



Low pressure PROPANE regulator Conforms to EN 12864 Type 694

34-1-110-0614 rev.2

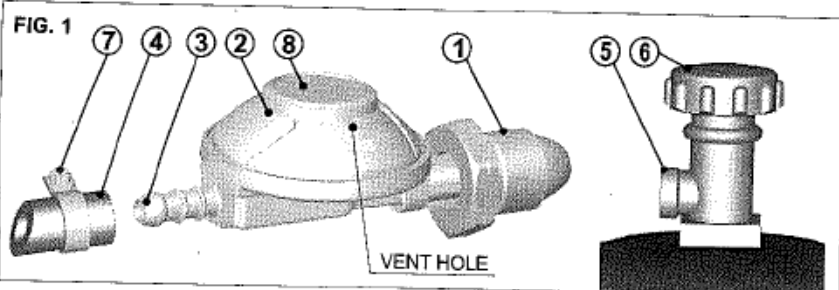
OPERATING INSTRUCTIONS TO BE KEPT BY THE USER Read carefully before use

1- Technical information

- Inlet Connection: POL G 5/8" L.H.(G.7) or W21.8 x 1/14" L.H.
- Outlet Connection: Hose nozzle Ø10 mm (H.50)
- Inlet Pressure max: 16 bar
- Outlet Pressure: 37 mbar or 50 mbar (see the regulator name-plate)
- Capacity: 1.5 kg/h
- Temperature limitations: -20°C ; +50 °C
- Diaphragm type: standard for Type 694 reinforced with "-R"

This regulator is not adjustable.

This regulator is not for use in caravans and motor caravans.



For this regulator a protection must be adopted in order to prevent rain from entering the device. Besides, the vent hole should never be plugged in order to guarantee the regulator's correct operation.

2° Installation instructions

Important: before using this equipment it is recommended that you read the SAFETY INSTRUCTIONS enclosed.

- Ensure cylinder valve is closed(6). Remove plastic bung (5) if present..
- Before fitting the regulator (2) to the cylinder, fit the tubing (4) ensuring that the nozzle (3) is completely covered and held firmly in place by a hose clip (7): make sure that all valves and appliances are turned off.
- Check all connections and ensure they are free from dirt and undamaged.
- The regulator should be supported and the connection (1) fitted to the cylinder valve outlet and tightened with a spanner.

Important: Do not dismantle or tamper with the regulator.

Reca regulators will give long and reliable service provided that they are correctly used and not abused.

SAFETY INSTRUCTIONS

3.1. GENERAL

All persons concerned with LPG should familiarise themselves with the following characteristics and hazards:

- A) LPG is stored normally as a liquid under pressure.
- B) Leakage, especially of liquid, may release large volumes of flammable gas.
- C) A very small proportion (1.9% - 11%) of this gas in air can give rise to an explosive mixture.
- D) LPG vapour is heavier than air and therefore any leakage will accumulate at the lowest level of the surrounding area.
- E) As a liquid, LPG is half the density of water and will therefore lie on top of water.
- F) LPG liquid by its rapid vaporisation and subsequent lowering of the temperature, can cause severe frost burns on contact with skin.

3.2. CYLINDERS

Always treat cylinders with care. Site them away from direct heat sources, and stand them upright but not in culverts, sewers or work holes. Ensure that the capacity and off-take rate are sufficient for your requirements.

Do not move the cylinder during operation

3.3. VALVES

Handwheel cylinder valves should be closed when not in use, outlets are to be protected if disconnected from regulator. Always replace protective caps on clip-on valves if the regulator is not connected or when the cylinder is empty.

3.4. REGULATORS

Do not tamper with regulators. Use the correct regulator for your type of cylinder or application. Contact your dealer if you have a problem.

In normal conditions of use, in order to ensure the correct operation of the installation, it is recommended that this regulator is changed within 10 years of the date of manufacture

3.5. GAS LEAKS

All gas leaks, however small, are dangerous and must be eliminated. Escaping gas can normally be traced by smell or sound but liquid detergent should be brushed over the area to confirm the location of the leak. NEVER look for a leak with a naked flame. On cylinders, if a leak is suspected, turn off gas supply immediately, and extinguish any standing pilot lights or naked flames. Ventilate the room if possible. If the cylinder is indoors, move the cylinder outdoors to a safe place, and call your dealer for advice. On bulk tank installations, if a leak is suspected, turn off the service valve and call your dealer.

3.6. VENTILATION

Unflued gas appliances (such as mobile gas heaters) MUST have adequate ventilation provided in the room.

3.7. TURNING OFF

IMPORTANT - NEVER EVER disconnect or attempt to disconnect the gas regulator from the gas cylinder valve if a burner remains alight. Where a mobile gas appliance is in use always turn the regulator operating switch to off or turn off the cylinder valve handwheel, if present, before switching the appliance itself off.

3.8. PROBLEMS

If you are in any doubt about the operation of an appliance and/or the safeworking of a regulator, valve, cylinder or tank consult your dealer.

3.9 EXCESS FLOW VALVE (EFV)

The Type 694 regulator can be equipped with a safety device "excess flow valve" designed to stop gas escaping in case of accidental detachment or breakage of the rubber hose used to supply gas to the user appliance. The marking "excess flow" on the label (8) shows the presence of this device on the Type 694.

The flow limiting device should operate as follows:

1. In the event of the hose moving from its correct position:
 - Fit the hose correctly back on the regulator hose connection.
 - Wait at least 20 seconds before opening the appliances.
2. In case of the flow of gas being higher than the capacity of the regulator, contact your gas supplier.

To ensure correct operation of the flow limiting device during gas supply, the appliances hose length should be 1.5m at maximum.

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