

ARG

Mobile direct fired gas heaters



ARG is a mobile and cost effective heater providing great heat output for a large number of applications. With three different outputs, it is suitable for heating small to large well ventilated premises, as well as drying concrete, plaster and other construction materials speeding up processes for the construction industry.

The principle of operation

The ARG heaters can be manually or automatically operated (only model 100 A). They function on the principle of direct fired gas heating. A powerful fan is used to force the air through a combustion chamber where the burner is situated. As the air passes through the burner, all the heat released by the combustion process is transferred to the air stream. This gives the heater a 100% thermal efficiency. The heat output of the heater can be varied by the manual adjustment of a regulating valve.

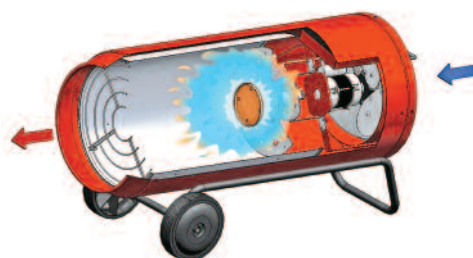
Design

The ARG models are fitted with an ergonomic handle or wheels making it easy to move. They are designed based on severe safety criteria and regulations. ARG heaters operate on Liquid Petroleum Gas (LPG), which has clean burning properties. In combination with a well tuned engine, the ARG gives a reduced exhaust emission. The products of combustion are mainly water vapor and carbon dioxide (CO₂).

EQUIPMENT

ARG

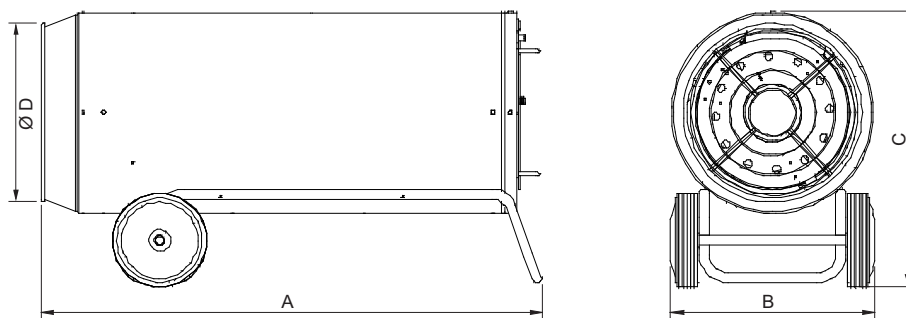
- Robust construction heater
- Functions on propane gas (LPG)
- Wide output adjustment range
- Ideal for space heating
- 100% thermal efficiency
- Fully automatic operation on A models
- Safety switch preventing overheat
- Double safety valve for shutting off gas supply
- Set to be connected to a room thermostat
- Suitable for outdoor use



100% thermal efficiency in a compact design of direct fired gas heating. High performance and low fuel consumption.

ARG A (Automatic) include a sophisticated control unit that starts the unit and checks the flame during operation. The machine can be connected to a room thermostat.

ARG is both equipped with safety and control devices to monitor the flame and to prevent overheating and optimize the fuel consumption. The heater is also suitable for outdoors usage as it meets the requirements of the IPX4D protection class.



Dimensions

| ARG model | A | B | C | Ø D | Weight |
|-----------|-------|------|------|------|--------|
| | [mm] | [mm] | [mm] | [mm] | [kg] |
| 35 | 610 | 325 | 445 | 235 | 13 |
| 70 | 878 | 450 | 579 | 369 | 25 |
| 100 | 1,030 | 420 | 567 | 369 | 28 |

Order information

ARG-X-X-X e.g., ARG-100-A-E

Code for power, 35, 70 or 100.

Code for specifying ignition.

M manual

A automatic

Code for specifying voltage.

E 230V~50Hz

V 110/230V~50Hz

For accessories see separate leaflet.

Technical specifications

| ARG model | 35 ME | 35 MV | 70 ME | 70 MV | 100 ME / 100 AE | 100 MV |
|------------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| Thermal power [kW] | 13.5–37.5 | 13.5–37.5 | 29–81.5 | 29–81.5 | 46–100 | 46–100 |
| [kcal/h] | 11,620–32,250 | 11,620–32,250 | 24,785–70,090 | 24,785–70,090 | 39,600–86,000 | 39,600–86,000 |
| [Btu/h] | 46,125–128,000 | 46,125–128,000 | 98,400–278,260 | 98,400–278,260 | 157,100–344,000 | 157,100–344,000 |
| Airflow [m³/h] | 1,045 | 1,045 | 2,190 | 2,190 | 3,300 | 3,300 |
| [cfm] | 615 | 615 | 1,289 | 1,289 | 1,947 | 1,947 |
| Gas pressure [bar] | 1.5 | 1.5 | 2 | 2 | 2 | 2 |
| Gas consumption [kg/h] | 1.05–2.95 | 1.05–2.95 | 2.20–6.40 | 2.20–6.40 | 3.60–7.90 | 3.60–7.90 |
| Absorbed power [W] | 95 | 95 | 190 | 190 | 300 | 300 |
| Voltage | 230V~50Hz | 110/230V~50Hz | 230V~50Hz | 110/230V~50Hz | 230V~50Hz | 110/230V~50Hz |

ARG is a product of Munters Italy S.p.A.



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