

Elster Jeavons J42

Meter Service Regulator with integrated liner

Brief information

Operation: The J42 meter service regulator is a well proven and trusted design which meets the current standards. It uses established principles of control dynamics together with modern assembly techniques to produce a regulator which offers excellent performance in a compact, low cost, maintenance free unit.

Application: This version of the J42 is an angled type regulator designed for low pressure domestic applications for inlet pressures up to 350mb. It incorporates an integrated meter liner and captive nut allowing direct connection to a domestic gas meter having bosses to BS746. This eliminates the need for additional assembly, removes a potential leak path and reduces testing during installation. The J42 has full lock-up capability and can be mounted in either a vertical or horizontal orientation. It is suitable for use with natural, liquefied petroleum and manufactured gases.

Control: The outlet pressure of the regulator is set at the factory to the customer's specification, and the unit sealed. The outlet pressure can be easily adjusted if necessary by breaking the seal and turning the spring adjusting screw under the top cap. Thus making unauthorised adjustment tamper evident. The top cap may be resealed again after use with a seal (not provided).

Approvals: The J42 meter service regulator is approved to the British Specification T/SP/PRS/3 and EN88-1 Class A2. The version of the J42 with threaded outlet is also approved to the Dutch Gastec Approval Requirements No.11.

The J42 is patented no. 2317672.

Technical Data:

Maximum inlet pressure:	350mbar (5 psig)
Pi max PRS3 Application:	75mbar
Outlet Pressure:	Customer specified between 10 – 40 mbar

Servicing: The J42 is a sealed unit and requires no servicing.



FEATURES & BENEFITS

Main Features

- Sizes 3/4" x Meter Union
- Temperature range -20°C to +60°C
- Inlet connection threaded to BS EN 10226 (ISO 7).
- Outlet has meter union connection to PRS6.
- Fully inlet pressure balanced
- Full lock-up capability
- Internal impulse
- Spring loaded
- Excellent outlet pressure control

Options

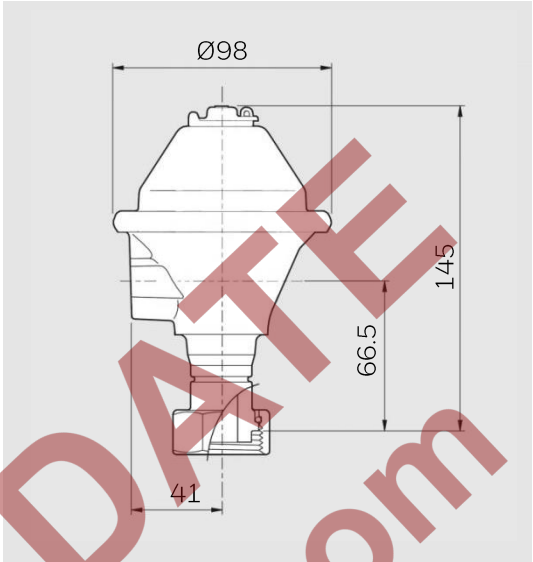
- Inlet mesh filter

J42: Meter Service Regulator

Material Specifications

A summary of the material specification for the J42 is given for reference. All material has been selected to provide maximum durability and reliability in service.

Components	Specification
Body and Top Cover	Aluminium
Diaphragms, Disc & Seals	Nitrile Rubber (Buna)
Internal Support Structure	Acetal Resin
Top Cap	Acetal Resin (UV Stabilised)
Top Bush, Adjusting Screw	Zinc Alloy
Spring	Stainless Steel
Meter Union Nut, Adjusting Screw	Mild Steel, Zinc Plated



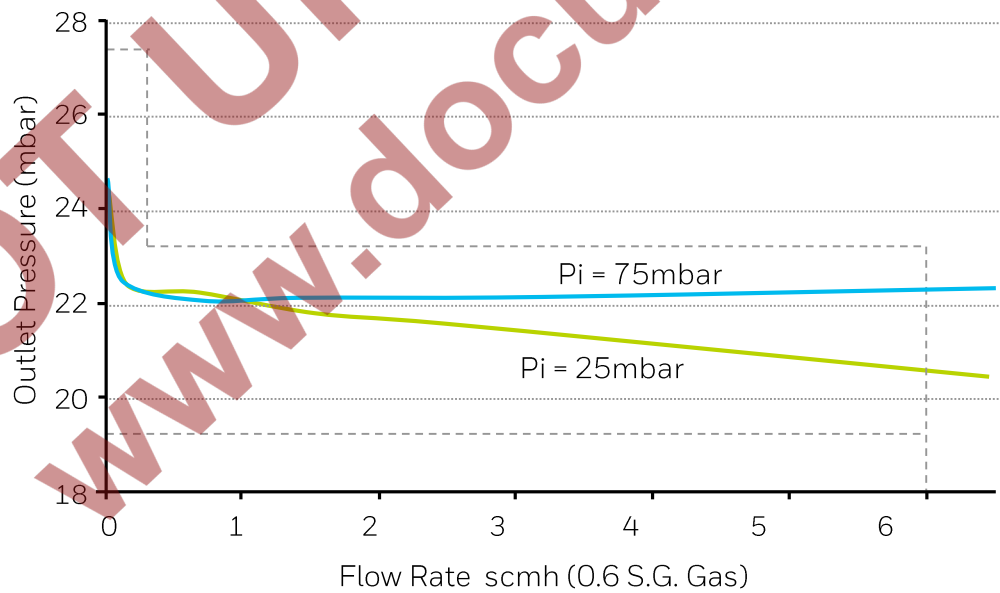
Weight: 365g

Quality:

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

Performance:

Tested in accordance with PRS3



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