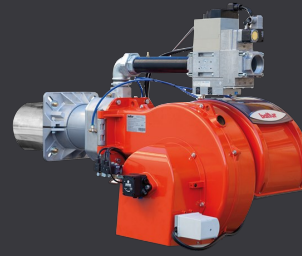


Burners

CODE 56880010

TBML 310 LX MC 50HZ



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

Modulation ratio 1:6

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

Combustion head adjustment

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.

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.

Device made of sound-absorbing material to reduce fan noise

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 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 IP40

Burner with Low NOx and CO emissions on light oil according to European standard EN267: 2

Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers

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

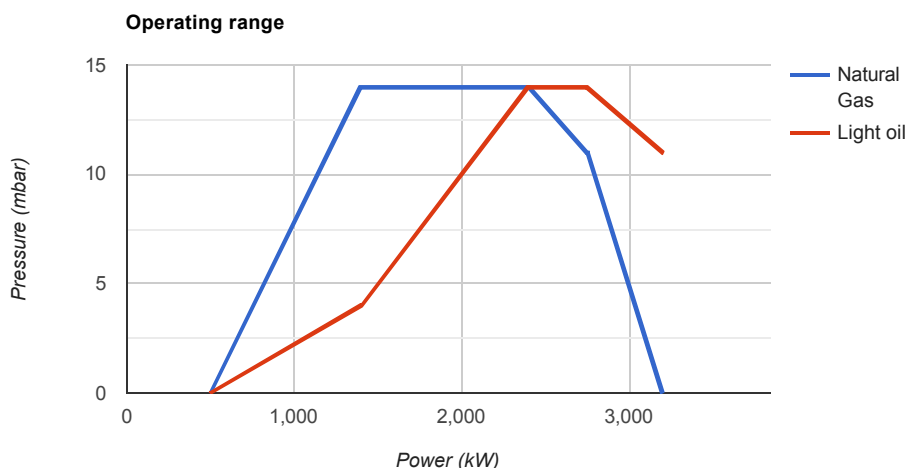
Pump connected to fan motor through electromagnetic clutch

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

Manual fuel switching

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

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 progressive two-stage operation, diesel side two-stage
Funzionamento	Continuous modulation operation by installing P.I.D. controller in the control panel (to be ordered separately with modulation probe)
Rapporto Modulazione	Modulation ratio 1:6
Emissioni Lato Gas	Gas burner with low NOx and CO emissions in accordance with European standard EN676: class 3
Emissioni Lato Gasolio	Burner with Low NOx and CO emissions on light oil according to European standard EN267: 2
Regolazione aria	Combustion air intake with throttle damper. Mechanical cam air flow adjustment
Regolazione aria	Combustion head adjustment
Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney.
Fuel	Metano
Operation	Modulante Meccanico
Minimum Thermal Power (kW) to ErP	500
Maximum Thermal Power (kW) to ErP	3200
Min flow rate (Sm ³ /H)	53
Max flow rate (Sm ³ /H)	339
Second Fuel	Gasolio
Second Fuel Operation	Bistadio
Second Fuel Min Thermal Power (kW)	950
Second Fuel Max Thermal Power (kW)	3200
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)	80
Max flow rate (kg/h)	270
Max Viscosity (°E)	1,5
Flangia	Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers
Cemiera	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 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
Pompa	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 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 IP40
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 with packaging (kg)	160
Width (mm)	1070
Depth (mm)	1070
Height (mm)	810