



MINICOMIST 7 50Hz

Code: 54700010

Series: MINICOMIST

Technical and functional features

- Dual fuel natural gas/light oil burners..
- Single stage operation (on/off).
- Compatible with any type of combustion chamber.
- Air-gas mixing at blast-pipe and high pressure mechanical atomisation of fuel using nozzle.
- Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
- Maintenance facilitated by the fact that the mixing unit and the atomisation unit can be removed without having to remove the burner from the boiler.
- Manual air flow adjustment.
- Possibility to chose gas train with valve tightness control.
- Comes with 2 flexible oil pipes, 1 nozzle, 1 oil filter, 1 flange and 1 insulating seal to connect the burner to the application.

Design features

- Light aluminium alloy fan part.
- High performance centrifugal fan.
- Combustion air inlet with device to adjust the air flow.
- Sliding boiler coupling flange to adapt the head protrusion to the various types of boilers.
- Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.
- One monophase electric motor to run the fan and one to run the pump.
- Air pressure switch to ensure the presence of combustion air.
- Gas train complete with operation and safety valve, minimum pressure switch, pressure regulator and gas filter.
- Gear pump with pressure regulator and fuel stop-cock valve.
- Sequence controller - EN 298..
- Ultra Violet cel flame scanner.
- Control panel comprising stop/go switch, fuel change switch, and operation, block and fuel used indicators.
- Terminal block for the electrical and thermostatic supply for the burner.
- Electrical plant protection rating IP40.

Optional accessories

- Equipping for automatic fuel switching.

Technical Data - MINICOMIST 7 50Hz:

Minimum Rated output	38.5	kW
Maximum Rated output	66.8	kW
Minimum light oil flow rate	3.2	kg/h
Maximum light oil flow rate	5.6	kg/h
Minimum gas flow rate	3.9	m3/h
Maximum gas flow rate	6.7	m3/h
Fuel max viscosity	1.5	°E
Motor rated power	0.23	kW
Electric Power Supply Phase	1	N
Electric Power Supply Frequency 1	50	Hz

Electric Power Supply Current	AC	
Electric Power Supply Voltage	230	V
Width	575	mm
Depth	510	mm
Weight	20	kg
Pack Width	770	mm
Pack Height	680	mm
Package depth	640	mm
Weight of Packaging	45	kg