

J48

Gas Pressure Regulator Inlet Pressure 350mbar Nominal Diameter 3/4" – 2"



Applications

- Industrial
- Commercial

Brief information

Operation: The J48 is a highly versatile proven range of Industrial Low Pressure Regulators, suitable for a wide range of pressure reduction applications. The latest version of the regulator includes a new quick release spring adjustment mechanism unit. This enhancement provides easy access for spring adjustment and routine maintenance. The J48 is available in sizes from 3/4" to 6", the larger sized units from 2 1/2" being described in a separate leaflet. Also available and described on separate leaflets are the zero, H (high inlet), and HL (high inlet, low outlet) versions.

Application: The J48 is a service and appliance regulator suitable for a wide range of domestic, commercial and industrial applications. All units are designed for natural, liquefied petroleum and manufactured gases. The J48 can be installed in both horizontal and vertical pipelines, with certain sizes available with angled connections for meter services applications. The J48 has positive lock up, and has been designed for high efficiency and sensitivity with maximum flow and minimum pressure loss.

Control: A comprehensive range of springs is available, as described overleaf. The outlet pressure can be easily and accurately adjusted by turning the spring adjustment unit located under the top cap. The design of this mechanism provides virtually frictionless adjustment and eliminates "spring wind up". The complete spring adjustment mechanism can be removed easily for maintenance and spring changes. If required the units can be supplied factory set with a security seal at extra cost.

Technical Data:

Maximum inlet pressure:	350mbar (5 psig)	3/4" - 1"
Maximum outlet Pressure:	160mbar (64"wg)	1 1/4" - 1 1/2" 2"

reference number SK4806-01
reference number SK4808-01
reference number SK4809-01.

Servicing: The J48 has been designed for ease of access, inspection and servicing of all internal components. A standard soft spares kit is available for all sizes.

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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	Nitrile Rubber (Buna)
Valve Disc and "O"Rings	Nitrile Rubber (Buna)
Internal Support Structure	Acetal Resin
Top Cap	Acetal Resin (UV Stabilised)
Top Bush, Adjusting Screw	Zinc Alloy
Spring	Stainless Steel

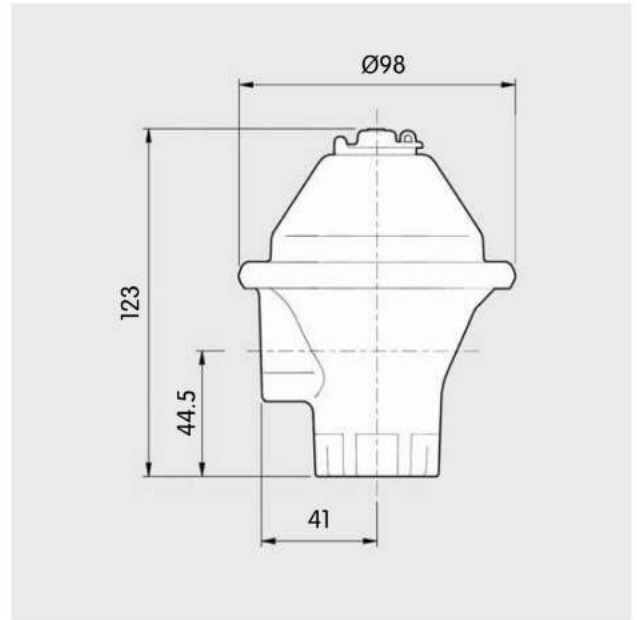
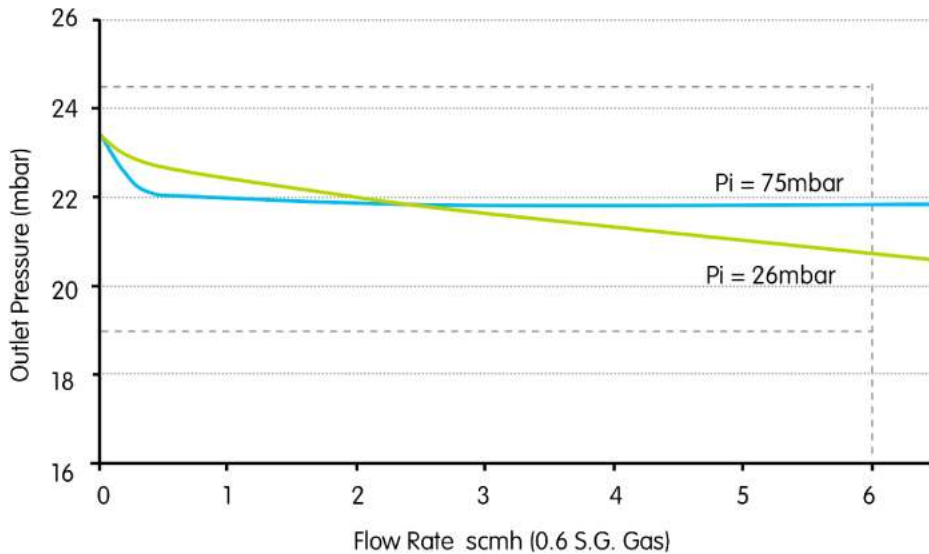
Weight: Standard Regulator: 320g
Regulator with UPCO: 340g

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.

Performance:

Tested in accordance with PRS3



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