

Burners

CODE 67380010

TBML 900 ME



Burner with alternate methane gas/diesel fuel supply, EC approved according to European Directives EN676 and EN267. Electronic modulating operation.

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

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

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.

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

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

Flame detection by means of infrared IRD photocell

Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment

Electrical system with protection rating IP54

Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 3

Modulation ratio: gas 1:9, diesel 1:4

Fixed boiler coupling flange

Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler

CE version main gas train is complete with operation and safety valve with electromagnetic drive, valve tightness control, minimum and maximum pressure switch, pressure regulator and gas filter

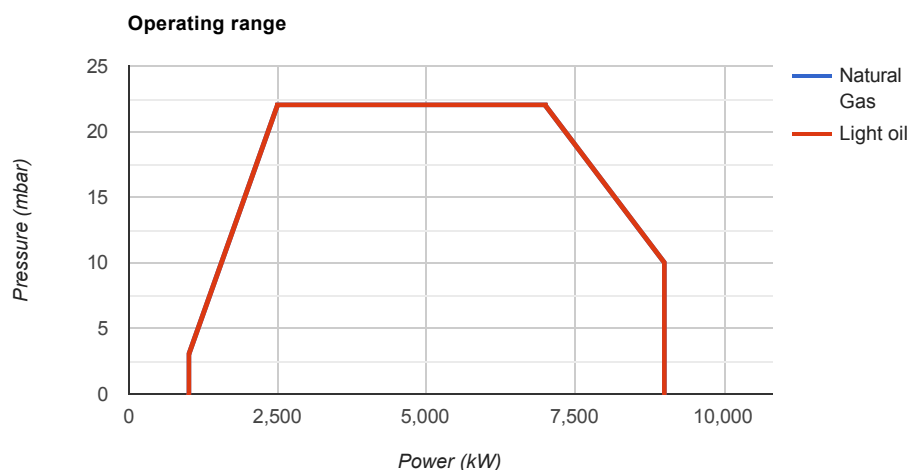
Fail proof connectors for burner/gas train connection

Gas train exit: low

Electric motor for pump drive

Manual fuel switching

Operating range



Technical data

Tipo articolo	Burner with alternate methane gas/diesel fuel supply, EC approved according to European Directives EN676 and EN267. Electronic modulating operation.
Rapporto Modulazione	Modulation ratio: gas 1:9, diesel 1:4
Emissioni Lato Gas	Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 3
Emissioni Lato Gasolio	Gas burner with low NOx and CO emissions in accordance with European standard EN267: class 2
Regolazione aria	Combustion air intake with throttle damper. Air flow adjustment with electric cam
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	1000
Maximum Thermal Power (kW) to ErP	9000
Min flow rate (Sm ³ /H)	106
Max flow rate (Sm ³ /H)	952
Second Fuel	Gasolio
Second Fuel Operation	Modulante Elettronico
Second Fuel Min Thermal Power (kW)	2000
Second Fuel Max Thermal Power (kW)	9000
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)	169
Max flow rate (kg/h)	759
Max Viscosity (°E)	1.5
Flangia	Fixed boiler coupling flange
Cerniera	Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler
Antirumore	Device made of sound-absorbing material to reduce fan noise.
Gas Train	CE version main gas train is complete with operation and safety valve with electromagnetic drive, valve tightness control, minimum and maximum pressure switch, pressure regulator and gas filter
Connettore rampa gas	Fail proof connectors for burner/gas train connection
Uscita della rampa gas	Gas train exit: low
Motore	Electric motor for pump drive
Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valve, shut-off valves and safety valve, safety pressure switch
Commutazione combustibile	Manual fuel switching
Controllo fiamma	Flame detection by means of infrared IRD photocell
Quadro comandi	Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment
Protezione elettrica	Electrical system with protection rating IP54
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50
Fan Motor Power (kW)	18,5
Weight without packaging (kg)	394,2

Weight with packaging (kg)	570
Width (mm)	2200
Depth (mm)	1460
Height (mm)	1240