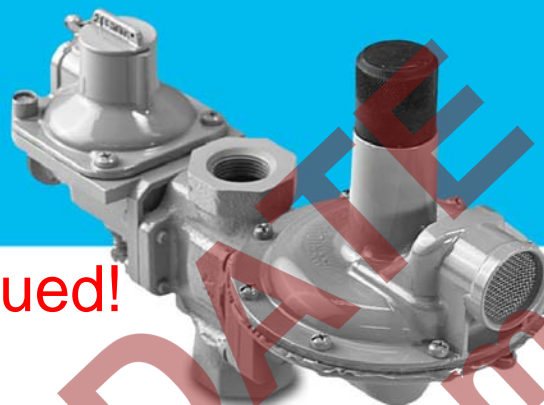


# J1253

LPG Second Stage Regulator  
Inlet Pressure 4 bar  
Nominal Diameter 3/4"



## This product is discontinued!

### Applications

- Second stage regulator for LPG tank applications

### Brief information

**Operation:** The J1253 regulator is ideal for second stage applications and is designed to maintain high accuracy and efficiency over the full inlet pressure range. The unit has been designed for ease of installation and servicing in confined areas. The diaphragm case and USSA vent can be rotated in 90° increments. The regulator vent can be rotated in 45° increments. During inspection and servicing, the case can be removed without disturbing the pipework.

The J1253 is fitted with a limited capacity relief valve, and the Jeavons Universal Safety Shut-off Assembly (USSA). This provides over pressure protection with immediate shut-off at the regulator inlet. It uses well proven principles to give exceptional consistency of operation and an unrivalled insensitivity to nuisance tripping.

**Control:** Outlet pressure 32 - 42mbar (12.8 - 16.8"wg), for all inlet pressures from 0.6 bar to 4.0 bar (8.7 - 58 psig) and all flow rates from 0.56 - 5.66 scmh (49,400 - 499,700 Btu) propane. Maximum lock-up pressure 49 mbar (19.6"wg) at zero flow.

**Set Point:** This regulator is pre-set at 37 mbar (14.8"wg) with 0.75 bar (10.9 psig) inlet pressure and 1.13 scmh (99,760 Btu) flow rate propane.

#### Technical Data:

|                                   |                                 |
|-----------------------------------|---------------------------------|
| Normal Inlet Pressure range:      | 0.6 - 4.0 bar (8.7 - 58 psig)   |
| Maximum Body Pressure (Emergency) | 20 bar (290 psig)               |
| Set Outlet Pressure:              | 37 mbar $\pm 2$ mbar (14.8 "wg) |

#### Relief Valve:

|            |                                 |
|------------|---------------------------------|
| Pre-set at | 56mbar (22.4"wg)                |
| Tolerance: | $\pm 5$ mbar (2"wg)             |
| Capacity:  | nominally 1% of fault capacity. |

#### Over Pressure Slam Shut:

|            |                     |
|------------|---------------------|
| Pre-set at | 75mbar (30"wg)      |
| Tolerance: | $\pm 5$ mbar (2"wg) |

#### Under Pressure Cut-off

- 25mbar (10"wg) minimum at the following conditions:
- 0.40 bar (5.8psig) inlet and 5.66 scmh (499,700 Btu) flow.
  - 0.20 bar (2.9psig) inlet and 3.96 scmh (349,600 Btu) flow.
  - 0.10 bar (1.5psig) inlet and 0.42 scmh (37,000 Btu) flow.

**Servicing:** The J1253 has been designed for ease of access, inspection and servicing of all internal components. A standard soft spares kit is available.

Reference number SK2506-15

### Main features

- Size 3/4"
- Temperature range -20°C to +70°C
- Threaded connections to BS EN 10226 (ISO 7) or NPT (other threads may be available upon request).
- Internal impulse
- Spring loaded
- Independent over pressure shut off (OPSS)
- Independent under pressure shut off (OPSS)
- An outlet pressure test point is fitted for in-situ testing of all pre set pressures
- Complies with requirements of BS3016
- Internal limited capacity relief valve
- Full gas tightness for OPSS reset
- Flexible reset on UPSS prevents inadvertent operation of OPSS.

