

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 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. Non-authorised 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

Sealey SA filter-regulators are designed to provide clean, oil- and water-free air with easy and reliable pressure control.

	SA2FR	SA3FR	SA4FR	SA5R
Max. inlet/output pressure - psi/bar	.174/12	.174/12	.174/12	.174/12
Working pressure range - bar	.2 - 8	.2 - 8	.2 - 8	.2 - 8
Max. flow rate - cfm @ 8 bar	.76	.76	.76	.70
Ports				
Inlet - BSP	.1/4" or 1/2"	.1/4" or 1/2"	.1/4" or 1/2"	.1/2"
Outlet - BSP	.2 x 1/4"	.2 x 1/4"	.2 x 1/4"	.1 x 1/4"

3. CONTENT & INSTALLATION

3.1. Confirm that all items are present and undamaged. If any parts are missing or damaged please contact the supplier.

SA2FR - Combined filter-regulator with gauge, mounting bracket and 1/2"-1/4" female/male adaptor (inlet).

SA3FR - Combined filter-regulator with gauge and 1/2"-1/4" female/male adaptor (inlet).

SA4FR - Combined filter-regulator.

SA5R - Regulator.

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. Regulator - Install regulator/filter-regulator (using the mounting bracket provided in the case of SA2FR).

Before connecting system piping ensure that:

- Filter-regulators** -
- a) gauge is visible
 - b) regulator control is accessible
 - c) filter drain is accessible

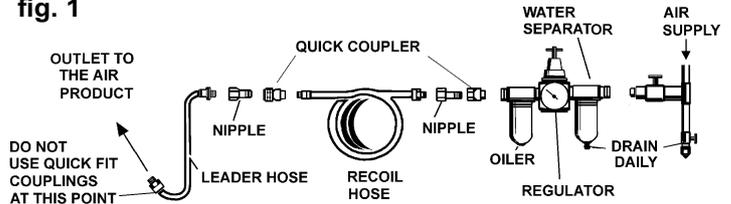
The inlet on the filter-regulators is at the base of the filter body and the outlets are either side of the gauge.

SA5R -

- a) flow direction arrows match system air flow.

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

fig. 1



4. OPERATION

4.1. Regulator - The output pressure control knob on all units except SA3FR must be lifted before turning. Turn clockwise to increase and anticlockwise to reduce pressure. The output pressure will be shown on the gauge (except SA5R). When the required pressure is achieved push down control knob to lock and prevent inadvertent alteration (not SA3FR). When setting output pressure always adjust up from a lower pressure.

4.2. Filter - The bowl should be drained daily to prevent an excessive build-up of water/oil. Unscrew drain cock at bottom of bowl, allow to drain and then retighten.

5. ADDITIONAL FITTINGS

The following fittings are available from your supplier:

- SA1/12121/2"BSP-1/2"BSP male-male nipple
- SA1/1214F1/2"BSP-1/4"BSP male-female reducer
- SA1/14141/4"-1/4" male-male nipple

- SA1/1238F1/2"BSP-3/8"BSP male-female reducer
- SA1/3814F3/8"BSP-1/4"BSP male-female reducer

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>Filter/regulators, Regulator Models: SA2FR, SA3FR, SA4FR & SA5R 97/23/EC Pressure Equipment Directive 98/37/EC Machinery Directive</p>	<p>CE The construction files for these products are held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd. Signed by Mark Sweetman  Date 13th August 1999</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.