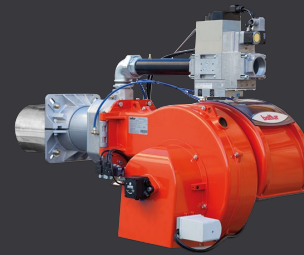


Burners

CODE 56740010

TBML 210 LX ME 50HZ



Burner with alternate methane gas/diesel fuel supply, EC approved according to European Directives EN676 and EN267. Gas side modulating operation, diesel side two-stage

Gas burner with low NO_x and CO emissions in accordance with European standard EN676: class 3.

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

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 gas train is complete with butterfly valve, operation and safety valve with electromagnetic drive, valve tightness control, minimum pressure switch, pressure regulator and gas filter

Fail proof connectors for burner/gas train connection

Gas train exit: up

Flame detection by UV photocell

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

Electrical system with protection rating IP40

Gas 1:4 , Light oil1:3

Brucciatoe lato gasolio a basse emissioni di NO_x e CO secondo la normativa europea EN267: classe 2

Adjusting the combustion head

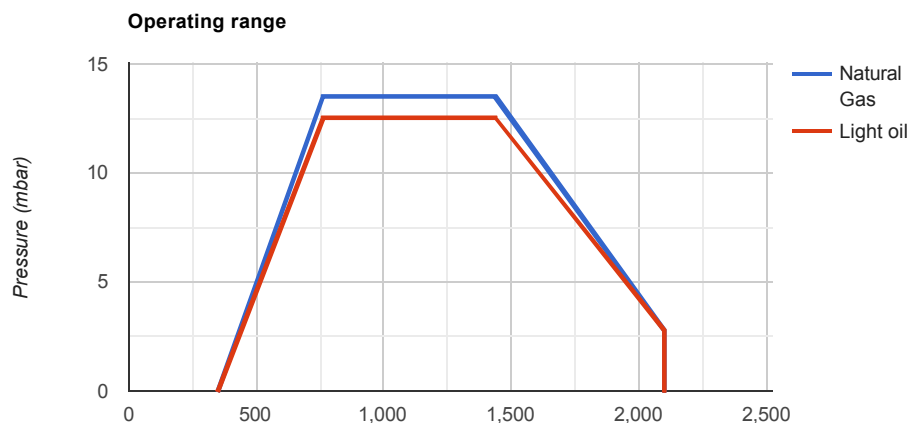
Pump connected to fan motor through electromagnetic clutch

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

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

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. Gas side modulating operation, diesel side two-stage
Rapporto Modulazione	Gas 1:4 , Light oil1:3
Emissioni Lato Gas	Gas burner with low NOx and CO emissions in accordance with European standard EN676: class 3.
Emissioni Lato Gasolio	Bruciatore lato gasolio a basse emissioni di NOx e CO secondo la normativa europea EN267: classe 2
Regolazione aria	Adjusting the combustion head
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	Metano
Operation	Modulante Elettronico
Minimum Thermal Power (kW) to ErP	350
Maximum Thermal Power (kW) to ErP	2100
Min flow rate (Sm ³ /H)	37
Max flow rate (Sm ³ /H)	222
Second Fuel	Gasolio
Second Fuel Operation	Bistadio
Second Fuel Min Thermal Power (kW)	450
Second Fuel Max Thermal Power (kW)	2100
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)	38
Max flow rate (kg/h)	177
Max Viscosity (°E)	1,5
Flangia	Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers
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
Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney
Gas Train	CE version gas train is complete with butterfly valve, operation and safety valve with electromagnetic drive, valve tightness control, minimum 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: up
Motore	Pump connected to fan motor through electromagnetic clutch
Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve
Commutazione combustibile	Manual fuel switching
Controllo fiamma	Flame detection by UV 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 IP40
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50

Fan Motor Power (kW)	5,5
Weight with packaging (kg)	129
Width (mm)	1070
Depth (mm)	870
Height (mm)	720