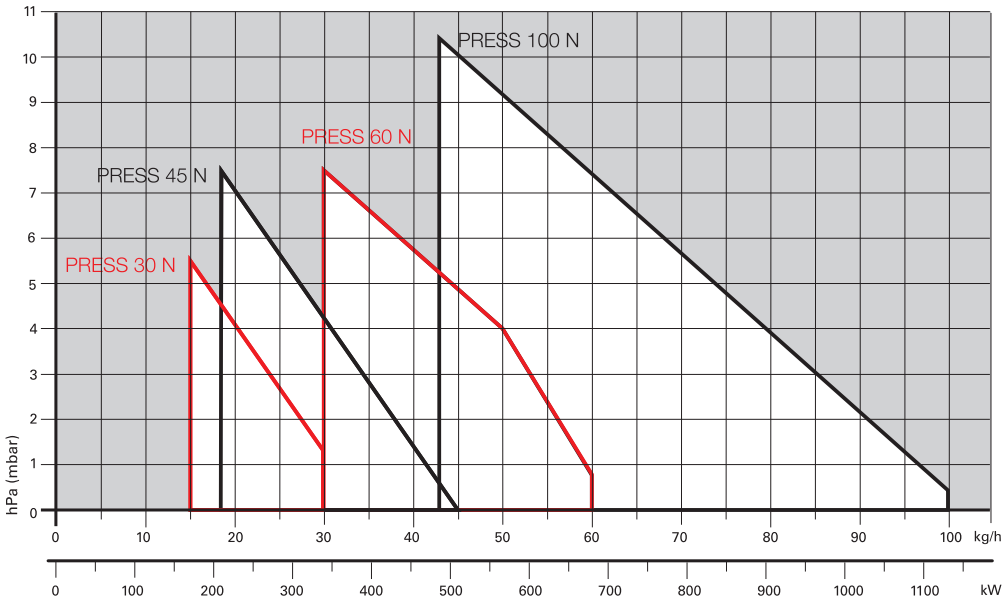
Technical Data

MODEL			PRESS 30 N	PRESS 45 N	PRESS 60 N	PRESS 100 N
Burner operation mode			Two stage			
Modulation ratio at max. output			2 ÷ 1			
Servomotor		type	LKS 210			
		run time s	58			
Heat output		kW	85/171 ÷ 342	114/205 ÷ 513	171/342 ÷ 684	285/490 ÷ 1140
		Mcal/h	73/147 ÷ 294	98/176 ÷ 441	147/294 ÷ 588	245/421 ÷ 980
		Kg/h	7.5/15 ÷ 30	10/18 ÷ 45	15/30 ÷ 60	25/43 ÷ 100
Working temperature		°C min./max.	0/40			
FUEL/AIR DATA						
Heavy oil	net calorific value	kWh/kg	11.4			
		kcal/kg	9800			
	viscosity at 20°C	mm^2/s (cSt)	50 (150 with heavy oil kit)		50 (500 with heavy oil kit)	
Pump	type		Suntec			
	delivery	Kg/h	65 (at 20 bar)		110 (at 20 bar)	200 (at 20 bar)
Atomised pressure		bar	20			
Fuel temperature		max. °C	140			
Fuel pre-heater			YES			
Fan		type	Centrifugal with forward tilted blades			
Air temperature		max. °C	60			
ELECTRICAL DATA						
Start up		type	Star - Delta			
Electrical supply		Ph/Hz/V	1/50/230 ~ (± 10%)	3N/50/400 ~ (± 10%)		3/50/230 ~ (± 10%)
Auxiliary electrical supply		Ph/Hz/V	1/50/230 ~ (± 10%)			
Control box		type	RM0			
Total electrical power		kW	3.5	3.7	5.5	9.0
Auxiliary electrical power		kW	0.33	0.45	0.5	0.5
Protection level		IP	40			
Fan motor	electrical power	kW	0.37	0.45	0.75	1.5
	rated current	A	2.9	1.9 - 1.1	2.9 - 1.7	6 - 3.5
	start up current	A	9.5	9.5 - 5.5	14 - 8	28 - 16
	protection level	IP	54			
Pump motor	electrical power	kW	--			
	rated current	A	--			
	start up current	A	--			
	protection level	IP	--			
Ignition transformer		type	--			
		V1 - V2	230 V - 2 x 6.5 Kv			
		I1 - I2	2 A - 35 mA			
Operation			Intermittent (at least one stop every 24h)			
EMISSIONS						
Noise levels	sound pressure	dB (A)	75	78	81	83
	sound power		86	89	92	94
Light oil	CO emission	mg/kWh	< 50			
	grade of smoke indicator	N° Bacharach	< 5			
	CxHy emission	mg/kWh	--			
	NOx emission	mg/kWh	< 650			
APPROVAL						
Directive			2006/42/EC - 2014/30/UE - 2014/35/UE			
Conforming to			EN 267			
Certification			- -			

Reference conditions: Temperature: 20°C - Pressure: 1013.5 mbar - Altitude: 0 m a.s.l. - Noise measured at a distance of 1 meter. Sound pressure measured in manufacturer's combustion laboratory, with burner operating on test boiler and at maximum rated output. The sound power is measured with the "Free Field" method, as per EN 15036, and according to an "Accuracy: Category 3" measuring accuracy, as set out in EN ISO 3746.

