



LIGHT OIL

Light oil burner. Operation:

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.

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

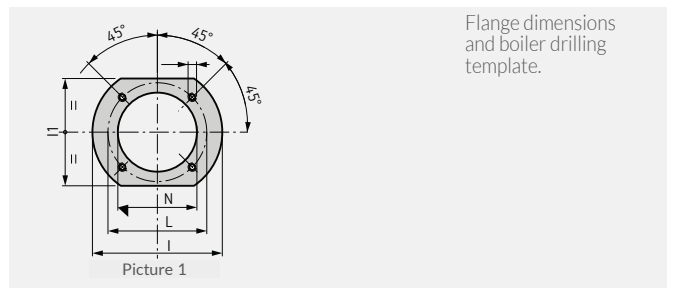
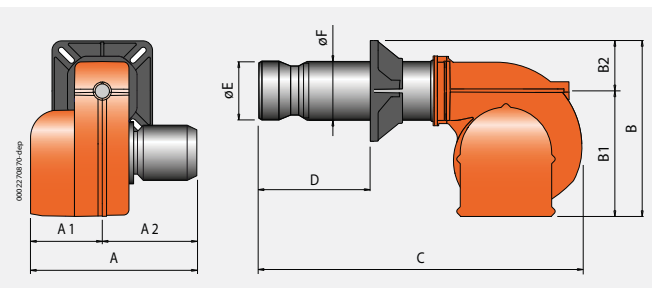
Light oil preheater with variable capacity.

Flame detection by photoresistance.

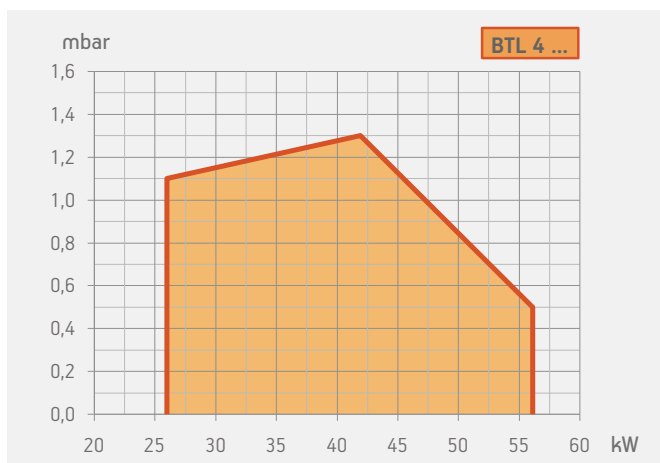
Electric protection rating:

Sound-proof plastic protective cover.

	BTL 4	BTL 4 H	BTL 4 P
	single-stage	single-stage	two-stage
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	manual	electric servomotor
Fully closing air damper on shutdown to avoid loss of heat through the chimney.	•	•	•
Fuel supply circuit made of gear pump with pressure adjustment and shut-off valves.	•	•	•
Light oil preheater with variable capacity.		•	
Flame detection by photoresistance.	•	•	•
Electric protection rating:	IP40	IP40	IP40
Sound-proof plastic protective cover.	•	•	•



Model	A mm	A1 mm	A2 mm	B mm	B1 mm	B2 mm	C mm	D mm	E mm	F mm	I mm	I1 mm	L mm	M mm	N mm	Pic.
BTL 4	246	123	123	289	219	70	410	50 ÷ 105	80	80	170	140	130 ÷ 155	M8	85	1
BTL 4 H	246	123	123	289	219	70	410	50 ÷ 105	80	80	170	140	130 ÷ 155	M8	85	1
BTL 4 P	246	123	123	289	219	70	410	50 ÷ 105	80	80	170	140	130 ÷ 155	M8	85	1



Model	Size of packaging			Weight kg
	L	P mm	H	
BTL 4	540	300	320	12
BTL 4 H	540	300	320	12
BTL 4 P	540	300	320	12

LIGHT OIL

	Emissions class kW	Model	Part no.	Max visc. °E at 20°C	Electrical supply	Motor kW	Notes
Frequency 50 Hz							
	26,0 ÷ 56,1	BTL 4	35490010	1,5	1N AC 50Hz 230V	0,1	1)
	26,0 ÷ 56,1	BTL 4 H	35490011	1,5	1N AC 50Hz 230V	0,1	1) 2)
	26,0 ÷ 56,1	BTL 4 P	35500010	1,5	1N AC 50Hz 230V	0,1	1)
Frequency 60 Hz							
	26,0 ÷ 56,1	BTL 4	35490010	1,5	1N AC 60Hz 220V	0,1	1)
	26,0 ÷ 56,1	BTL 4 H	35490011	1,5	1N AC 60Hz 220V	0,1	1) 2)
	26,0 ÷ 56,1	BTL 4 P	35500010	1,5	1N AC 60Hz 220V	0,1	1)

OPTIONALS

DESCRIPTION

200 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.
- 2 Equipped with light oil pre-heater with drop-stop device.
- 5 Biodiesel according to european norm EN14213-FAME.
Net calorific value of light oil: Hi = 42,70 MJ/kg = 10200 kcal/kg.