



## Adjustable high pressure regulator TYPE 912 / 915

23-1-410-0014 rev.2

### TECHNICAL INFORMATION:

- Inlet Connection:** P.O.L. G5/8 L.H.  
**Outlet Connection:** G1/4 FEMALE  
**Inlet Pressure:** Up to 16 bar (300 PSI)  
**Outlet Pressure Range:** Depends on the regulator model, see the regulator name-plate to know the pressure range  
**Capacity:** Up to 8 kg/h (375'000 BTU/h) (150 ft<sup>3</sup>/h)

This compact high-pressure regulator is designed for use with high-throughput appliances such as blow-torches, bitumen boilers, furnaces and forced air heaters. The outlet pressure could be adjusted within the range indicated on the name-plate.

It is supplied complete with a screwed hose connector that will accept 5 mm (3/16") bore high-pressure (orange) hose to BS 3212/2.

5 mm hose will be adequate where the gas supply is taken directly from one cylinder but larger hose and connectors may be required if more than one cylinder is needed to supply the gas. Ensure retaining jubilee or "O" clips are used on each end of the hose. The Reca 912/915 is a high-pressure regulator and may only be used on low pressure 37 mbar (14" WG) appliances in conjunction with a 2nd stage regulator.

### INSTALLATION INSTRUCTIONS

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

- 1- Check all connections and ensure they are clean, free from dirt and undamaged.
- 2-Connect hose to regulator hose connector and secure with jubilee or "O" clip.
- 3-Connect POL connection of regulator to cylinder valve and tighten with spanner
- 4-When the installation has been completed the gas supply can be turned on by opening the cylinder valve, and setting the pressure adjuster on the regulator to the required pressure. Screwing the adjuster clockwise (inwards) increases the pressure, and anti-clockwise (outwards) reduces the pressure.
- 5-After selecting the required pressure, the locking nut can be tightened to fix the delivery pressure. Do not remove the pressure adjuster from the regulator.

**Important:** Do not dismantle or tamper with the regulator. This regulator is not designed to be serviced during its working life and any attempt to do so could result in a fire or personal injury.

This regulator will give long and reliable service provided 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.

#### 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.

#### 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.

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NOTE  
N.A.

 <b>RECA</b>	DENOMINATION						MODEL	
	<b>NOTIZIA PER TYPE 912 E 915</b>						<b>912-915</b>	
FORMAT	TOOL NO	SHARED	LOGO NR	INSTRUCTION TYPE	PACKAGING TYPE	LABEL TYPE	SCALE	MATERIAL
91x210	N.A.	1	001	NOTIZIA A FOGLIO	N.A.	N.A.	1:1	NORMAL PAPER 80g
FOLDING TYPE	LANGUAGE	TREATMENT	CATEGORY	MODIFY FILE	PRODUCT NO	REV		
DOPPIA PARALLELA	ENGLISH	N.A.	STANDARD	2160				
PROD. EVOLUTION	PROJECT NO	RELEASE LEVEL	DRAWN BY	VERIFIED BY	APPROVED BY	DATE		
DEFINITIVE	-	APPROVED	CIMA C.	TOMASELLI L.	SCHLICK B.	24/05/05	<b>23-1-410-0014 2</b>	