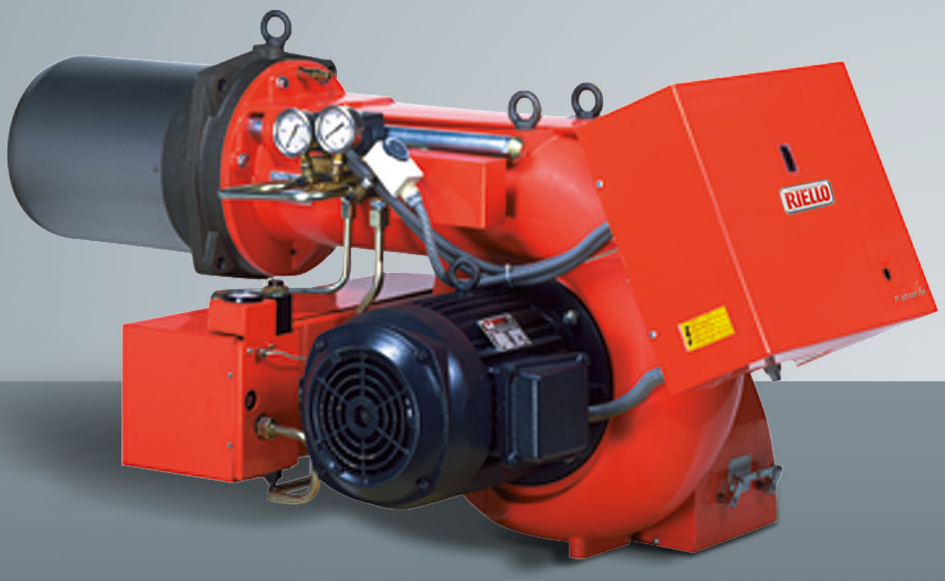
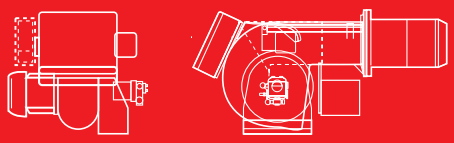


PRESS P/N – PN ECO Series

Modulating Heavy Oil Burners

P 140 P/N	400/800	÷	1600	kW
P 200 P/N	570/1140	÷	2280	kW
P 300 P/N	683/1710	÷	3420	kW
P 450 P/N	1140/2615	÷	5130	kW
P 140 P/N ECO	400/800	÷	1600	kW
P 200 P/N ECO	570/1140	÷	2280	kW
P 300 P/N ECO	683/1710	÷	3420	kW
P 450 P/N ECO	1140/2615	÷	5130	kW



The PRESS P/N series of burners covers a firing range from 800 to 5130 kW. They have been designed in three versions for use in commercial and industrial installation, to burn different oil viscosity from 7 up to 60°E @ 50°C. Operation can be "two stage progressive" or, alternatively, "modulating" with the installation of a PID logic regulator and respective probes, which guarantees a turn down ratio of 3:1.
The versatility of this range makes the burner well suited for use on steam boilers where the load factor is subject to wide variations, on thermal oil boilers and on boilers for particular heating plants, as hospitals or similar.
Simplified maintenance is achieved by the Riello designed 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

