

# Instructions for: AIR FILTER / REGULATORS

Models: SA2FR.V3, SA4FR/38.V2, SA5/RG/14.V2

Thank you for purchasing a Sealey product. Manufactured to a high standard this product will, if used according to these instructions and properly maintained, give you years of trouble free performance.

**IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

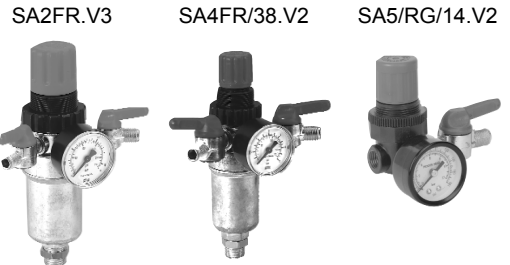
## 1. SAFETY INSTRUCTIONS

- ❑ **WARNING!** Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.
- ❑ **WARNING!** Disconnect the equipment from the air supply before changing accessories, servicing or performing any maintenance.
- ✓ Keep the equipment clean and maintain it in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ❑ **WARNING!** Ensure correct air pressure is maintained and not exceeded.
- ✓ Keep air hose away from heat, oil and sharp edges. Check air hoses for wear before each use and ensure that all connections are secure.
- ✗ DO NOT direct air from the air hose at yourself, others or animals.
- ✓ Drain the air tank daily. Water in the air line will damage equipment.
- ✓ When work is complete ensure the air supply is turned off.

## 2. INTRODUCTION & SPECIFICATIONS

Heavy-duty aluminium alloy valve assemblies - with integral filters and water traps (SA2FR and SA4FR/38). Air flow control knob can be locked in position to prevent accidental adjustment of pressure. Features gauge, marked in psi, bar and MPa. Individual compressed air outlets are fitted with shut-off valve. Suitable for direct mounting onto compressors or can be plumbed into air line runs.

	SA2FR.V3	SA4FR/38.V2	SA5/RG/14.V2
Max. inlet/output pressure - psi/bar	174/12	174/12	174/12
Working pressure range - psi/bar	0-115/0-8	0-115/0-8	30-120/2-8.2
Max. flow rate - cfm @ 115 psi/8 bar	.76	.76	.76
Ports			
Inlet - BSP	1/2"(M)	3/8"(M)	1/4"(F)
Outlet - BSP	1/4"x2(M)	1/4"x2(M)	1/4"(M)



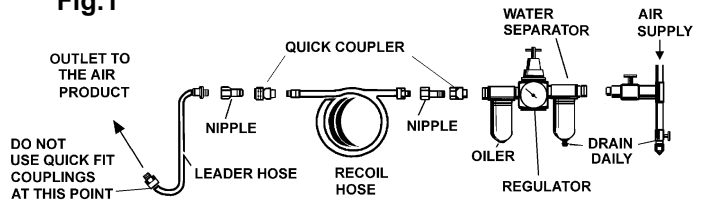
## 3. CONTENT & INSTALLATION

- 3.1. Confirm that all items are present and undamaged. If any parts are missing or damaged please contact the supplier.
- 3.2. Fig.1 shows a typical air line installation. The filter is located upstream of the regulator - unless combined - and the lubricator downstream.
- 3.3. Install filter / regulator, before connecting system piping ensure that:
  - a) gauge is visible
  - b) regulator control is accessible
  - c) filter drain is accessible

The inlet on the filter-regulators is at the base of the filter body and the outlets are either side of the gauge.

**Note:** To ensure air-tight joints use PTFE tape.

Fig.1



## 4. OPERATION

- 4.1. **Regulator** - The output pressure control knob must be lifted before turning. Turn clockwise to increase and anticlockwise to reduce pressure. The output pressure will be shown on the gauge. When the required pressure is achieved, push down control knob to lock and prevent inadvertent alteration. When setting output pressure always adjust up from a lower pressure - i.e. to adjust from 90psi to 70psi, adjust down to 60psi first, then up to 70psi..
- 4.2. **Filter** - The bowl should be drained daily to prevent an excessive build-up of water/oil. Regularly unscrew the filter housing from the regulator body to access the filter for cleaning.

## 5. ADDITIONAL FITTINGS

The following fittings are available from your supplier:

SA1/1212	1/2"BSP-1/2"BSP male-male nipple	SA1/1238F	1/2"BSP-3/8"BSP male-female reducer
SA1/1214F	1/2"BSP-1/4"BSP male-female reducer	SA1/3814F	3/8"BSP-1/4"BSP male-female reducer
SA1/1414	1/4"-1/4" male-male nipple		

**Declaration of Conformity** We, the sole importer into the UK, declare that the products listed here are in conformity with the following standards and directives.

<p style="text-align: center;"><b>Filter/Regulators</b></p> <p style="text-align: center;"><b>Models: SA2FR.V3, SA4FR/38.V2, SA5/RG/14.V2</b></p> <p style="text-align: center;">97/23/EC Pressure Equipment Directive 98/37/EC Machinery Directive 93/68/EEC Marking Directive</p>	<p style="font-size: 2em; font-weight: bold;">CE</p> <p>The construction files for these products are held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd.</p> <p>Signed by Mark Sweetman  Date: 18th September 2006</p>	<p>For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.</p>
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**NOTE:** It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

**IMPORTANT:** No liability is accepted for incorrect use of product.

**WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim.

**INFORMATION:** For a copy of our latest catalogue call us on 01284 757525 and leave your full name and address, including postcode.

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