Firing Rates

PRESS 30-45-60-100 N



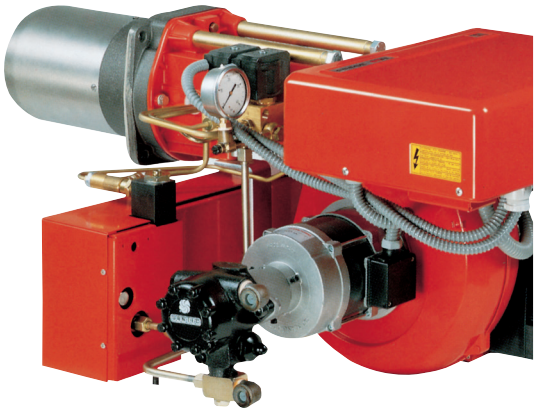
Useful working field for choosing the burner

Test conditions conforming to EN267
Temperature: 20°C
Pressure: 1013.5 mbar
Altitude: 0 m a.s.l.

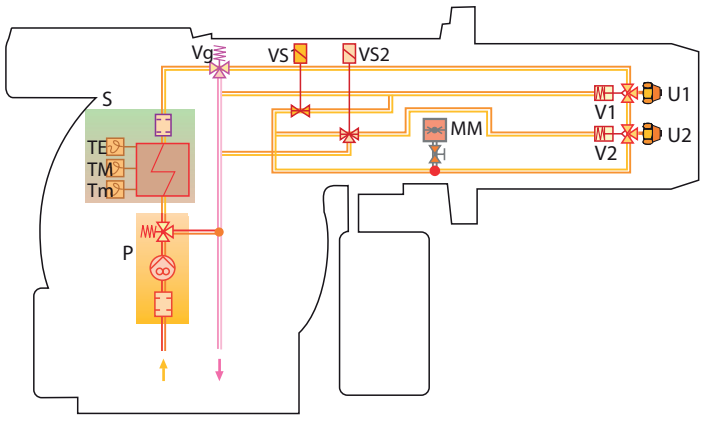
Fuel Supply

HYDRAULIC CIRCUIT

The burners are fitted with an oil pre-heater, a check valve and two delivery valves along the oil line from the pump to the nozzles.
The oil pre-heater is equipped with a filter with sheath forthermometer, a setting thermostat to adjust the oil temperature and two safety thermostats to control the max. and min. oil temperature.
A control device, on the basis of required output, regulates oil delivery valves opening, allowing oil passage trough the valves and the nozzles whose opening is regulated from a needle valve.
An oil delivery gauge allow to control the delivery pressure.
A specific version PRESS N/ECO is available for operation with low sulphur fuels; these models are made up of separated oil pump motor at 1400 rpm and double filter between pump and nozzle.
For heavy oil preheating, a special kit could be used; equipped with electrical heaters, it permits the use of PRESS N and PRESS N/ECO burners with fuel oil of max. viscosity 23°E at 50°C (PRESS 30 N - 45 N) or 50°E at 50°C (PRESS 60 N - 100 N), (see Burner Accessory paragraph).



Hydraulic circuit



MM	Oil delivery gauge
P	Pump with filter and pressure regulator on the output circuit
S	Oil preheater with filter, maximum, minimum and regulation thermostat
TE	Oil temperature regulator
Tm	Minimum oil temperature switc
TM	Max oil temperature switch
U1	1st stage nozzle
U2	2nd stage nozzle
Vg	Check valve
VS1	1st stage delivery valve
VS2	2nd stage delivery valve
V1	1st stage nozzle needle valve
V2	2nd stage nozzle needle valve