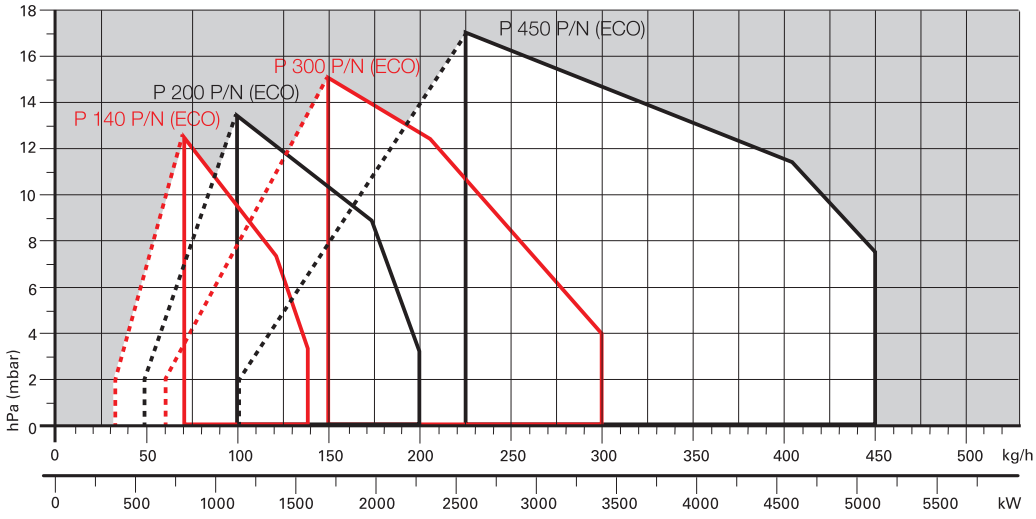
MODEL			P 140 P/N (ECO)	P 200 P/N (ECO)	P 300 P/N (ECO)	P 450 P/N (ECO)
Burner operation mode			Modulating (with regulator and probes accessories) or Two stage progressive			
Modulation ratio at max. output			4 ÷ 1			
Servomotor		type	SQM 10			
		run time s	42			
Heat output		kW	399/798 ÷ 1595	570/1140 ÷ 2279	684/1709 ÷ 3418	1139/2564 ÷ 5128
		Mcal/h	343/686 ÷ 1372	490/980 ÷ 1960	588/1470 ÷ 2940	980/2205 ÷ 4410
		Kg/h	35/70 ÷ 140	50/100 ÷ 200	60/150 ÷ 300	100/225 ÷ 450
Working temperature		°C min./max.	0/40			
FUEL/AIR DATA						
Heavy oil net calorific value		kWh/kg	11.4			
		kcal/kg	9800			
		MJ/kg	41			
Low viscosity version		mm^2/s (cSt)	50 @ 50°C			
Pump	type		Suntec E7	Suntec TA2	Suntec TA3	Suntec TA4
	delivery	Kg/h	340 (at 25 bar)	470 (at 25 bar)	750 (at 25 bar)	940 (at 25 bar)
Medium viscosity version		mm^2/s (cSt)	200 @ 50°C (with heavy oil kit already installed in factory)			
Pump	type		Suntec E7	Suntec TA2	Suntec TA3	Suntec TA4
	delivery	Kg/h	340 (at 25 bar)	470 (at 25 bar)	750 (at 25 bar)	940 (at 25 bar)
High viscosity version		mm^2/s (cSt)	450 @ 50°C (separate 1400 rpm pump + heavy oil kit + pipes heating cable already installed installed in factory)			
Pump	type		Suntec A3	Suntec TA4	Suntec TA5	HP NVBHR M
	delivery	Kg/h	380 (at 25 bar)	480 (at 25 bar)	690 (at 25 bar)	1150 (at 25 bar)
Atomised pressure		bar	25			
Fuel temperature		max. °C	140			
Fan		type	Centrifugal with forward tilted blades			
Air temperature		max. °C	60			
ELECTRICAL DATA						
Start up		type	Star - Delta			
Electrical supply		Ph/Hz/V	3N/50/400 ~ (± 10%)		3/50/230 ~ (± 10%)	
Electrical power consumption		Max. kW	18.5	19.5	32	37
Electrical motor		kW	3	4	7.5	15
Fan motor	rated current	A	13.5/8	16.4/9.5	30/17.5	50.2/29
	start up current	A	86/51	83/48	195/113	301/174
	protection level	IP	55			
Pump motor	electrical power	kW	0.55	0.75	1.1	2.2
	rated current	A	1.8/3.1	2.1/3.7	2.7/4.7	5.5/9.5
Auxiliary electrical supply		Ph/Hz/V	1/50/230 ~ (± 10%)			
Heaters electrical power		kW	14	14	19.6	19.6
Auxiliary electrical power		kW	1.5	1.5	2.9	2.4
Electrical protection		IP	IP 40			
Control box		type	LAL 1.25			
Ignition transformer		V1 - V2	230 V - 1 x 8 Kv			
		I1 - I2	1.8 A - 30 mA			
Operation			Intermittent (at least one stop every 24h)			
EMISSIONS						
Noise levels	sound pressure	dB (A)	86.2	85.4	89.5	90
	sound power		97.2	96.4	100.5	101
Light oil	CO emission	mg/kWh	< 130	< 145		< 170
	grade of smoke indicator	N° Bacharach	< 6		< 5	< 4
	CxHy emission	mg/kWh	--			
	NOx emission	mg/kWh	< 780		< 550	

MODEL	P 140 P/N (ECO)	P 200 P/N (ECO)	P 300 P/N (ECO)	P 450 P/N (ECO)
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 140-200-300-450 P/N (ECO)



Useful working field for choosing the burner

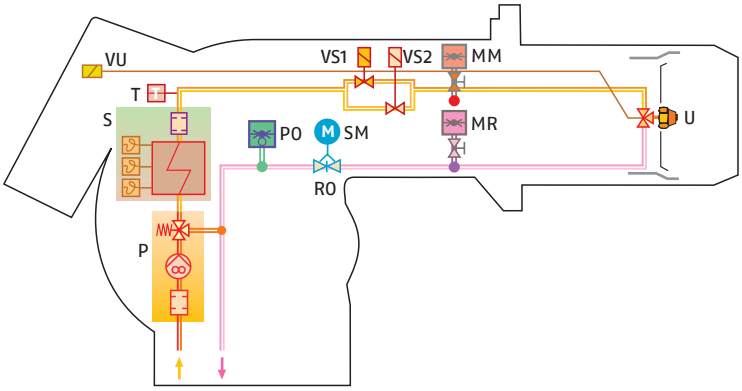
Test conditions conforming to EN267
Temperature: 20°C
Pressure: 1013.5 mbar
Altitude: 0 m a.s.l.

Fuel Supply

HYDRAULIC CIRCUIT

Various hydraulic circuits are available, depending on fuel output asset according to local norms of steam generators.
The burners are fitted with two valves and an oil preheater with thermostats along the oil line from the pump to the nozzle, where the opening is regulated from a needle valve.
A pressure regulator on the return circuit from the nozzle allows to vary the quantity of fuel burnt.
For heavy oil preheating, a special kit with three electrical heaters at the pump, at the regulator and at the nozzle can be used.
The models are fitted with a maximum pressure switch on the oil return circuit.

