

Diesel burner. Two-stage operation

Regulating combustion air and blast-pipe.

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.

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

Atomisation unit with nozzle-closing pin.

Flame detection by photoresistance.

Control panel with display diagram for working mode with indication lights .

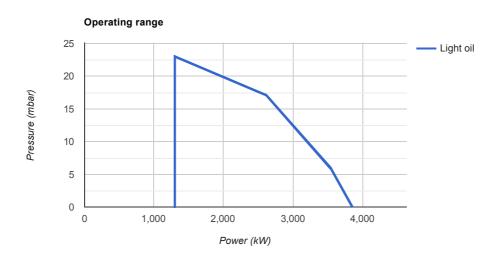
Electric control board in light alluminum alloy with IP55 protection rating

7-pole socket for burner electric and thermostatic supply.

4-pole socket for second stage control.

Electric protection rating:

Operating range



Technical data

Tipo articolo	Diesel burner. Two-stage operation
Regolazione aria e testa	Regulating combustion air and blast-pipe.
Regolazione aria	Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.

Fuel Gasolio Operation Bistactio Minimum Thermal Power (kW) to ErP 1304 Maximum Thermal Power (kW) to ErP 3884 Min flow rate (Sm*/H) 110 Max flow rate (Sm*/H) 325 Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler. Max Viscosity (*E) 1.5 Flangia Siding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Fuel Supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve adjustment, shut-off valves and safety valve adjustment shut-off valves and safety valve	Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney.
Minimum Thermal Power (kW) to ErP Maximum Thermal Power (kW) to ErP Maximum Thermal Power (kW) to ErP Min flow rate (Sm³/H) Max flow rate (Sm³/H) Max flow rate (Sm³/H) Manutenzione facilitata Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler. Max Viscosity (*E) 1.5 Flangia Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Control 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 alluminum 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 Electric power supply type AC No. of Phases 3N Power Supply Voltage (V) 400 Power Supply Frequency (Hz) Fan Motor Power (kW) 7,5 Weight with packaging (kg) 180.5 Weight with packaging (kg) Popth (mm) 1140	Fuel	Gasolio
Maximum Thermal Power (kW) to ErP Min flow rate (Sm²/H) Max flow rate (Sm²/H) Max flow rate (Sm²/H) Manutenzione facilitata Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler. Max Viscosity (*E) 1.5 Flangia Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Controllo flamma Flame detection by photoresistance. Quadro comandi Control panel with display diagram for working mode with indication lights. Quadro comandi Electric control board in light alluminum 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 Electric power supply type AC No. of Phases 3N Power Supply Voltage (V) 400 Power Supply Frequency (Hz) Fan Motor Power (kW) 7,5 Weight without packaging (kg) 180.5 Weight with packaging (kg) Pepth (mm) 1140	Operation	Bistadio
Min flow rate (Sm²/H) Max flow rate (Sm²/H) Manutenzione facilitata Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boller. Max Viscosity (°E) 1.5 Flangia Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Controllo flamma Flame detection by photoresistance. Quadro comandi Cantrol panel with display diagram for working mode with indication lights Quadro comandi Electric control board in light alluminum alloy with IP55 protection rating 7-pole socket for burner electric and thermostatic supply. Presa 4 poli Protezione elettrica Electric protection rating: Electric power supply type AC No. of Phases 3N Power Supply Voltage (V) 400 Power Supply Frequency (Hz) Fan Motor Power (kW) 7,5 Weight with packaging (kg) 180.5 Weight with packaging (kg) Poeth (mm) 1140	Minimum Thermal Power (kW) to ErP	1304
Max flow rate (Sm³/H) Manutenzione facilitata Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler. Max Viscosity (°E) 1.5 Flangia Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Controllo flamma Flame detection by photoresistance. Quadro comandi Control panel with display diagram for working mode with indication lights Quadro comandi Electric control board in light alluminum 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 Electric protection rating: 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 without packaging (kg) 180.5 Width (mm) 2020 Depth (mm) 1140	Maximum Thermal Power (kW) to ErP	3854
Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler. Max Viscosity (°E) 1.5 Flangia Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Controllo flamma Flame detection by photoresistance. Quadro comandi Control panel with display diagram for working mode with indication lights . Quadro comandi Electric control board in light alluminum 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 Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Min flow rate (Sm³/H)	110