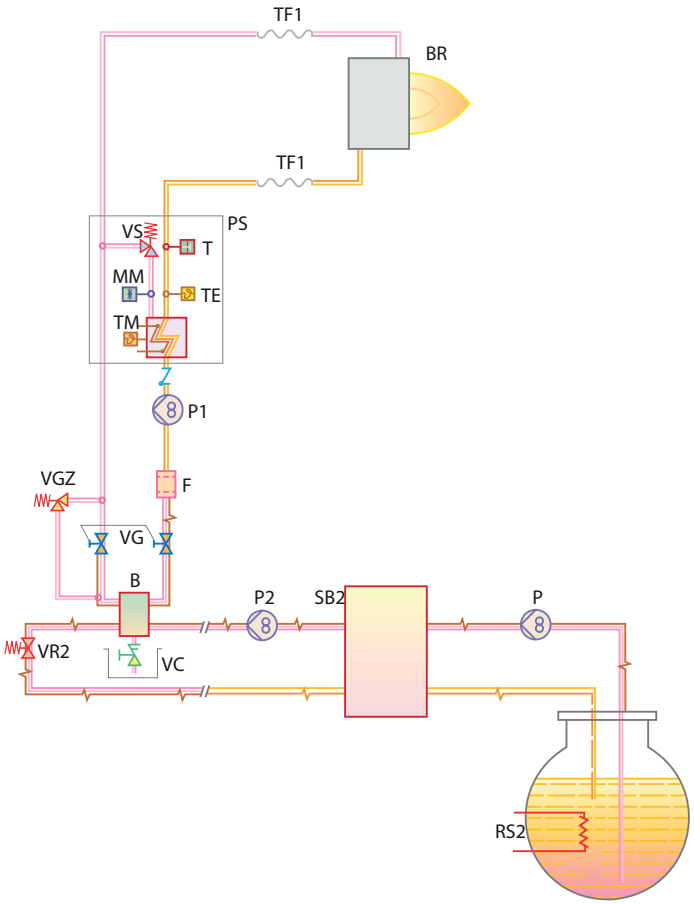
SELECTING THE FUEL SUPPLY LINES

The fuel feed must be completed with the safety devices required by the local regulations in force.

IMPORTANT NOTES

- The oil could easily flow through the pipes if those are properly sized, protected and heated (by electricity, steam or hot water)
- In order to limit gas or steam production the oil pressure into the gas separator shall be set in function of the supply temperature, see instructions manual.
- The forwarding pump should have at least a double capacity than that one of the burner.

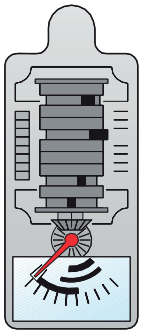
For several burners supplied through the same ring supply line, the forwarding pump should have a capacity of approximatively 30% more than the sum of the single burners outputs.



B	Gas separator bottle
BR	Burner
F	Oil filter
MM	Oil delivery gauge
P	Double pumping unit with filter and heater on transfer ring
PS	Electrical preheater
P1	Pump with heater – burner circuit
P2	Double pumping unit with filter and heater on main ring
RS2	Tank heater
SB2	Service tank
T	Thermometer
TE	Temperature switch regulation
TF1	Flexible oil line
TM	Max oil temperature switch
VC	Vent valve
VGZ	Safety valve – burner circuit
VR2	Oil valve – main ring
VS	Preheater safety valve

Ventilation

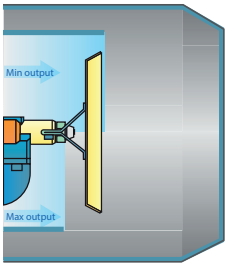
The ventilation circuit of PRESS N burners is inserted in a extremely compact structure and it is provided with a forward blades centrifugal fan, which guarantees high pressure levels at the required air deliveries and permits installation flexibility.
A servomotor adjust automatically air damper opening, to obtain the right air delivery on both stage.



Servomotor for air regolation

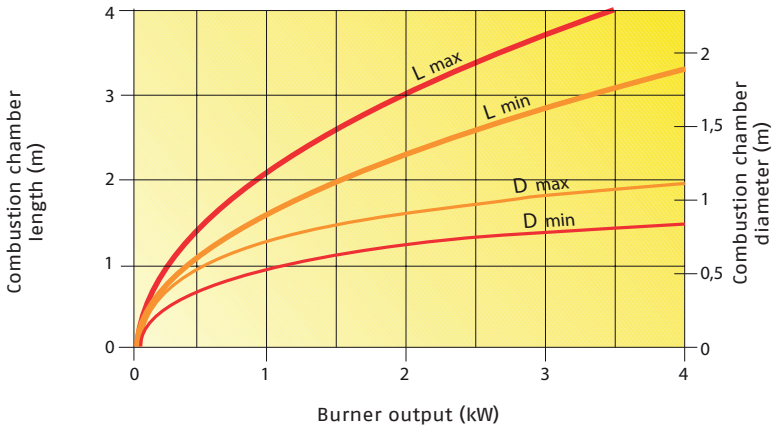
Combustion Head

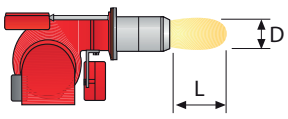
Two different lenghts of the combustion head can be chosen for the various models of the PRESS N series of burners.
The choice depends on the thickness of the front panel and the type of the boiler.
Depending on the type of heat generator, it is necessary to check the correct head penetration into the combustion chamber.
The internal position of the combustion head can easily be adjusted: refer to the burner instruction manual for the complete procedure.
The following diagram shows the flame dimensions in relation to the burner output. The lenght and diameter shown in the diagram below should be employed preliminary check: it is required a more careful investigation if combustion chamber dimensions are much different from the above reported values.



