

Burners

CODE 67340010

**TBML 1200 ME**



Diesel burner. Two-stage operation

Gas burner with low NOx and CO emissions in accordance with European standard EN267: class 2.

Regulating combustion air and blast-pipe.

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

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

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.

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 .

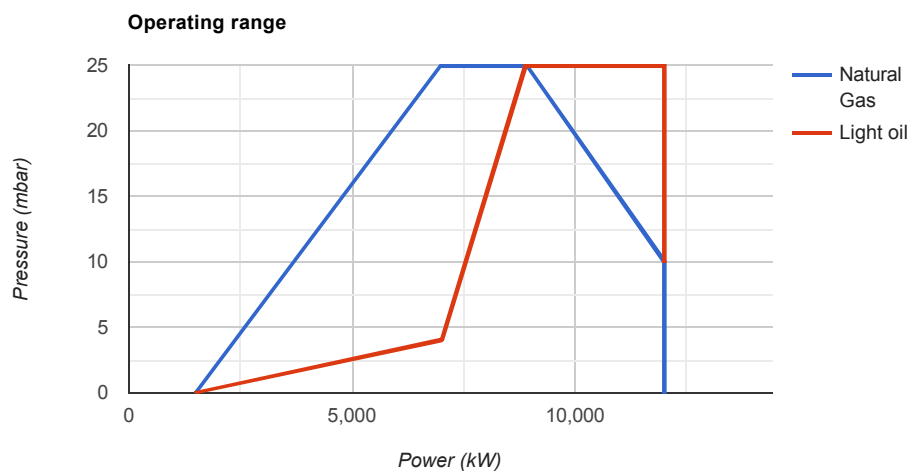
Electric control board in light alluminum alloy with IP55 protection rating

7-pole socket for burner electric and thermostatic supply.

4-pole socket for second stage control.

Electrical system with protection rating IP44.

## Operating range



## Technical data



Emissioni Lato Gasolio	Gas burner with low NOx and CO emissions in accordance with European standard EN267: class 2.
Regolazione aria e testa	Regulating combustion air and blast-pipe.
Regolazione aria	Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.
Ingresso aria	Combustion air intake designed to achieve optimum linearity of the air gate opening.
Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney.
Fuel	Metano
Operation	Modulante Elettronico
Minimum Thermal Power (kW) to ErP	1500
Maximum Thermal Power (kW) to ErP	12000
Min flow rate (Sm <sup>3</sup> /H)	159
Max flow rate (Sm <sup>3</sup> /H)	1270
Second Fuel	Gasolio
Second Fuel Operation	Modulante Elettronico
Second Fuel Min Thermal Power (kW)	3160
Second Fuel Max Thermal Power (kW)	12000
Manutenzione facilitata	Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.
Min flow rate (kg/h)	266
Max flow rate (kg/h)	1012
Max Viscosity (°E)	1.5
Flangia	Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.
Antirumore	Device made of sound-absorbing material to reduce fan noise.
Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve
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 aluminum alloy with IP55 protection rating
	7-pole socket for burner electric and thermostatic supply.
Presa 4 poli	4-pole socket for second stage control.
Protezione elettrica	Electrical system with protection rating IP44.
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50
Fan Motor Power (kW)	22
Weight with packaging (kg)	637
Width (mm)	2610
Depth (mm)	1760
Height (mm)	1470