

HONEYWELL ELSTER JEAVONS J42 LITE

Meter Service Regulator

Brief information

Operation: The J42 Lite meter service regulator is the latest version of 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 low cost, maintenance free unit. Its compact dimensions allow for installation in all meter box types.

Application: The J42 Lite is an angled type regulator designed for low pressure domestic meter applications with inlet pressures up to 200mb, with full lock-up capability. The J42 can be mounted in either a vertical or horizontal orientation, and 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 Lite meter service regulator is approved to the British Specification IGEM/GM/PRS/3.

Technical Data:

Maximum inlet pressure: 200mbar (2.86 psig)

Pi max PRS3 Application: 75mbar

Outlet Pressure: Nominally 21.7 mbar.
Other set points may be available upon request.

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



FEATURES & BENEFITS

Main Features

- Sizes 1/2" x 1/2", 3/4" x 3/4" & 3/4" x Meter Union*
- * see separate datasheet
- Temperature range: -20°C to +60°C
- Threaded connections to BS EN 10226 (ISO 7) or NPT (other threads may be available upon request)
- Fully inlet pressure balanced
- Full lock-up capability
- Internal impulse
- Spring loaded
- Excellent outlet pressure control

Options

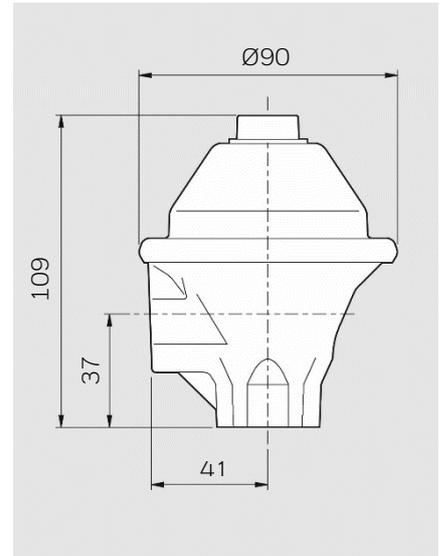
- Meter union outlet connection
- Inlet mesh filter

J42 lite: Meter Service Regulator

Material Specifications

A summary of the material specification for the J42 Lite 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, Valve Disc & "O" Rings	Nitrile Rubber (Buna)
Adjusting Screw	Mild Steel
Internal Support Structure	Acetal Resin
Top Cap	Acetal Resin (UV Stabilised)
Spring	Stainless Steel



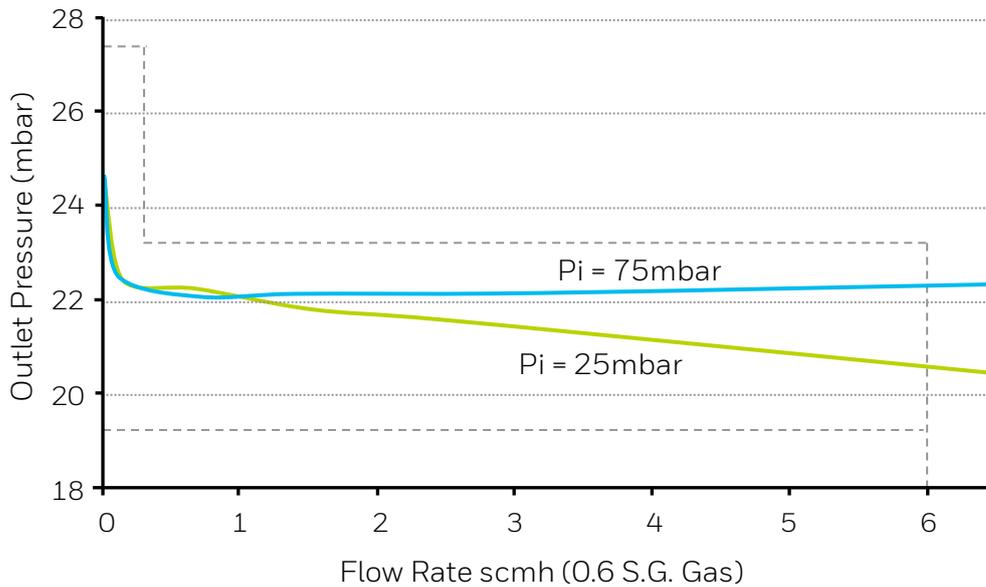
Weight: 266g

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



For more information

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