Combustion head

SUGGESTED COMBUSTION CHAMBER DIMENSIONS





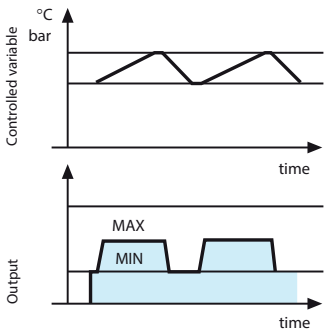
Example:
Burner thermal output = 2000 kW;
L Combustion Chamber (m) = 2.7 m (medium value);
D Combustion Chamber (m) = 0.8 m (medium value)

Operation

BURNER OPERATION MODE

With two stage operation, the PRESS N burners can follow the temperature load requested by the system. A modulation ratio of 2:1 is reached, thanks to the "two nozzles" technique; the air is adapted to the servomotor positions.
On "two stage" operation, the burner gradually adjusts output to the requested level, by varying between the two pre-set levels.

"TWO STAGE" OPERATION



All PRESS N series burners 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:

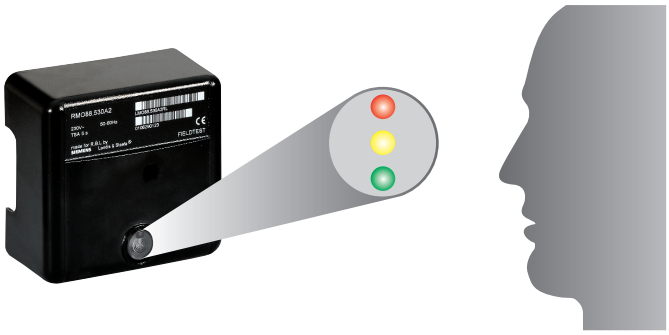
The lock-out reset button is the central **operating element** for resetting the burner control and for activating / deactivating the diagnostic functions.

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.

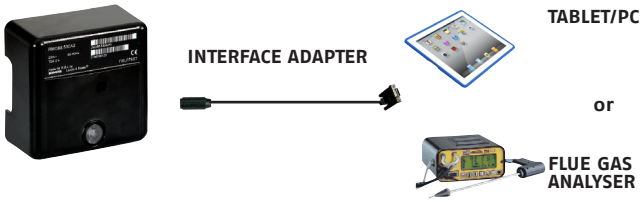
There are two diagnostic choices, for indication of operation and diagnosis of fault cause:

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 status 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 over 3 seconds.

COLOR CODE TABLE

Operation status	Color code table
Stand-by	
Pre-purging	
Ignition phase	
Flame OK	
Poor flame	
Undervoltage, built-in fuse	
Fault, alarm	
Flame simulation	

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 over 3 seconds.
The interface diagnosis (with adapter) can be activated by pressing again the lock-out button for over 3 seconds.

The flashing of red LED are a signal with this sequence:
(e.g. signal with n° 3 flashes – faulty air pressure monitor)

(LED off)

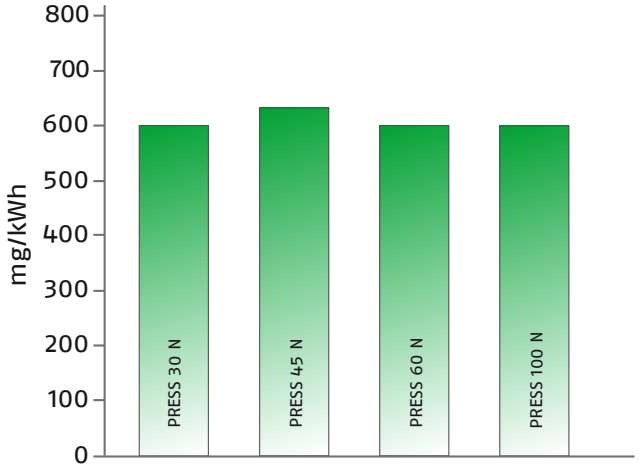
ERROR CODE TABLE

POSSIBLE CAUSE OF FAULT		FLASH 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	2x flashes
Faulty air pressure monitor		3x flashes
Extraneous light or simulation of flame on burner start up		4x flashes
Loss of flame during operation:	- faulty or soiled fuel valves - faulty or soiled flame detector - poor adjustment of burner	7x flashes
Faulty control box		10x flashes

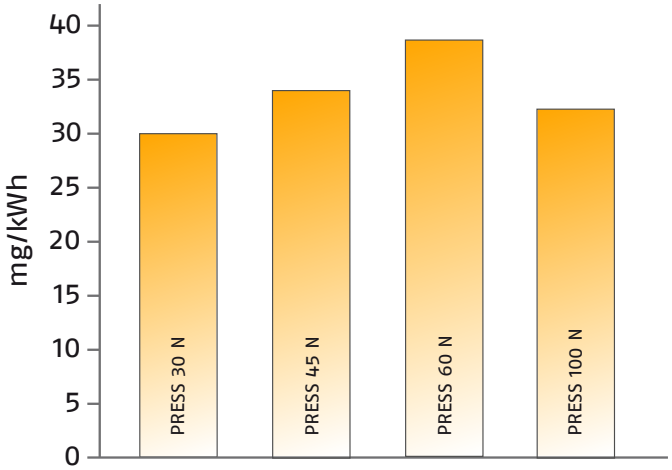
Emissions

The emission data has been measured in the various models at maximum output, according to EN 267 standard.

