bit

The units in the BIT range feature:
• reduced dimensions
• negligible load loss
• long life
• excellent quality-to-price ratio
Thanks to its technical features the BIT air treatment range is particularly suitable for de-centralized use near the final actuators.

TECHNICAL DATA		BIT 1/8''	BIT 1/4''
Threaded port		1/8''	1/4''
Degree of filtration		5μm (yellow) 20μm (white) 50μm (blue)	
Degree of purification		99.97% a 0.01μm	
Setting range	bar	0÷2 - 0÷4 - 0÷8 - 0÷12	
Max. inlet pressure	MPa	1.3	
	bar	13	
	psi	188	
Flow rate at 6.3 bar (0.63 MPa – 91 psi) ΔP 0.5 bar (0.05 MPa – 7 psi)		350 Nl/min=12 scfm	
Fluid		Compressed air	
Max temperature at 1 MPa; 10 bar; 145 psi	°C	−10°-+50°	
	°F	14°-122°	
Elements		Filter – Regulator – Lubricator – Filter-regulator – Depurator	
		Units: FRL, FR+L, F+L, F+D	
Mounting		By means of the bracket provided	
Compatibility with oils:		please refer to page 6.1/08	

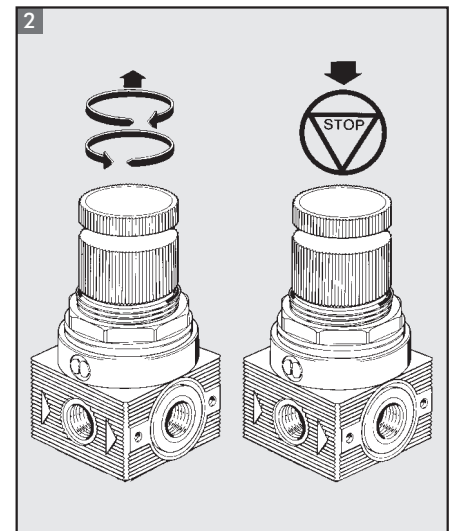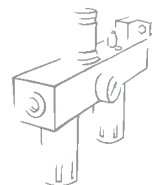## GENERAL RULES - USE AND MAINTENANCE
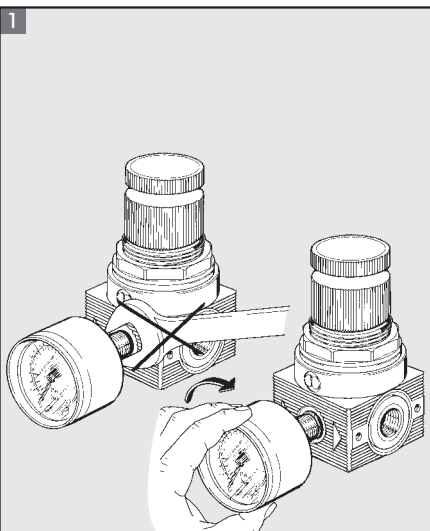
MOUNTING THE GAUGE

1 The gauge must be mounted by hand without using a spanner. Use fluid sealants to provide a good seal.
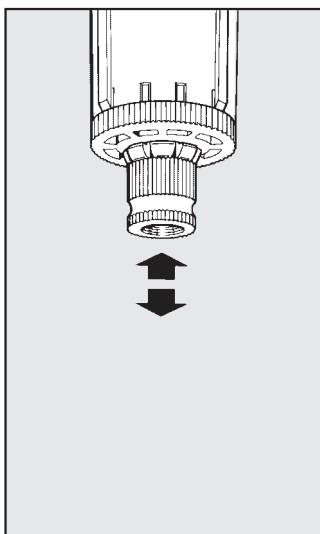N.B. Do not use Teflon.

SETTING THE PRESSURE

2 The air pressure must always be set upwards. The knob can be locked so that the set pressure cannot be altered (see fig. 2).
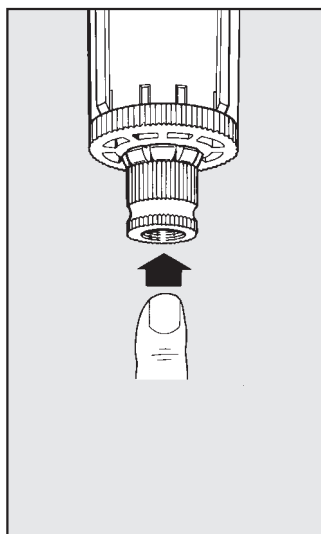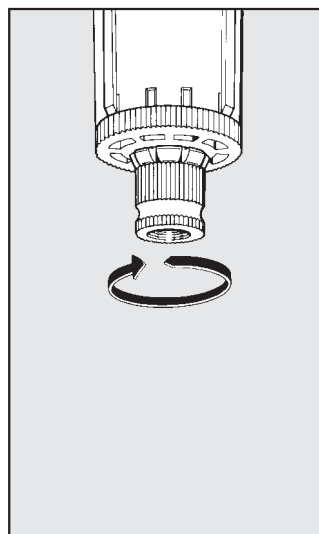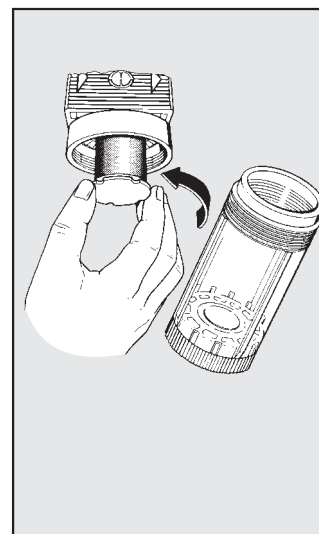
GENERAL RULES - USE AND MAINTENANCE

With the knob in the centre position, the drain is semi-automatic. The drain operates when the bowl is not pressurized and closes when it is.

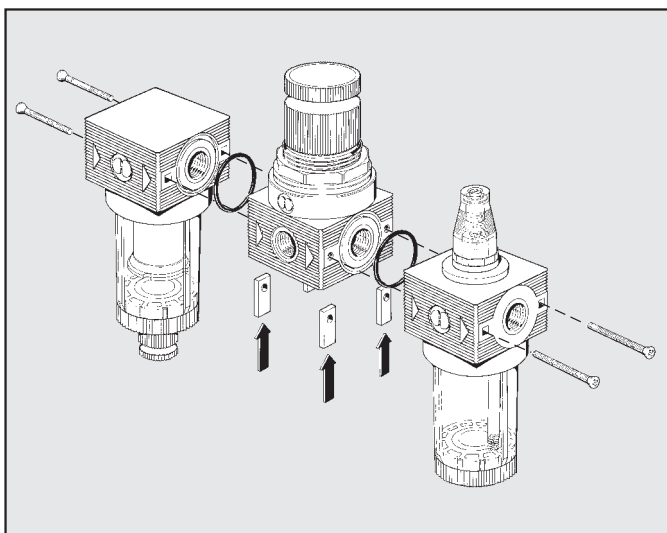Press the button to drain condensate when the bowl is pressurized.

Turn the knob anticlockwise to close the valve with bowl pressurized or not pressurized.

To clean or replace the filter element unscrew the screen of the centrifuge assembly. Use a no. 3 compass spanner to unscrew the bowl.

ASSEMBLY

Use ASSEMBLY PLATES (code 9170201) to assemble the Bit elements correctly.
Assembly procedure:
• Fit the plates right into the slots under the body of the Bit element
• Check that there O-rings round the threaded outlet
• Assemble the elements, making sure that the flow run in the direction of the arrows marked on the body.