

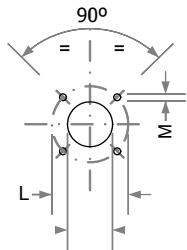
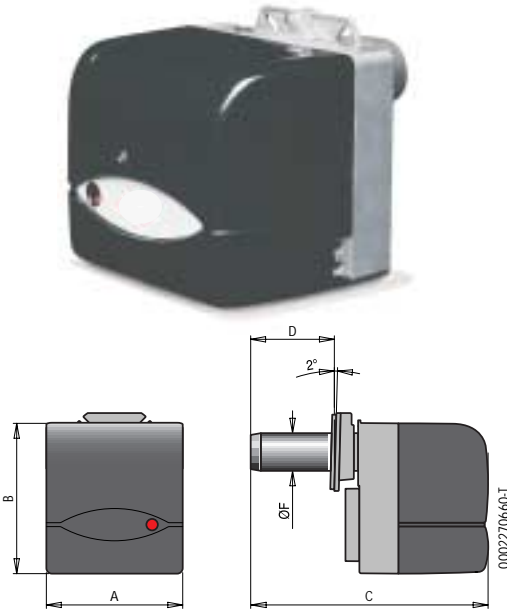

**TECHNICAL AND FUNCTIONAL CHARACTERISTICS**

- Low NOx and CO emissions light oil burner compliant with European standard EN267 "Classe III".
- Two-stage operation (high/low flame).
- Suitable for working in combustion chambers different than reverse flame.
- High pressure mechanical atomisation of fuel using nozzle.
- Combustion head (recycling of combusted gas for RiNOx 60L2) able to achieve very low pollutant emissions, particularly with regard to nitrous oxides (NOx).
- Maintenance facilitated by the fact that the atomisation unit can be removed without having to remove the burner from the boiler.
- Air flow regulation for first and second stage by means of electric servomotor with pause closure of gate to prevent any heat dispersion to flue.
- Equipped with one 4 and 7 pole connector, one flange and one insulating seal for boiler fastening, 2 flexible hoses, one line filter and one nozzle.

**CONSTRUCTION CHARACTERISTICS**

The burner consists of:

- Light aluminium alloy fan part.
- High performance centrifugal fan.
- Combustion air inlet with device to adjust the air flow; automatically closing air gate.
- Sliding boiler coupling flange to adapt the head protrusion to the various types of boilers.
- Adjustable combustion head with blast pipe (inox steel for RiNOx 60 L2) and steel flame disk.
- Monophase electric motor to run fan and pump.
- Gear pump with pressure regulator and fuel stop-cock valves.
- Automatic control and command equipment for the burner compliant with European standard EN230.
- Flame detection by photoresistance.
- 7 pole outlet for burner electrical and thermostat connections, and 4 pole outlet for second stage control.
- Electrical protection rating IP40.
- Sound-proof plastic protective cover.


**Flange Mounting Dimensions**

| L   | M   | N   |
|-----|-----|-----|
| 170 | M10 | 110 |

Conforms to:  
 E.M.C. Directive 89/336/CEE  
 L.V. Directive 73/23/CEE  
 Reference standard: EN267

| Thermal output kW | Model     | Part no. | Max visc. °E at 20°C | Electrical supply | Motor kW | A mm | B mm | C mm | D mm      | F mm | Size of packaging L x P x H mm | Weight kg | Notes |
|-------------------|-----------|----------|----------------------|-------------------|----------|------|------|------|-----------|------|--------------------------------|-----------|-------|
| 70 - 190          | RiNOx 190 | 35640050 | 1.5                  | 1N AC 50Hz 230V   | 0.18     | 303  | 345  | 620  | 100 - 250 | 100  | 750 x 660 x 600                | 18        | 1)    |

**Frequency 50 Hz**
**Light oil burner accessories**

Line filter - Flex hoses - Nozzle - Boiler coupling kit - 4 and 7 pin plug

**Notes**

- 1) Equipped with air closure device.  
 Net calorific value of light oil: Hi = 42.70 MJ/kg = 10200 kcal/kg.