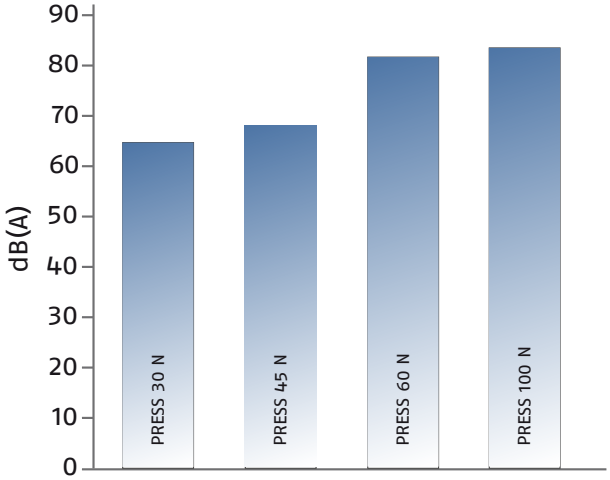
NO_2 EMISSIONS



CO EMISSIONS



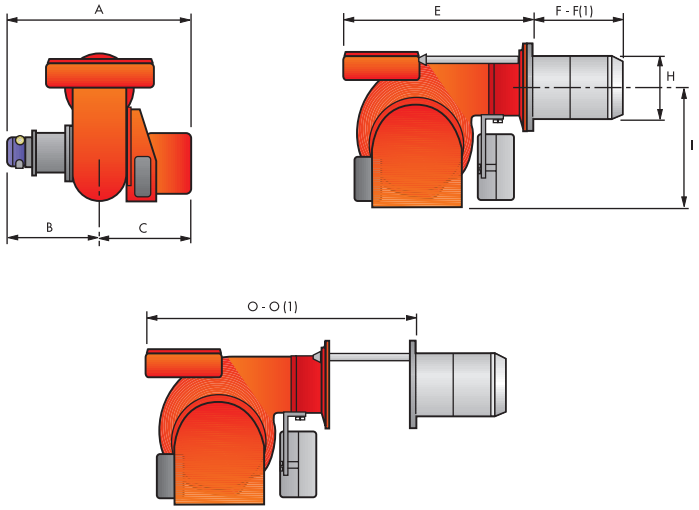
NOISE EMISSIONS



Overall Dimensions (mm)

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

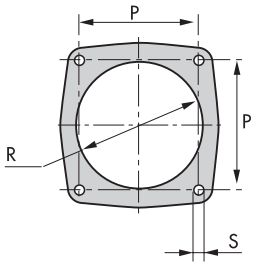
BURNER



MODEL	A	B	C	E	F – F(1)	H	I	O – O (1)
PRESS 30 N	625	335	290	625	185 – 320	161	305	905 – 1080
PRESS 45 N	625	335	290	625	235 – 370	161	305	925 – 1100
PRESS 60 N	625	335	290	660	245 – 400	172	335	940 – 1115
PRESS 100 N	625	335	290	710	250 – 410	195	370	1010 – 1195

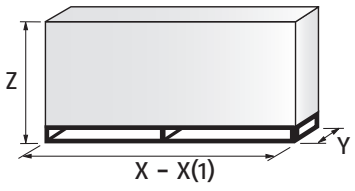
(1) Length with extended combustion head

BURNER – BOILER MOUNTING FLANGE



MODEL	P	R	S
PRESS 30 N	160	170	M 10
PRESS 45 N	160	170	M 10
PRESS 60 N	160	180	M 10
PRESS 100 N	195	205	M 12

PACKAGING



MODEL	X – X(1)	Y	Z	kg
PRESS 30 N	1000 – 1015	790	550	84
PRESS 45 N	1000 – 1200	790	550	84
PRESS 60 N	925 – 1200	790	650	87
PRESS 100 N	1000 – 1200	790	650	104

(1) Length with extended combustion head

Installation Description

Skilled and qualified personnel must perform installation, start up and maintenance.
A nozzle is fitted to the burner and used for fire tests in the factory. If necessary, change the nozzle on the basis of the maximum output of the boiler.
All operations must be carried in accordance with the technical handbook supplied with the burner.

BURNER SETTING

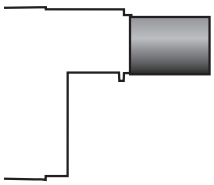
- All the burners have slide bars, for easier installation and maintenance.
- After drilling the boilerplate, using the supplied gasket as a template, dismantle the blast tube from the burner and fix it to the boiler.
- Adjust the combustion head.
- Refit the burner casing to the slide bars.
- Install the nozzles, choosing these on the basis of the maximum boiler output and following the diagrams included in the burner instruction handbook.
- Check the position of the electrodes.
- Close the burner, sliding it up to the flange, keeping it slightly raised to avoid the flame stability disk rubbing against the blast tube.