Max Viscosity (°E) 1.5 Flangia Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve Gruppo polverizzatore Atomisation unit with nozzle-closing pin. 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 alluminum 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 Electric power supply type AC No. of Phases 3N Power Supply Voltage (V) 400 Power Supply Frequency (Hz) For Supply Frequency (Hz) Fan Motor Power (kW) 7,5 Weight without packaging (kg) 180.5 Weight with packaging (kg) 1140	Max flow rate (Sm³/H)	325
Flangia Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers. Circuito combustibile Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Controllo fiamma Flame detection by photoresistance. Control panel with display diagram for working mode with indication lights. Quadro comandi Electric control board in light alluminum alloy with IP55 protection rating 7-pole socket for burner electric and thermostatic supply. Presa 4 poli Protezione elettrica 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 without packaging (kg) 180.5 Weight with packaging (kg) Depth (mm) 1140	Manutenzione facilitata	combustion head without having to remove the burner from
Fiangla Various types of boilers. Circuito combustibile Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Controllo fiamma Flame detection by photoresistance. Control panel with display diagram for working mode with indication lights. Quadro comandi Electric control board in light alluminum 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 Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) Depth (mm) 1140	Max Viscosity (°E)	1.5
Gruppo polverizzatore Atomisation unit with nozzle-closing pin. Controllo fiamma Flame detection by photoresistance. Control panel with display diagram for working mode with indication lights. Quadro comandi Electric control board in light alluminum 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 Electric protection rating: Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) Depth (mm) 1140	Flangia	
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 alluminum 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 Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Circuito combustibile	
Quadro comandi Control panel with display diagram for working mode with indication lights. Quadro comandi Electric control board in light alluminum 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 Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Gruppo polverizzatore	Atomisation unit with nozzle-closing pin.
Quadro comandi indication lights . Electric control board in light alluminum 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 Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Controllo fiamma	Flame detection by photoresistance.
Presa 4 poli Protezione elettrica Electric protection rating: AC No. of Phases 3N Power Supply Voltage (V) Power Supply Frequency (Hz) Fan Motor Power (kW) Weight without packaging (kg) Weight with packaging (kg) Weight (mm) Protezione electric and thermostatic supply. 4-pole socket for second stage control. Electric protection rating: AC AC No. of Phases 3N Power Supply Voltage (V) 400 7,5 Weight without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Quadro comandi	
Presa 4 poli 4-pole socket for second stage control. Protezione elettrica Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Quadro comandi	
Protezione elettrica Electric protection rating: 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 without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140		7-pole socket for burner electric and thermostatic supply.
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 without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Presa 4 poli	4-pole socket for second stage control.
No. of Phases 3N Power Supply Voltage (V) 400 Power Supply Frequency (Hz) 50 Fan Motor Power (kW) 7,5 Weight without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Protezione elettrica	Electric protection rating:
Power Supply Voltage (V) 400 Power Supply Frequency (Hz) 50 Fan Motor Power (kW) 7,5 Weight without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Electric power supply type	AC
Power Supply Frequency (Hz) 50 Fan Motor Power (kW) 7,5 Weight without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	No. of Phases	3N
Fan Motor Power (kW) 7,5 Weight without packaging (kg) 180.5 Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Power Supply Voltage (V)	400
Weight without packaging (kg)180.5Weight with packaging (kg)255Width (mm)2020Depth (mm)1140	Power Supply Frequency (Hz)	50
Weight with packaging (kg) 255 Width (mm) 2020 Depth (mm) 1140	Fan Motor Power (kW)	7,5
Width (mm) 2020 Depth (mm) 1140	Weight without packaging (kg)	180.5
Depth (mm) 1140	Weight with packaging (kg)	255
	Width (mm)	2020
Height (mm) 1010	Depth (mm)	1140
	Height (mm)	1010