



LIGHT OIL BURNERS

BTL 14 - RINOX 190



**Light oil burner. Operation:**

Low NOx and CO emissions light oil burner according to European standard EN267:

Adjusting the combustion head.

Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.

Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.

Combustion air intake with butterfly valve. Air flow adjustment:

Fully closing air damper on shutdown to avoid loss of heat through the chimney.

Device made of sound-absorbing material to reduce fan noise.

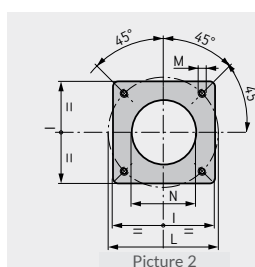
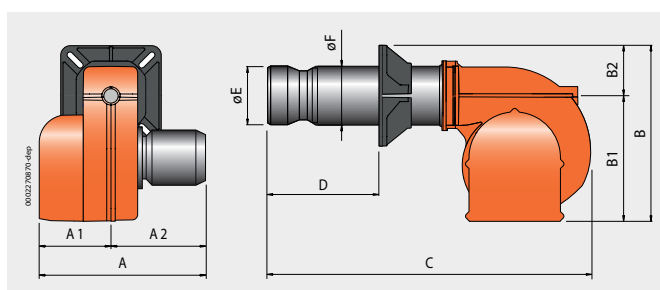
Fuel supply circuit made of gear pump with pressure adjustment and shut-off valves.

Flame detection by photoresistance.

Electric protection rating:

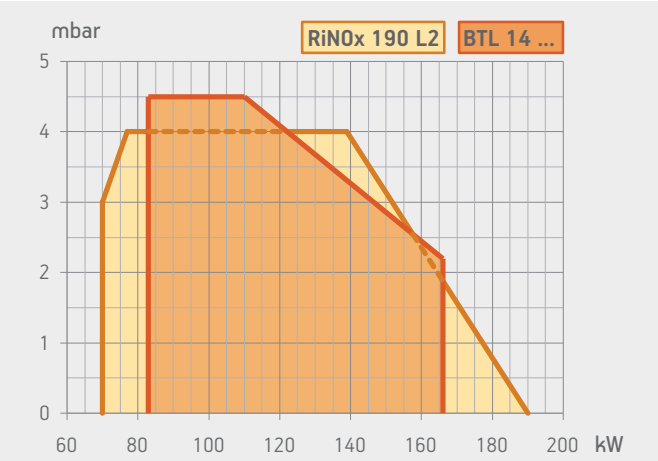
Sound-proof plastic protective cover.

	BTL 14	BTL 14 P	RiNOx 190 L2
	single-stage	single-stage	two-stage
			class 3
Adjusting the combustion head.	•	•	•
Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.	•	•	•
Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.	•	•	•
Combustion air intake with butterfly valve. Air flow adjustment:	manual	electric servomotor	electric servomotor
Fully closing air damper on shutdown to avoid loss of heat through the chimney.	•	•	•
Device made of sound-absorbing material to reduce fan noise.	•	•	•
Fuel supply circuit made of gear pump with pressure adjustment and shut-off valves.	•	•	•
Flame detection by photoresistance.	•	•	•
Electric protection rating:	IP40	IP40	IP40
Sound-proof plastic protective cover.	•	•	•



Flange dimensions and boiler drilling template.

Model	A mm	A1 mm	A2 mm	B mm	B1 mm	B2 mm	C mm	D mm	E mm	F mm	I mm	L mm	M mm	N mm	Pic.
BTL 14	303	158	145	358	275	83	620	100 ÷ 250	100	100	166	150 ÷ 200	M10	110	2
BTL 14 P	303	158	145	358	275	83	620	100 ÷ 250	100	100	166	150 ÷ 200	M10	110	2
RiNOx 190 L2	303	158	145	358	275	83	620	100 ÷ 250	100	100	166	150 ÷ 200	M10	110	2



Model	Size of packaging			Weight
	L	P	H	
	mm			kg
BTL 14	780	370	410	18
BTL 14 P	780	370	410	18
RiNOx 190 L2	780	370	410	18

	Emissions class	Thermal output kW	Model	Part no.	Max visc. °E at 20°C	Electrical supply	Motor kW	Notes
			Frequency 50 Hz					
	class 3	83 ÷ 166	BTL 14	35610010	1,5	1N AC 50Hz 230V	0,18	1) 3)
83 ÷ 166		BTL 14 P	35620010	1,5	1N AC 50Hz 230V	0,18	1) 3)	
70 ÷ 190		RiNOx 190 L2	35640050	1,5	1N AC 50Hz 230V	0,18	1) 3)	
			Frequency 60 Hz					
		83 ÷ 166	BTL 14	35615410	1,5	1N AC 60Hz 220V	0,25	1) 3)
		83 ÷ 166	BTL 14 P	35625410	1,5	1N AC 60Hz 220V	0,25	1) 3)

OPTIONALS

DESCRIPTION

BTL 14/14 P: 500 mm long combustion head

Biodiesel operation (5)

LIGHT OIL BURNER ACCESSORIES

Line filter, flex hoses, nozzle, boiler coupling kit, plug for wiring.

NOTES

- 1 Equipped with air closure device.
 - 3 Soundproof lid on burner air intake.
 - 5 Biodiesel according to european norm EN14213-FAME.
- Net calorific value of light oil: Hi = 42,70 MJ/kg = 10200 kcal/kg.



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