HYDRAULIC AND ELECTRICAL CONNECTIONS AND START-UP

- The burners are supplied for connection to two pipes fuel supply system.
- Connect the ends of the flexible pipes to the suction and return pipework using the supplied nipples.
- Make the electrical connections to the burner following the wiring diagrams included in the instruction handbook.
- Prime the pump by turning the motor.
- On start up, check:
  - Pressure pump (to max. and min.)
  - Combustion quality, in terms of unburned substances and excess air.

Burner accessories

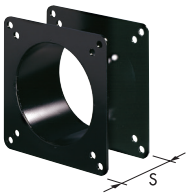
EXTENDED HEAD KIT



"Standard head" burners can be transformed into "extended head" versions, by using the special kit. The KITS available for the various burners, giving the original and the extended lengths, are listed below.

BURNER	STANDARD HEAD LENGTH (mm)	EXTENDED HEAD LENGTH (mm)	CODE
PRESS 30 N	185	320	20015280
PRESS 60 N	245	400	3092198

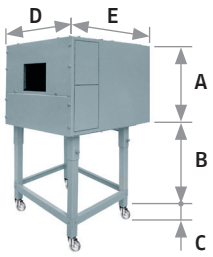
SPACER KIT



If burner head penetration into the combustion chamber needs reducing, varying thickness spacers are available, as given in the list.

BURNER	SPACER THICKNESS S (mm)	CODE
PRESS 30 - 45 - 60 N	142	3000755
PRESS 100 N	142	3000802

SOUND PROOFING BOX



If noise emission needs reducing even further, sound-proofing boxes are available. In case of generator heights, where a lower dimension "B" is required, ask for the Box Support Kit code 20065135.
The useful dimensions are 40 mm less than the total dimensions indicated in the table (A, D, E). Not suitable for outdoor use.

BURNER	BOX TYPE	A (mm)	B (mm) min-max	C (mm)	D (mm)	E (mm)	[dB(A)] (*)	CODE
PRESS 30 - 45 - 60 - 100 N	C4/5	650	372 - 980	110	980	930	10	3010404

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

SELF-CLEANING FILTER

For cleaning heavy oil from dirty particles and impurities, it is equipped with a thermostatic heater for oil with 50°E viscosity at 50°C.

FILTER TYPE	CODE
ø=1 50°E – 50°C	3000790

HEATER TYPE	CODE
Thermostatic heater 80W	3010059

HEAVY OIL KIT

Equipped with electrical heaters, it permits the employment of PRESS N burners with fuel oil of max. viscosity 20°E at 50°C (type BUNKER B / USA n° 5).

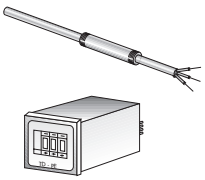
BURNER	MAX VISCOSITY	CODE
PRESS 30 - 45 N	20°E at 50°C	3000797
PRESS 60 - 100 N	20°E at 50°C	3010013

CARTRIDGE FILTER

For cleaning heavy oil from dirty particles and impurities, it is equipped with a cartridge system equipped with electronic resistance for oil with 7°E viscosity at 50°C.

FILTER TYPE	CODE
Cartridge filter 7°E – 50°C	3005209

THERMOSTATS



Thermostats allow heavy oil temperature control and regulation during burner operation. They are available in electronic and maximum versions.

BURNER	THERMOSTAT TYPE	CODE
PRESS 30 - 45 - 60 - 100 N	Kit electronic	3000799
PRESS 30 - 45 - 60 - 100 N	Maximum	3000800
PRESS 30 - 45 - 60 - 100 N	Kit electronic	3010173

PC INTERFACE KIT

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

BURNER	CODE
PRESS 30 - 45 - 60 - 100 N	3002719

PROTECTION KIT (ELECTROMAGNETIC INTERFERENCES)

When the burner is installed in a room particularly subject to electromagnetic interference (signals emitted over 10 V/m) due for example to INVERTER presence or in systems where the lengths of the thermostat connections is over 20 meters, this specific protection kit is available as an interface between the thermostatic controls and the burner.

BURNER	CODE
ALL MODELS	3010386

NOZZLE

The nozzles must be ordered separately. The following table shows the features and codes on the basis of the maximum required output.
NOTE: each burner needs N° 2 nozzles.

