



# LIGHT OIL BURNERS

## TBL 130



**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.

High ventilation efficiency, low electrical input, low noise.

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.

Combustion air intake designed to achieve optimum linearity of the air gate opening.

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

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

Flame detection by photoresistance.

Control panel with display diagram for working mode with indication lights.

Electric protection rating:

**TBL 130 P****two-stage**

class 2

**TBL 130 P DACA****two-stage**

class 2

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hydraulic jack

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IP40

electric servomotor

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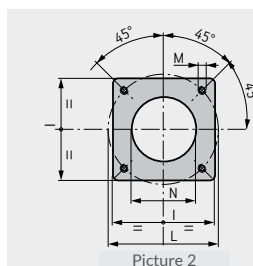
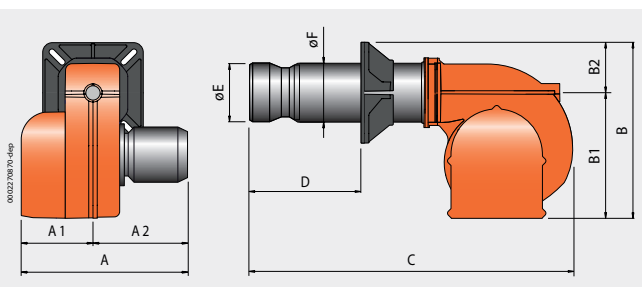
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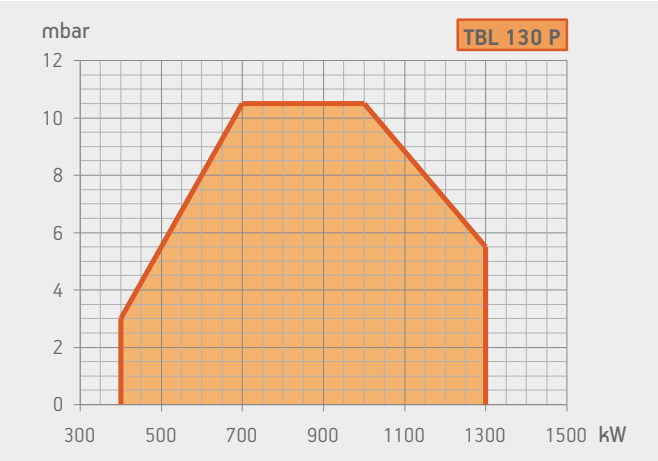
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Flange dimensions  
and boiler drilling  
template.

Picture 2

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.
TBL 130 P	680	310	370	520	380	140	1250	175 ÷ 400	180	178	280	250 ÷ 325	M12	190	2
TBL 130 P DACA	680	310	370	520	380	140	1250	175 ÷ 400	180	178	280	250 ÷ 325	M12	190	2



Model	Size of packaging			Weight kg
	L	P mm	H	
TBL 130 P	1070	800	700	85
TBL 130 P DACA	1070	800	700	85

	Emissions class	Thermal output kW	Model	Part no.	Max visc. °E at 20°C	Electrical supply	Motor kW	Notes
Frequency 50 Hz								
	class 2	400 ÷ 1300	TBL 130 P	35900010	1,5	3N AC 50Hz 400V	2,2	
	class 2	400 ÷ 1300	TBL 130 P DACA	35900110	1,5	3N AC 50Hz 400V	2,2	3) 4)
Frequency 60 Hz								
	class 2	400 ÷ 1300	TBL 130 P	35905410	1,5	3N AC 60Hz 380V	2,2	
	class 2	400 ÷ 1300	TBL 130 P DACA	35905420	1,5	3N AC 60Hz 380V	2,2	3) 4)

OPTIONALS

DESCRIPTION
Biodiesel operation (5)

ACCESSORIES AVAILABLE ON REQUEST

DESCRIPTION	PART NO.
Soundproof burner cover	97980053

LIGHT OIL BURNER ACCESSORIES

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

NOTES

- 3 Soundproof lid on burner air intake.
- 4 Equipped with air closure device.
- 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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