

HONEYWELL ELSTER JEAVONS J42 LITE KIT

Meter Service Regulator Installation Kit

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. The regulator is supplied as an assembled kit together with a flexible hose. The inlet end of the hose has a $\frac{3}{4}$ " meter union nut to BS746 for connection to the emergency control valve.

Application: This version of the J42 Lite is an angled type regulator designed for low pressure domestic applications for inlet pressures up to 200mb. 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 Lite 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 Lite meter service regulator is approved to the British Specification IGEM/GM/PRS/3 and EN88-1 Class A2. The kit is approved to IGEM/GM/PRS41.

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 $\frac{3}{4}$ " x 1" Meter Union
- Temperature range: -20°C to +60°C
- Threaded connection to BS EN 10226 (ISO 7)
- Fully inlet pressure balanced
- Full lock-up capability
- Internal impulse
- Spring loaded
- Meter union connections to BS746
- Integrated liner eliminating possible leak path.
- Fitted with flexible hose on inlet.
- Fully inlet pressure balanced
- Excellent outlet pressure control
- Supplied with meter union washers and security screws as requested.

Options

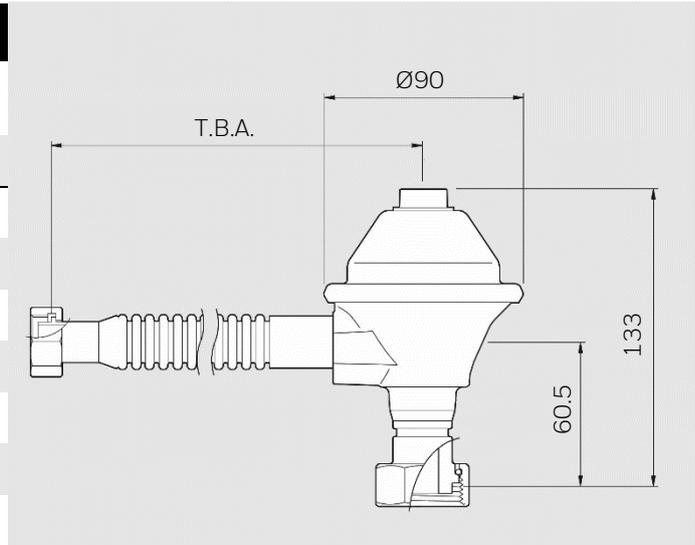
- Inlet mesh filter

J42 Lite: Meter Service Regulator with Integrated Liner

Material Specifications

A summary of the material specification for the J42 Lite kit 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)
Spring & Flex Convolution	Stainless Steel
Regulator MU Nut	Malleable Iron
Flexible Hose MU Nut	Brass



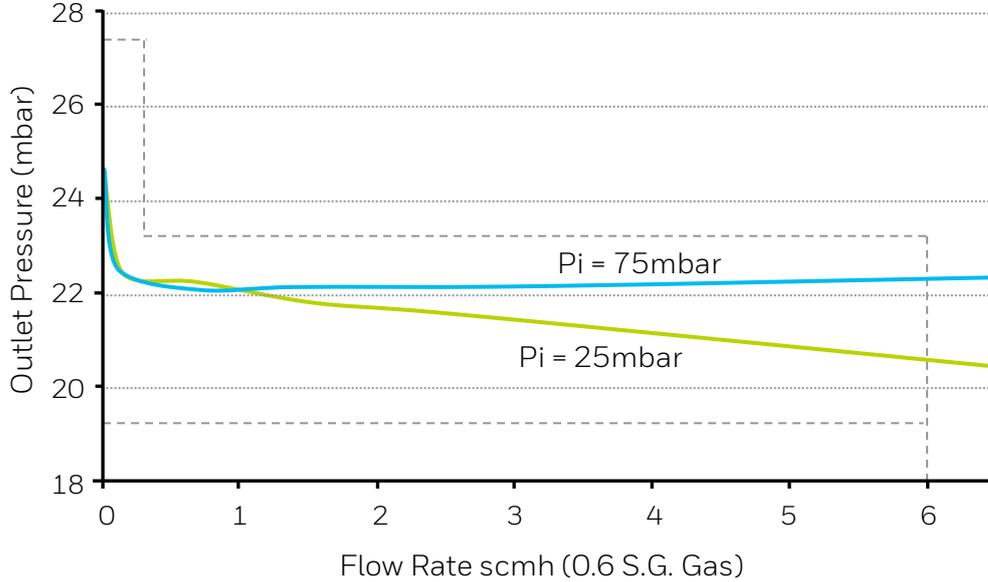
Weight: 586g

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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