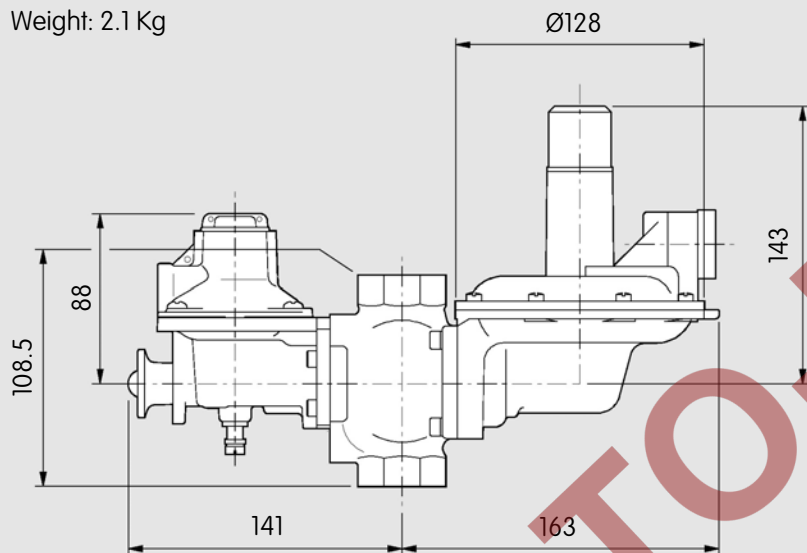


elster  
Jeavons

# J1253 Second Stage Regulator

## Dimensions and Weights

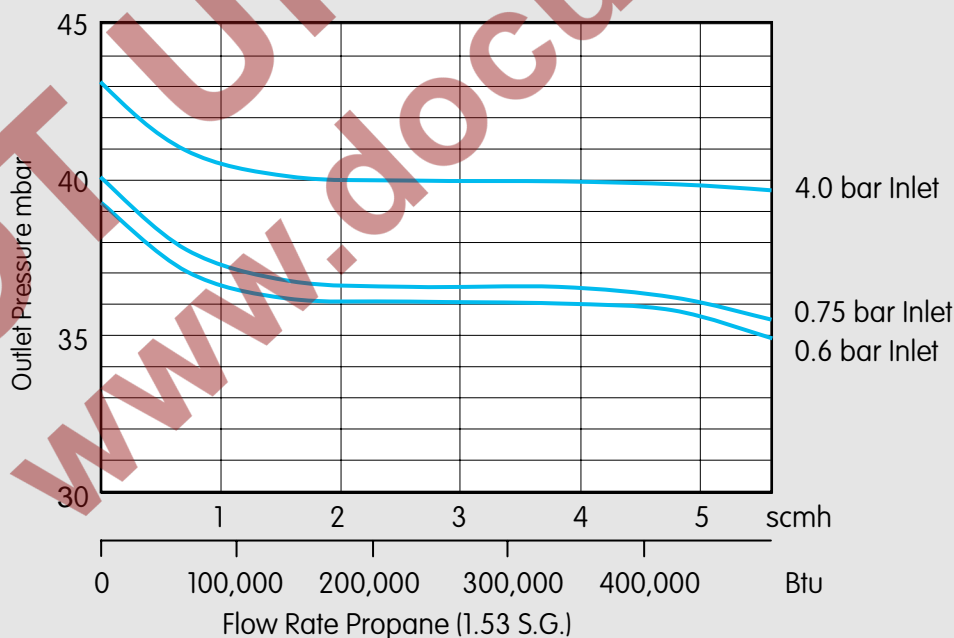
Weight: 2.1 Kg



## Quality:

Elster Jeavons is committed to a programme of continuous quality enhancement. All equipment designed and manufactured by the Elster-Instromet group benefits from the group's quality assurance standards which are approved to EN ISO9001:2008.

## Typical Performance



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