Hydraulic circuit



MM	Oil delivery gauge
MR	Pressure gauge on the return circuit
P	Pump with filter and pressure regulator on the output circuit
PO	Oil pressure switch on the return circuit
RO	Pressure regulator on the return circuit
S	Oil preheater with filter, maximum, minimum and regulation thermostat
SM	Servomotor
T	Thermometer
U	Nozzle
VU	Nozzle needle valve
VSn	Delivery oil valves

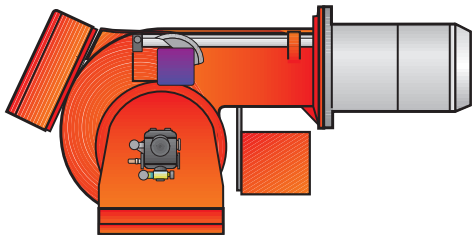
HYDRAULIC CIRCUIT

The modulating burner P/N series can burn different heavy oil types from 7 up to 60°E @ 50°C (50 up to 450 cSt @ 50°C). For different viscosity levels Riello recommends 3 different configurations:

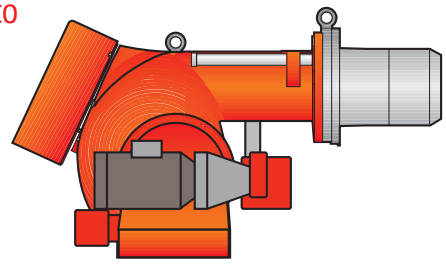
1) PRESS P/N version for viscosity up to 7°E (50 mm²/s, cSt), Type MEDIUM HEAVY OIL / USA n° 4:
   basic version with 2800 rmp oil pump installed directly on fan motor shaft (see available codes in the table above)
2) PRESS P/N version for viscosity up to 20°E (150 mm²/s, cSt), Type BUNKER B / USA n° 5:
   as basic version + heavy oil heating cartridges factory installed on nozzle, pump and valves group (please ask for specific code)
3) PRESS P/N ECO version for viscosity up to 20°E (150 mm²/s, cSt), Type BUNKER B / USA n° 5:
   with separate 1400 rpm low speed pump, heavy oil heating cartridges factory installed on nozzle, pump and valves group (please ask for specific code)
4) PRESS P/N and PRESS P/N ECO versions for viscosity up to 60°E (450 mm²/s, cSt), Type BUNKER C / USA n° 6:
   as versions 2) or 3) with pipes heating cable factory installed (please ask for specific code).

Special configuration on demand:
- Steam oil pre-heater on P/N ECO models.

PRESS P/N



PRESS P/N ECO



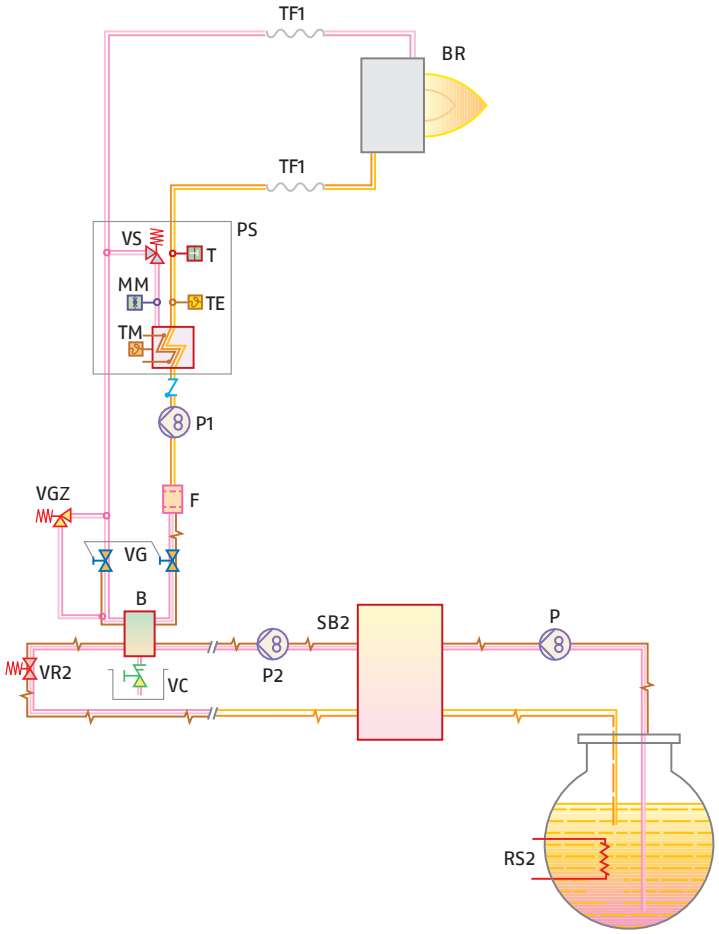
SELECTING THE FUEL SUPPLY LINES

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.

