

J92

Dust Filter



**This product is discontinued!**

Commissioning Instructions

General Arrangements

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Maintenance Instructions

For: J92 Dust Filter

2" Screwed Unit

50mm Flanged Unit

# J92: Commissioning Instructions

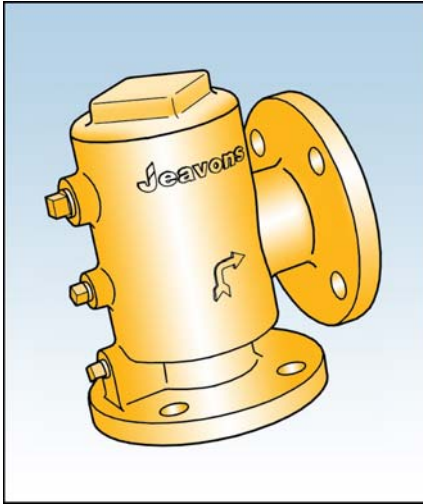


Fig. 1

## OPERATING INSTRUCTIONS

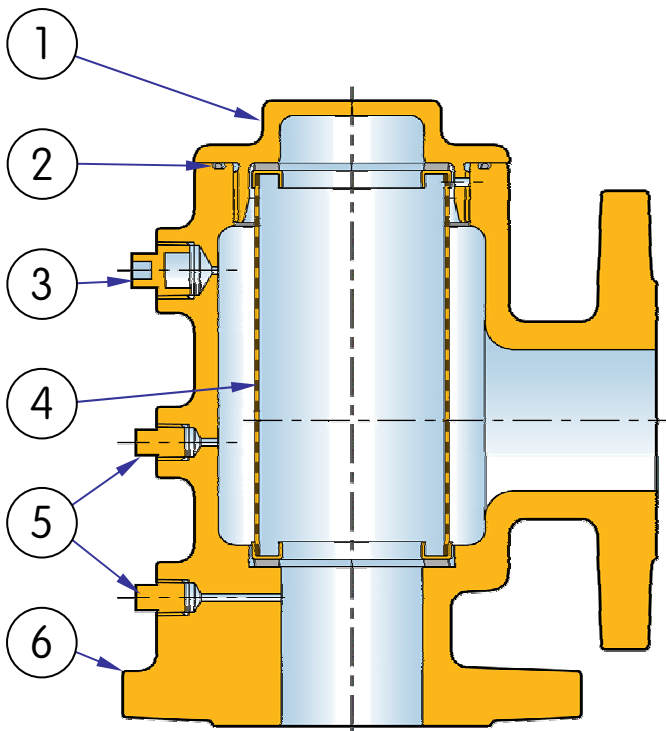
- Ensure that this product is suitable for the chosen application.
- Installation, adjustment and maintenance by authorised, trained personnel only.
- When being fitted to an appliance, refer to the appliance manufacturers instructions.
- The unit should not be installed in a corrosive environment.

## FITTING FILTER INTO PIPEWORK

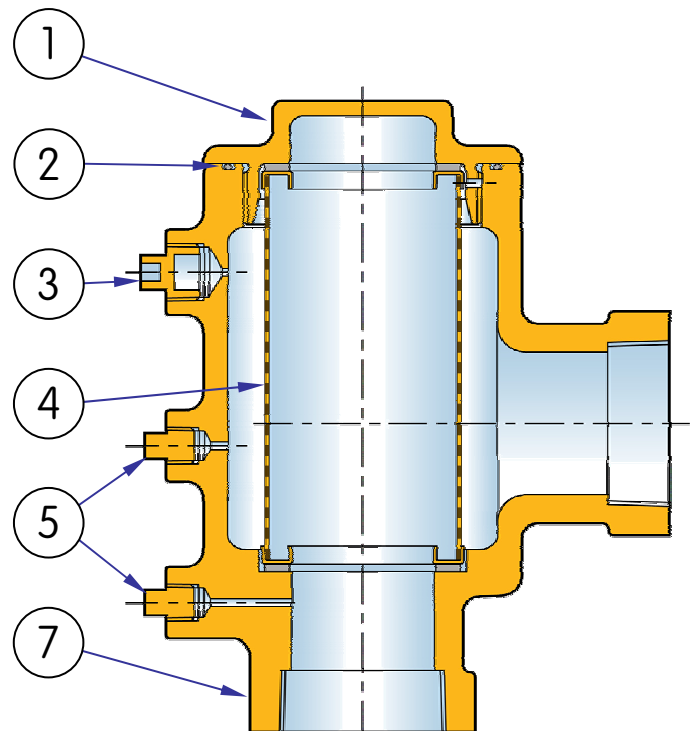
1. The unit should not be installed in a corrosive environment.
2. The ambient temperature (surface temperature) should be within the limits stated on the filter catalogue.
3. Check the maximum allowable pressure on the filter nameplate against the installation specification.
4. Remove the plastic protection plugs or flange covers from inlet and outlet.
5. Ensure that installation pipework is thoroughly clean.
6. The direction of gas flow must be the same as the arrows on the filter body.
7. For screwed units install the filter into pipework using a jointing compound approved to national standards.
8. For flanged units use gaskets and bolts approved to national standards.
9. If required fit differential pressure gauge between pressure tapping points on inlet and outlet of filter.
10. Commission downstream appliances.

