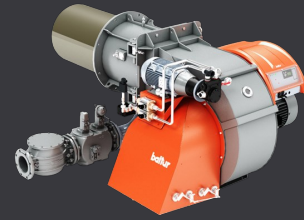


Burners

CODE 67550010

TBML 2000 ME 50HZ



Burner with alternating supply of methane gas / light oil CE approved according to European standards EN676 and EN267. Progressive two-stage operation. Modulating operation available for both fuels by modulation kit (to be ordered separately)

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

Regolazione della testa di combustione

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

Fixed boiler coupling flange

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

Continuous modulation operation by installing P.I.D. controller in the control panel (to be ordered separately with modulation probe)

Modulation ratio: gas 1:6, diesel 1:4

Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 2

Electric motor for pump drive

Fail proof connectors for burner/gas train connection

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

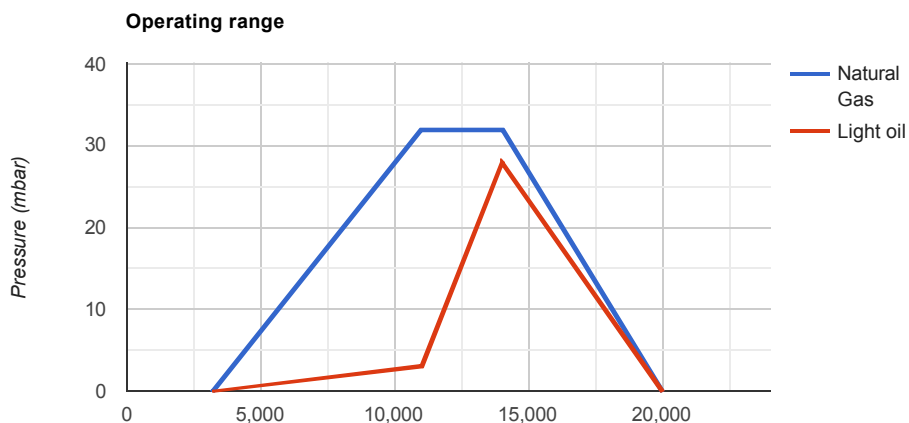
Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler

Combustion air intake with throttle damper. Electric cam air flow adjustment

Gas train exit: low

Manual fuel switching

Operating range



Technical data

Tipo articolo	Burner with alternating supply of methane gas / light oil CE approved according to European standards EN676 and EN267. Progressive two-stage operation. Modulating operation available for both fuels by modulation kit (to be ordered separately)
Funzionamento modulante	Continuous modulation operation by installing P.I.D. controller in the control panel (to be ordered separately with modulation probe)
Rapporto Modulazione	Modulation ratio: gas 1:6, diesel 1:4
Emissioni Lato Gas	Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 2
Emissioni Lato Gasolio	Gas burner with low NOx and CO emissions in accordance with European standard EN267: class 2
Regolazione aria	Regolazione della testa di combustione
Regolazione aria	Combustion air intake with throttle damper. Electric cam air flow adjustment
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	3200
Maximum Thermal Power (kW) to ErP	20000
Min flow rate (Sm ³ /H)	339
Max flow rate (Sm ³ /H)	2116
Second Fuel	Gasolio
Second Fuel Operation	Modulante Elettronico
Second Fuel Min Thermal Power (kW)	5000
Second Fuel Max Thermal Power (kW)	20000
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)	422
Max flow rate (kg/h)	1686
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
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)	45
Weight with packaging (kg)	980
Width (mm)	2750
Depth (mm)	2050
Height (mm)	1520