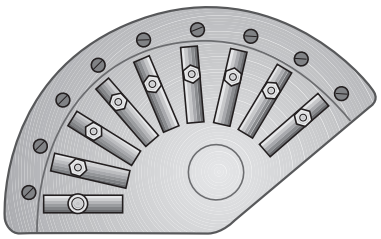
For several burners supplied through the same ring supply line, the forwarding pump should have a capacity of approximatively 30% more than the sum of the single burners outputs.



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

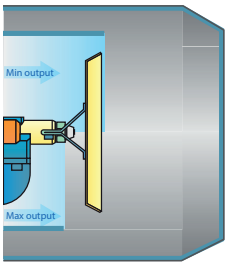
The ventilation circuit is provided with a forward blades centrifugal fan, which guarantees high pressure levels at the required air deliveries and permits installation flexibility.
In spite of the remarkable output power and of the very high pressure performances, structures of PRESS models are extremely compact.
The use of sound proofing boxes helps in reducing the noise levela.
A variable profile cam connects fuel and air setting, ensuring fuel efficiency in all firing rates.



Mechanical cam for air/fuel setting

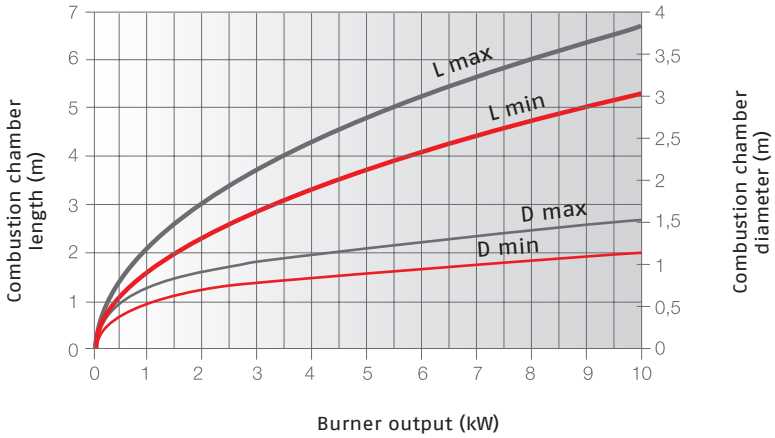
Combustion Head

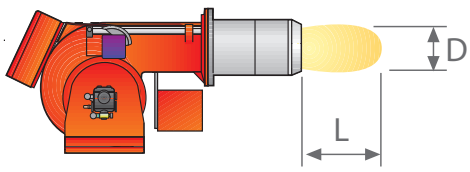
Two different lenghts of the combustion head can be chosen for the various models of the PRESS P/N series of burners.
The choice depends on the thickness of the front panel and the type of the boiler.
Depending on the type of heat generator, it is necessary to check the correct head penetration into 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 = 3500 kW;

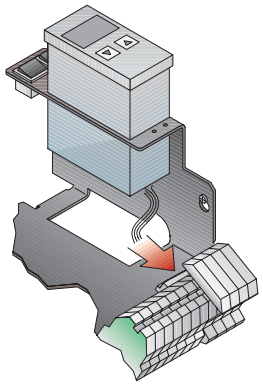
L Combustion Chamber (m) = 3.5 m (medium value);
D Combustion Chamber (m) = 1 m (medium value)

Operation

BURNER OPERATION MODE

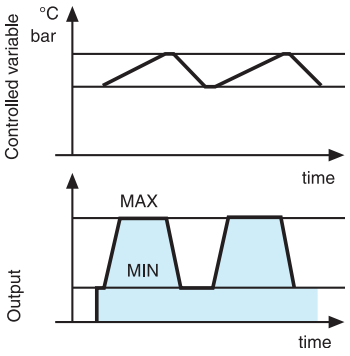
The PRESS P/N series of burners can have "two stage progressive" or "modulating" operation.

On "two stage progressive" operation, the burner gradually adapts the output to the requested level, by varying between two pre-set levels.



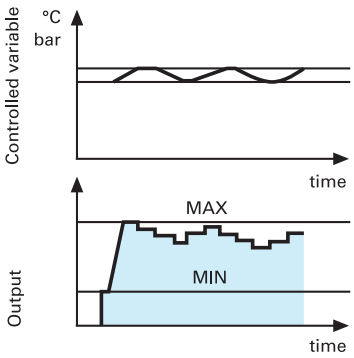
Regulator

"TWO STAGE PROGRESSIVE" OPERRATION



On "modulating" operation, normally required in steam generators, in superheater boilers or diathermic oil burners, a specific regulator and probes are required. These are supplied as accessories that must be ordered separately. The burner can work for long periods at intermediate output levels.

