

Atkinson Equipment Limited - Filtervalve - AFV-1002

FITTING INSTRUCTIONS

The Atkinson Filtervalve is supplied for connecting to 10mm dia oil lines. See Note 4 below if other pipe sizes are to be fitted. The AFV-1002 is designed to supply two oil lines or one to either left or right direction, this allows the oil line to run close to the tank.

THE TANK SHOULD BE INSTALLED WITH AT LEAST 30CM (ONE FOOT) CLEARANCE UNDER THE FILTER BOWL. This is to allow adequate clearance for maintenance of the filter, including room for a container to collect any spillage.

This Atkinson Filtervalve has been fully tested and was in good condition on leaving the works; reasonable care in fitting will ensure trouble free operation. The following fitting sequence must be followed:

Fitting to tanks with bottom outlet

Dress 1" BSPT male union thread with PTFE tape in a clockwise direction, being careful not to get tape over the end of the union and screw the union into the tank outlet to form a tight seal.

Ensure the brass locknut is fitted to the main body.

Dress ½" BSP male brass thread with PTFE tape in a clockwise direction, being careful not to cover the hole.

BY HAND, screw ½" BSP male into the 1" BSPT male union, orientating so the filter bowl-retaining bolt is pointing downwards, lock into position with the brass locknut with a spanner whilst holding the filter bowl by hand.

Ensure that the handle is turned 90 degrees clockwise to the valve body, leave the valve closed until you are ready to allow the fuel to flow.

Before fitting the oil lines, insert the hard copper-insert into the cut end of each 10mm o.d. soft copper line before making the compression joint. Fittings provided.

If there is only one oil line used, dress the blanking plug supplied with PTFE tape and screw into the outlet that is not being used.

Note: if a different outlet pipe is required, remove the compression fitting & connect an adaptor to the 3/8" BSP female thread.

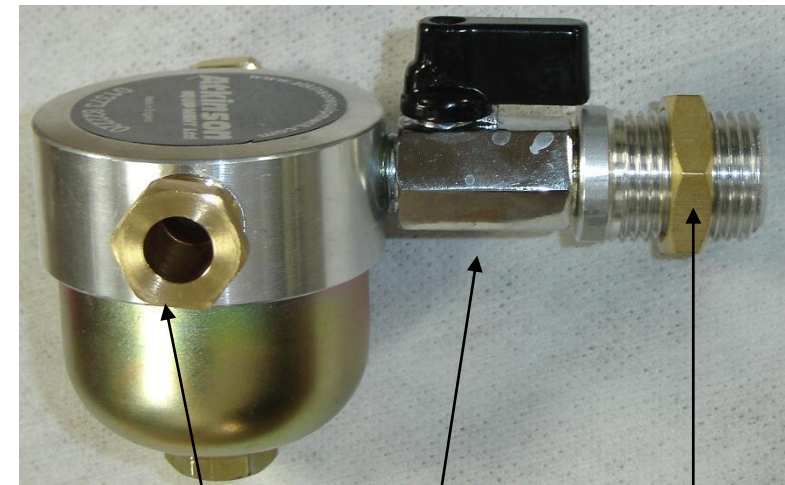
The Atkinson Filtervalve can be fitted to top off take tanks with the addition of standard plumbing fittings.

Changing the filter element: The Filter should be replaced at each Tank and Boiler service

You require a replacement filter kit part number **TM4600F** before you can change the Atkinson Filtervalve's filter element. Instructions on how to do this are included with the filter kit.

In the unlikely event of experiencing any difficulty with this equipment, please contact your distributor.

Revision 26/08/08



Valve Handle

Brass Lock Nut

10 mm Compression Fitting



The replacement filter kit **TM4600F** is supplied with a new filter element, a filter bowl sealing "O" ring, a new collapsible seal for the filter bowl and 10mm Hex Screw

When removing the filter bowl bolt it is recommended that the filter unit is supported.

Remove the old filter bowl "O" ring and filter bowl bolt collapsible seal before fitting the new. Do not over tighten the hex screw.