

Burners

CODE 31310010

BT 250 DSG 4T 50HZ



Diesel burner. Two-stage operation

Regulating combustion air and blast-pipe.

Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.

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

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.

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

Atomisation unit with nozzle-closing pin.

Flame detection by photoresistance.

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

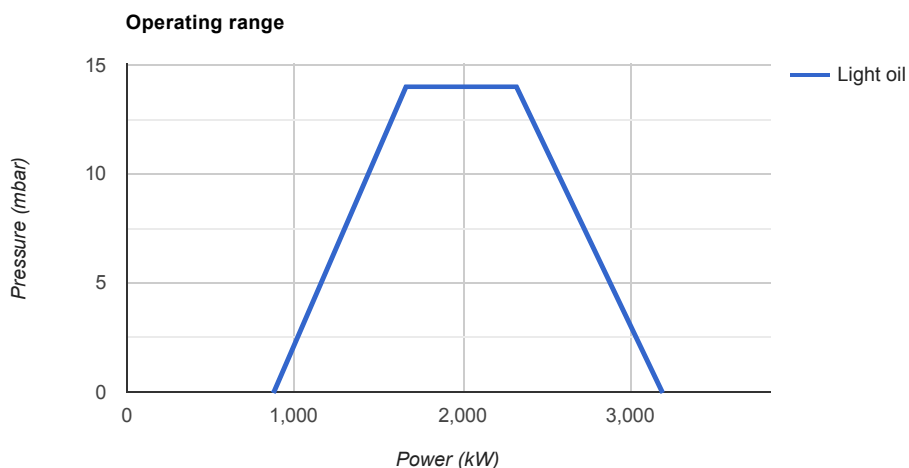
Electric control board in light aluminum alloy with IP55 protection rating

7-pole socket for burner electric and thermostatic supply.

4-pole socket for second stage control.

Electric protection rating:

Operating range



Technical data

Tipo articolo	Diesel burner. Two-stage operation
Regolazione aria e testa	Regulating combustion air and blast-pipe.
Regolazione aria	Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.

Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney.
Fuel	Gasolio
Operation	Bistadio
Minimum Thermal Power (kW) to ErP	873
Maximum Thermal Power (kW) to ErP	3186
Min flow rate (Sm ³ /H)	74
Max flow rate (Sm ³ /H)	269
Manutenzione facilitata	Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.
Max Viscosity (°E)	1.5
Flangia	Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.
Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve
Gruppo polverizzatore	Atomisation unit with nozzle-closing pin.
Controllo fiamma	Flame detection by photoresistance.
Quadro comandi	Control panel with display diagram for working mode with indication lights .
Quadro comandi	Electric control board in light alluminum alloy with IP55 protection rating
	7-pole socket for burner electric and thermostatic supply.
Presse 4 poli	4-pole socket for second stage control.
Protezione elettrica	Electric protection rating:
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50
Fan Motor Power (kW)	7,5
Weight without packaging (kg)	170
Weight with packaging (kg)	225
Width (mm)	1730
Depth (mm)	1030
Height (mm)	880