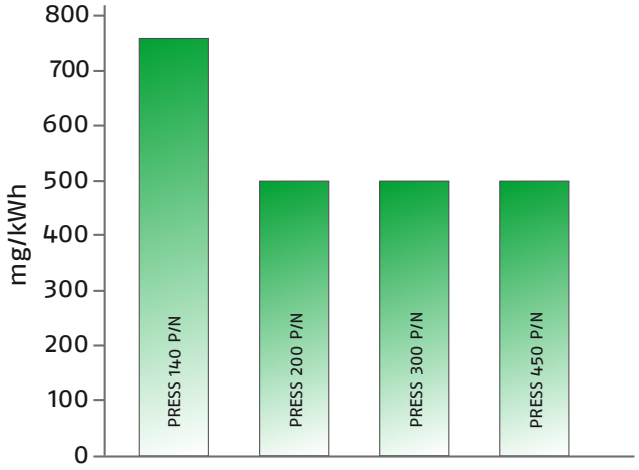
"MODULATING" OPERATION



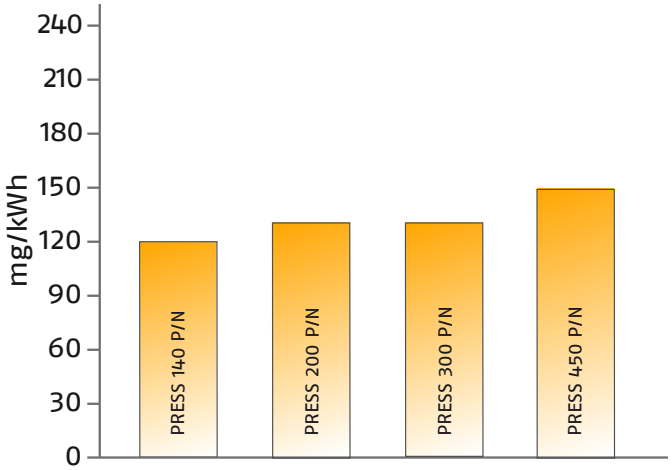
Emissions

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

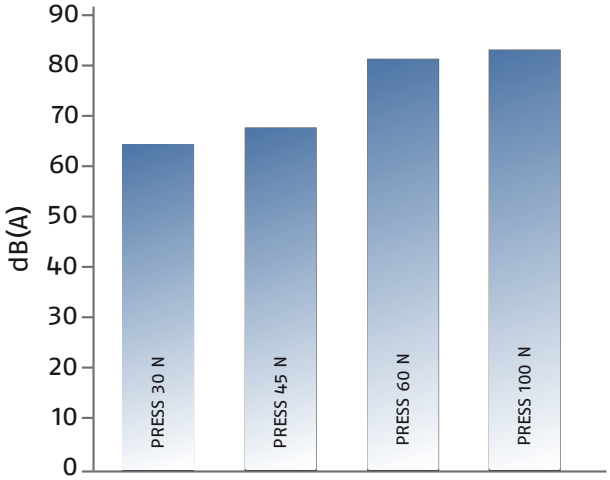
NO_2 EMISSIONS



CO EMISSIONS



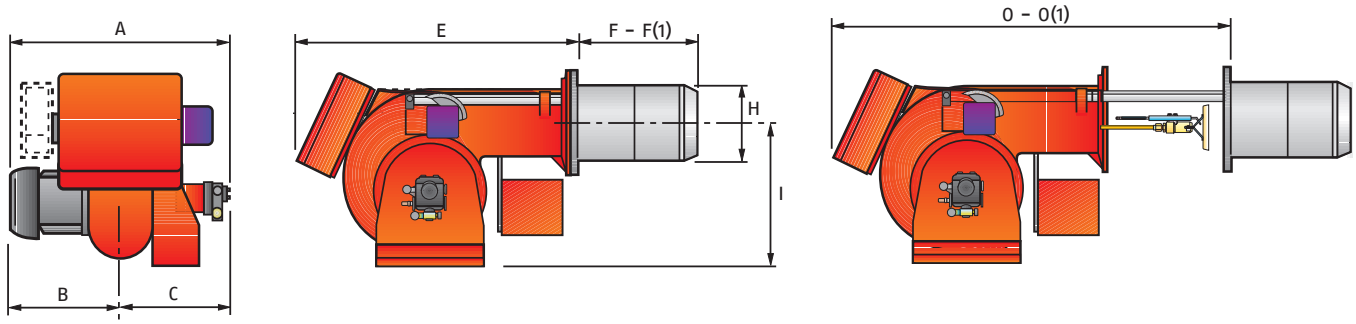
NOISE EMISSIONS



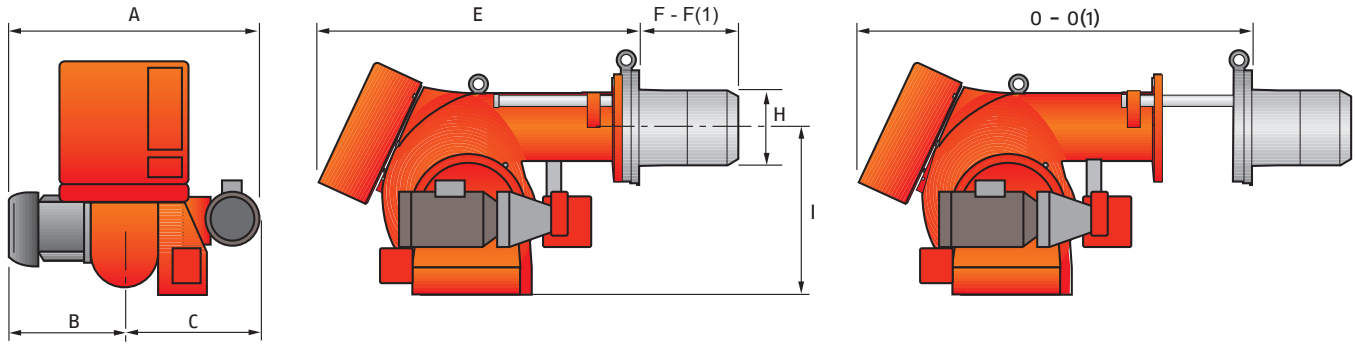
Overall Dimensions (mm)

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.