# J92: General Arrangement

## Screwed and Flanged Units



Flanged Unit  
Fig. 2



Screwed Unit  
Fig. 3

## J92: Parts list

Item	Part Number	Description	No. Off
1	J9209-007Z01	Filter Cap	1
2	JORM0945-30	"O" Ring Seal	1
3	JMFP104	½" Plain Plug	1
4	See Below	Filter Element	1
5	JMFP102	¼" Plain Plug	1
6	J9209-005+	Flanged Body	1
7	J9209-006+	Screwed Body	1

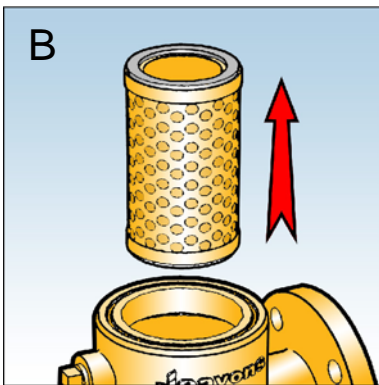
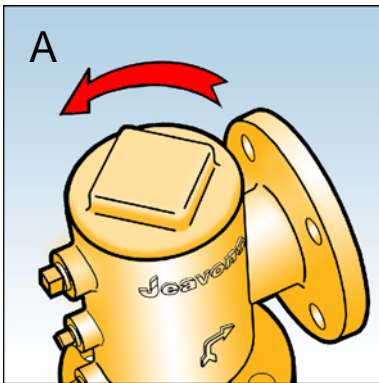
Part Numbers marked + require flange specification to be stated with order.

## J92: Filter Elements

Part Number	Size
J9209-008	50 Micron
J9209-009	200 Micron

# J92: Maintenance Instructions

## Screwed and Flanged Units



Drawing Reference: Fig. 2 & 3

NOTE: Numbers in brackets identify items on drawings

### Dismantling Procedure.

1. Check external surfaces for excessive corrosion.
2. Ensure that all valves are closed and that the line is fully vented to atmosphere.
3. Whilst supporting the filter body (6) to prevent excessive strain on pipework, undo and remove the top cap (1) Figure A.
4. Taking care not to let debris fall down the gas pipe, carefully remove the filter element (4) Figure B.
5. Clean and examine the filter element (4) and "O" ring seal (2) and replace as necessary.

### Rebuilding Procedure.

NOTE: Inspect sealing "O" ring, and replace if necessary.

The use of Molykote 111 "O" ring lubricant is recommended during the rebuild- unless for use with oxygen when no lubricant should be used.

1. Ensure that all components are clean and free from debris. Pay particular attention to the "O" ring groove in the top face of the body (6) and the element sealing faces at the bottom of the body (6) and underside of top cap (1).
2. Insert filter element (4) into body (6) and locate in recess in bottom of body.
3. Lightly lubricate the "O" ring (2) with Dow Corning Molykote 55M silicone grease (unless unit was originally supplied with alternative lubricant for special conditions) and fit into groove in top face of body (6).
4. Carefully screw top cap (1) onto body (2) and tighten. Take care not to over stress the pipework.
5. Recommission system.

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

Elster Jeavons has a programme of continuous product development and improvement and in consequence the information in this leaflet may be subject to change or modification without notice.

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