TYPE F80 PL 45°

BURNER	RATED DELIVERY (kg/h) at 20 bar	GPH	CODE
PRESS 30 - 45 N	10,6	2	3043121
PRESS 30 - 45 N	11,9	2,25	3043131
PRESS 30 N - 45 N - 60 N	13,2	2,5	3043141
PRESS 45 N - 60 N	15,8	3	3043151
PRESS 45 N - 60 N - 100 N	18,5	3,5	3043161
PRESS 45 N - 60 N - 100 N	21,1	4	3043171
PRESS 60 N - 100 N	23,7	4,5	3043181
PRESS 60 N - 100 N	26,4	5	3043191
PRESS 100 N	29	5,5	3043201
PRESS 100 N	31,7	6	3043211
PRESS 100 N	34,3	6,5	3043221
PRESS 100 N	36,9	7	3043231
PRESS 100 N	39,6	7,5	3043241
PRESS 100 N	44,8	8,5	3043261

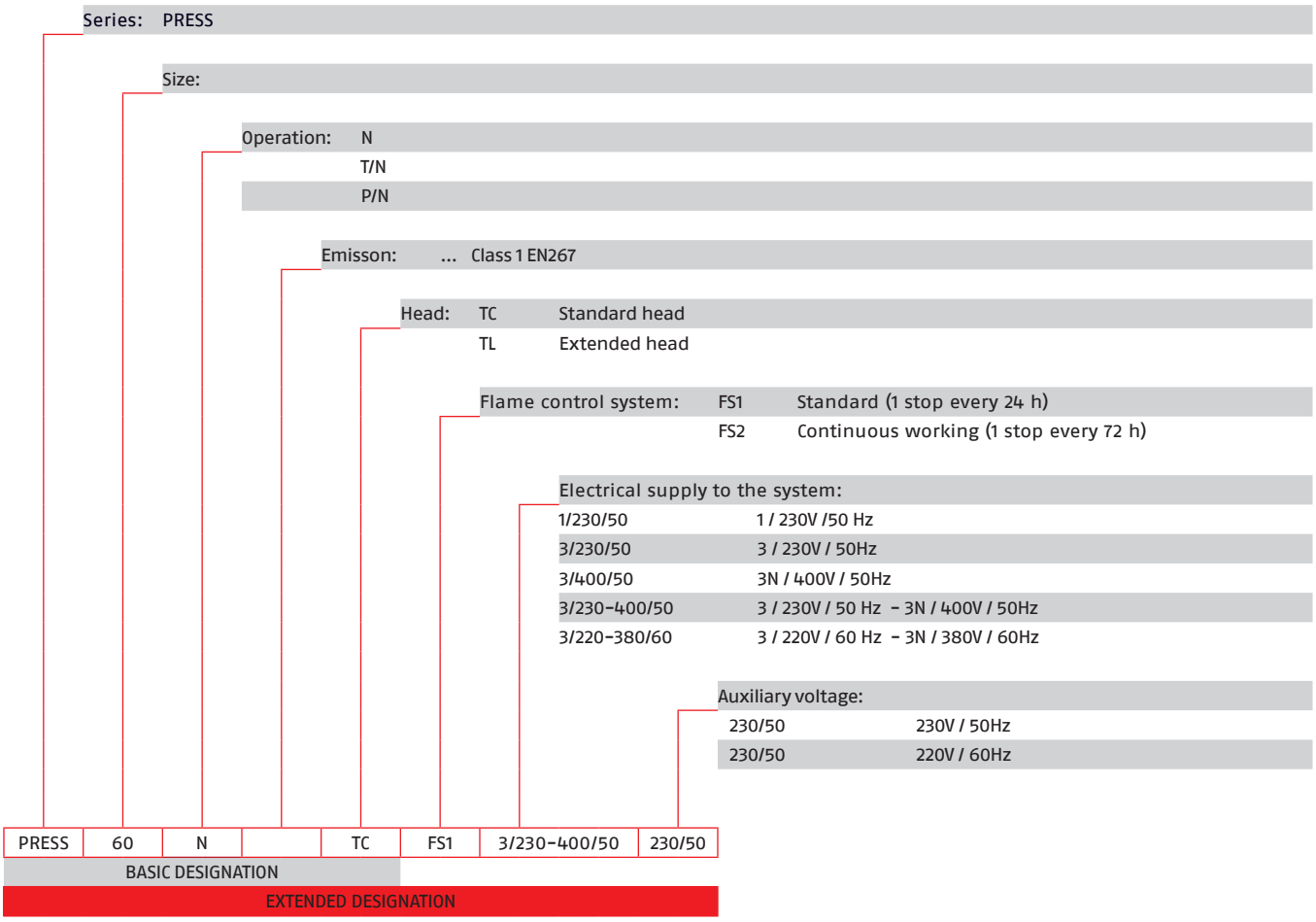
TYPE F80 PL 60°

BURNER	RATED DELIVERY (kg/h) at 20 bar	GPH	CODE
PRESS 30 N	6,6	1,25	3041092
PRESS 30 N - 45 N	7,9	1,5	3041102
PRESS 30 N - 45 N	9,2	1,75	3041112
PRESS 30 N - 45 N	10,6	2	3043122
PRESS 30 N - 45 N	11,9	2,25	3043132
PRESS 30 N - 45 N - 60 N	13,2	2,5	3043142
PRESS 45 N - 60 N	15,8	3	3043152
PRESS 45 N - 60 N - 100 N	18,5	3,5	3043162
PRESS 45 N - 60 N - 100 N	21,1	4	3043172
PRESS 60 N - 100 N	23,7	4,5	3043182
PRESS 60 N - 100 N	26,4	5	3043192
PRESS 100 N	29	5,5	3043202
PRESS 100 N	31,7	6	3043212
PRESS 100 N	34,3	6,5	3043222
PRESS 100 N	36,9	7	3043232
PRESS 100 N	39,6	7,5	3043242
PRESS 100 N	44,8	8,5	3043262