PRESS P/N



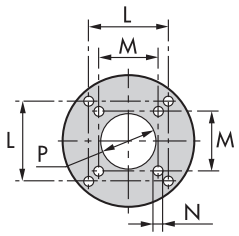
PRESS P/N ECO



MODEL	A	B	C	E	F – F (1)	H	I	0 – 0 (1)
P 140 P/N	796	396	400	910	323 – 433	222	467	1390 – 1390
P 200 P/N	796	396	400	910	352 – 462	250	467	1390 – 1390
P 300 P/N	858	447	411	1020	376 – 506	295	496	1535 – 1685
P 450 P/N	950	508	442	1090	435 – 565	336	525	1665 – 1820
P 140 P/N ECO	900	396	504	890	323 – 433	222	467	1370 – 1370
P 200 P/N ECO	900	396	504	890	352 – 462	250	467	1370 – 1370
P 300 P/N ECO	984	447	537	1000	376 – 506	295	496	1515 – 1665
P 450 P/N ECO	1100	508	592	1090	435 – 565	336	525	1665 – 1820

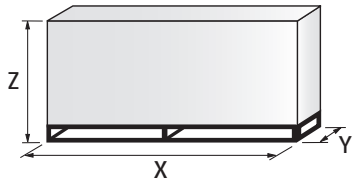
(1) Length with extended combustion head

BURNER – BOILER MOUNTING FLANGE



MODEL	L	M	N	P
P 140 P/N (ECO)	260	230	M 14	225
P 200 P/N (ECO)	260	-	M 16	255
P 300 P/N (ECO)	260	-	M 18	300
P 450 P/N (ECO)	310	-	M 20	350

PACKAGING



MODEL	X	Y	Z	kg
P 140 P/N (ECO)	1740	990	950	180
P 200 P/N (ECO)	1740	990	950	220
P 300 P/N (ECO)	2040	1180	1125	238
P 450 P/N (ECO)	2040	1180	1125	300

Installation Description

Skilled and qualified personnel must perform installation, start up and maintenance.
All operations must be carried in accordance with the technical handbook supplied with the burner.

BURNER SETTING

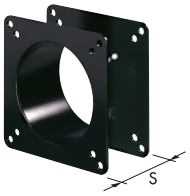
- All the burners have slide bars, for easier installation and maintenance.
- After removing the cover, the split pin and the pin, the nuts and the screws, dismantle the blast tube form the burner of approximatively 100-120mm and fix it to the boiler.
- Adjust the combustion head.
- Refit the burner 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, fasten the screws, the nuts, the split pin and the pin.

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 (after checking rotation direction if it is a three phase motor).
- On start up, check:
  - pressure pump and valve unit regulator (to max. and min.);
  - combustion quality, in terms of unburned substances and excess air.

Burner accessories

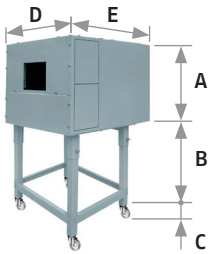
SPACER KIT



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
P 140 P/N - P 200 P/N	110	3000722
P 300 P/N	130	3000723
P 450 P/N	130	3000751

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
P 140 - 200 P/N	C4/5	850	160-980	110	980	930	10	3010404
P 300 - 450 P/N P 140 - 200 P/N ECO P 300 - 450 P/N ECO	C7	1255	160-980	110	1140	1345	10	3010376

(*) 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 60°E viscosity at 50°C.

FILTER TYPE	FILTERING DEGREE (µm)	CODE
ø = 1" 1/2 (60°E - at 50°C)	300	3010022

HEATER / THERMOSTAT TYPE	CODE
Thermostatic heater with LED	3010060
Heater	3010061
Thermostat (two-stage / regulable)	3010062

GAS SEPARATOR BOTTLE

Gas separator bottle connects the burner oil circuit to the main ring circuit. It allows to recover heat in excess and discharge return circuit gas.

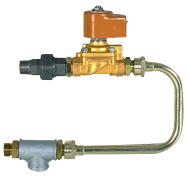
BURNER	CODE
P 140 - 200 P/N	3000748
P 300 - 450 P/N	3010012

HEAVY OIL KIT

Equipped with electrical heaters, it permits the employment of PRESS P/N burners with fuel oil of max. viscosity at 50°C: 20°E (150 mm^2/s, cSt), Type BUNKER B / USA n° 5.

BURNER	CODE
P 140 - 200 - 300 - 450 P/N	3000721

HEAVY OIL PRECIRCULATION KIT



This kit, used with oil with high viscosity, in maintains fuel circulation in the oil circuit for avoiding system stop at start up.

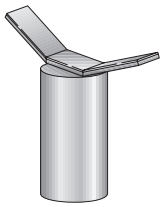
BURNER	CODE
P 140 - 200 P/N	3000749
P 300 - 450 P/N	3000750

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
P 140 - 200 - 300 - 450 P/N	3005209

BURNER SUPPORT



For easier maintenance, a mobile burner support has been designed, which means the burner can be dismantled without the need of forklift trucks.

