

Burners

CODE 31510010

BT 300 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 .

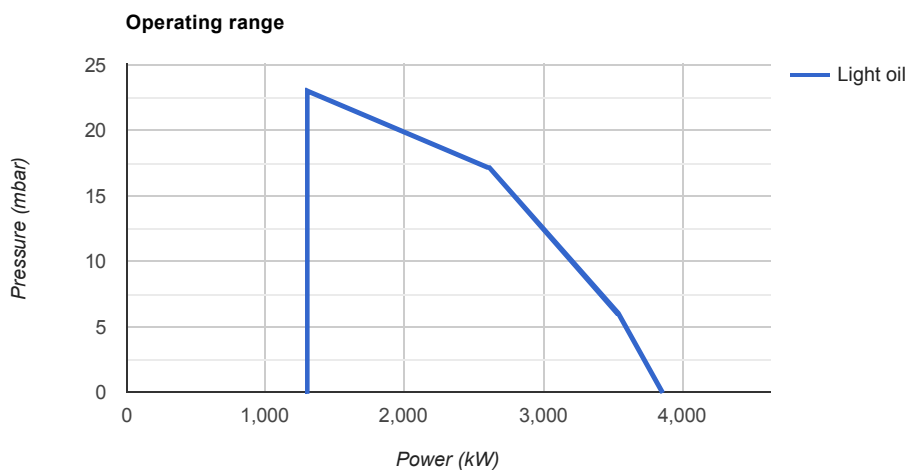
Electric control board in light aluminum alloy with IP55 protection rating

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.

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|------------------------------------|---|
| 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 | 1304 |
| Maximum Thermal Power (kW) to ErP | 3854 |
| Min flow rate (Sm ³ /H) | 110 |
| Max flow rate (Sm ³ /H) | 325 |
| 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) | 180.5 |
| Weight with packaging (kg) | 255 |
| Width (mm) | 2020 |
| Depth (mm) | 1140 |
| Height (mm) | 1010 |