Specification

DESIGNATION OF SERIES

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



AVAILABLE BURNER MODELS

BURNER MODELS		HEAT OUTPUT		TOTAL ELECTRICAL POWER	CERTIFICATION	NOTE
		(KW)	(Kg/h)	(KW)		
PRESS 30 N	1/230/50 230/50	85/171 - 342	7.5/15 - 30	3.4	-	(1)
PRESS 30 N	1/230/50 230/50	85/171 - 342	7.5/15 - 30	3.4	-	(1)
PRESS 30 N	3/220-380/60 220/60	85/171 - 342	7.5/15 - 30	3.7	-	
PRESS 30 N	3/220-380/60 220/60	85/171 - 342	7.5/15 - 30	3.7	-	
PRESS 45 N	3/230-400/50 230/50	114/205 - 513	10/18 - 45	3.6	-	(1)
PRESS 45 N	3/230-400/50 230/50	114/205 - 513	10/18 - 45	3.6	-	(1)
PRESS 45 N	3/220-380/60 220/60	114/205 - 513	10/18 - 45	3.7	-	
PRESS 45 N	3/220-380/60 220/60	114/205 - 513	10/18 - 45	3.7	-	
PRESS 60 N	3/230-400/50 230/50	171/342 - 684	15/30 - 60	5.5	-	(1)
PRESS 60 N	3/230-400/50 230/50	171/342 - 684	15/30 - 60	5.5	-	(1)
PRESS 60 N	3/220-380/60 220/60	171/342 - 684	15/30 - 60	5.8	-	
PRESS 60 N	3/220-380/60 220/60	171/342 - 684	15/30 - 60	5.8	-	
PRESS 100 N	3/230-400/50 230/50	285/490 - 1140	25/43 - 100	9.0	-	(1)
PRESS 100 N	3/230-400/50 230/50	285/490 - 1140	25/43 - 100	9.0	-	(1)
PRESS 100 N	3/220-380/60 220/60	285/490 - 1140	25/43 - 100	9.0	-	
PRESS 100 N	3/220-380/60 220/60	285/490 - 1140	25/43 - 100	9.0	-	

Net calorific value: 11,3 kWh/kg; 9720 kcal/kg - Max Viscosity at 50°C: 5°E (38 mm^2/s, cSt), Type MEDIUM HEAVY OIL / USA n° 4.
(1) Austrian version.

STATE OF SUPPLY

Monoblock forced draught heavy oil burner, two stage operation, made up of:
- Air suction circuit
- Fan with forward curved blades
- Air dampers for air setting controlled by a servomotor
- Starting motor at 2850 rpm
- Combustion head, fitted with:
    - stainless steel end cone, resistant to corrosion and high temperatures
    - ignition electrodes
    - flame stability disk
- Gears pump for high pressure fuel supply, fitted with:
    - filter
    - pressure regulator
    - connections for installing a pressure gauge and vacuometer
    - internal by-pass for single pipe installation
- Valve unit with a double oil safety valve on the output circuit;
- Oil preheater provided with chance of a thermometer application for temperature control;
- Servomotor for air damper regulation;
- Photocell for flame detection;
- Microprocessor-based burner safety control box, with diagnostic function
- Flame inspection window
- Slide bars for easier installation and maintenance
- Protection filter against radio interference
- IP X0D (IP 40) protection level

Standard equipment:
- 2 flexible hoses for pipe connection
- 2 gaskets for flexible hoses
- 2 nipples for flexible hoses
- 1 thermal insulation screen
- 4 screws for fixing the burner flange to the boiler
- 2 nozzles (see table of available burner model)
- 2 extensions for bars (for long head version)
- Instruction handbook for installation, use and maintenance
- Spare parts catalogue

Conforming to:
- 2014/30 UE Directive (electromagnetic compatibility)
- 2014/35 UE Directive (low voltage)
- 2006/42 EC Directive (machine)
- EN 267 (liquid fuel burners)

Available accessories to be ordered separately:
- Extended head kit
- Spacer kit
- Sound proofing box
- Self cleaning filter
- Heavy oil kit
- Cartridge filter
- Thermostat
- PC Interface kit
- Protection kit (electromagnetic interferences)
- Nozzle

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

10/2016
TS0042UK02

[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 5 kW to 48 MW, 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 year.
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.

RIELLO S.p.A. – 37045 Legnago (VR) – Italy
tel. +39 0442 630111 – fax: +39 0442 21980
www.riello.com

RIELLO