BURNER	CODE
P 300 - 450 P/N	3000731

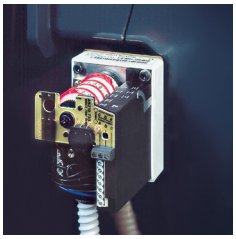
Accessories for modulating operation

To obtain modulating operation, the PRESS P/N series of burners requires a regulator.

BURNER	REGULATOR TYPE	REGULATOR CODE
P 140 - 200 - 300 - 450 P/N	RWF 50.2	20100018
	RWF 55.5	20101965

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

BURNER	PROBE TYPE	RANGE (°C) (bar)	PROBE CODE
P 140 - 200 - 300 - 450 P/N	Temperature PT 100	-100 ÷ 500°C	3010110
P 140 - 200 - 300 - 450 P/N	Pressure 4 ÷ 20 mA	0 ÷ 2.5 bar	3010213
P 140 - 200 - 300 - 450 P/N	Pressure 4 ÷ 20 mA	0 ÷ 16 bar	3010214
P 140 - 200 - 300 - 450 P/N	Pressure 4 ÷ 20 mA	0 ÷ 25 bar	3090873



Depending on the servomotor fitted to the burner, a three-pole potentiometer (1000 Ω) can be installed to check the position of the servomotor.

BURNER	CODE
P 140 - 200 - 300 - 450 P/N	3010021

Available for P/N and P/N ECO versions

NOZZLE

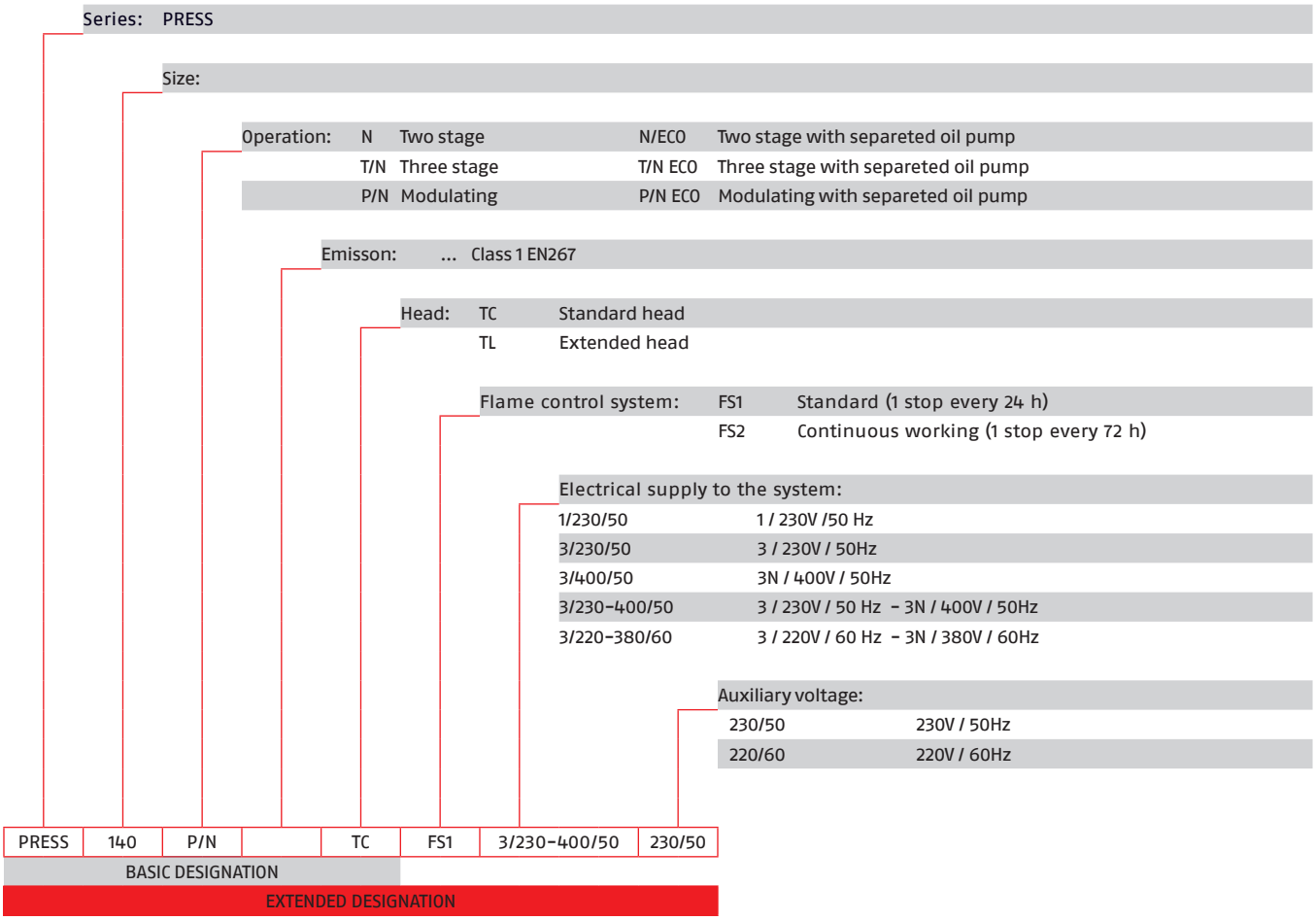
The nozzles must be ordered separately. The following table shows the features and codes on the basis of the maximum required output.
NOTE: each burner needs N° 1 nozzle.

BURNER	RATED OUTPUT (kg/h)	NOZZLES BERGONZO B5 45°- WITH "AA" NEEDLE CODE	NOZZLES FLUIDICS W2 45°- WITH "AA" NEEDLE CODE
P 140 P/N	70	3009203	3045426
P 140 P/N	80	3009205	3045427
P 140 P/N	90	3009207	3045428
P 140 P/N – P 200 P/N	100	3009209	3045430
P 140 P/N – P 200 P/N	125	3009211	3045432
P 200 P/N – P 300 P/N	150	3009213	3045434
P 200 P/N – P 300 P/N	175	3009215	3045436
P 200 P/N – P 300 P/N	200	3009800	3045438
P 200 P/N – P 300 P/N	225	3009801	3045440
P 300 P/N – P 400 P/N	250	3009802	3045442
P 300 P/N – P 400 P/N	275	3009803	3045444
P 300 P/N – P 400 P/N	300	3009804	3045446
P 450 P/N	325	3009805	3045448
P 450 P/N	350	3009806	3045450
P 450 P/N	375	3009807	3045452
P 450 P/N	400	3009808	3045454
P 450 P/N	425	3009809	3045455
P 450 P/N	450	3009810	3045456

Specification

DESIGNATION OF SERIES

A specific index guides your choice of burner from the various models available in the PRESS P/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)		
P 140 P/N	FS1 3/230-400/50	400/800÷1600	35/70÷140	19	-	
P 140 P/N	FS1 3/230-400/50	400/800÷1600	35/70÷140	19	-	
P 200 P/N	FS1 3/230-400/50	570/1140÷2280	50/100÷200	20	-	
P 200 P/N	FS1 3/230-400/50	570/1140÷2280	50/100÷200	20	-	
P 300 P/N	FS1 3/230/50	683/1710÷3420	60/150÷300	30	-	(1)
P 300 P/N	FS1 3/230-400/50	683/1710÷3420	60/150÷300	30	-	
P 300 P/N	FS1 3/400/50	683/1710÷3420	60/150÷300	30	-	(1)
P 300 P/N	FS1 3/230/50	683/1710÷3420	60/150÷300	30	-	(1)
P 300 P/N	FS1 3/230-400/50	683/1710÷3420	60/150÷300	30	-	
P 300 P/N	FS1 3/400/50	683/1710÷3420	60/150÷300	30	-	(1)
P 450 P/N	FS1 3/230/50	1140/2615÷5130	100/225÷450	34	-	(1)
P 450 P/N	FS1 3/400/50	1140/2615÷5130	100/225÷450	34	-	(1)
P 450 P/N	FS1 3/230/50	1140/2615÷5130	100/225÷450	34	-	(1)
P 450 P/N	FS1 3/400/50	1140/2615÷5130	100/225÷450	34	-	(1)

Net calorific value: 11.16 kWh/kg; 9600 kcal/kg
The burners of PRESS series are in according to 2014/30/UE - 2014/35/UE - 2006/42 EC Directive and EN 267 Norm.
For ECO model, ask for specific code.

STATE OF SUPPLY

Monoblock forced draught oil burner with two-stage progressive or modulating operation, with a specific kit, fully automatic, made up of:
- Air suction circuit lined with sound-proofing material
- Fan with forward curved blades high performance pressure levels
- Air damper for air setting and automatic oil output regulator controlled by a servomotor with variable cam
- Fan motor at 2850 rpm, three-phase 400V with neutral, 50Hz
- Combustion head, that can be set on the basis of the combustion output, 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
- Heavy oil heating cartridges (P/N ECO version)
- Pipes heating cable (P/N ECO version)
- Oil pump motor at 1400 rpm (P/N ECO version)
- Valve unit with a double oil safety valve on the output circuit
- Electrical preheater for heavy oil
- Safey oil pressure switch
- Photocell for flame detection
- Burner safety control box, fitted with control function for the correct positioning of the servomotor and possibility of post-ventilaton by just changing the electric wiring
- Flame inspection window
- Slide bars for easier installation and maintenance
- Protection filter against radio interference
- IP X0D (IP 40) electric protection level.

Standard equipment:
- 2 flexible pipes for connection to the oil supply network
- 2 nipples for the connection to the pump
- Wiring looms fittings for electrcial connections
- 4 screws for fixing the burner flange to the boiler
- 2 slide bar extensions (for the extended head models of P 300 P/N and P 450 P/N)
- Gasket for flange
- Starter*
- Instruction handbook for installation, use and maintenance
- Spare parts catalogue.

* for versions with star-delta starting

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:
- Spacer kit
- Sound proofing box
- Self cleaning filter
- Gas separator bottle
- Heavy oil kit
- Heavy oil precirculation kit
- Cartridge filter
- Burner support
- Nozzle

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

10/2016
TS0043UK03

[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.

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