

# **Atkinson Equipment Ltd**

## **Filtervalve AFV-1000**

### FITTING INSTRUCTIONS:

The tank must be installed with at least enough clearance beneath the filter bowl to allow for maintenance of the filter, including room for a tray to collect any spillage.

This Filtervalve has been fully tested and was in full working order upon leaving our works, reasonable care in fitting and subsequent servicing will ensure trouble free operation. The following fitting sequence must be observed;

### **HELDITE™**

**THIS KIT IS SUPPLIED WITH A 10 ML BOTTLE OF HELDITE THREAD SEALANT  
HIGHLY FLAMMABLE**

### Fitting to bottom-outlet tanks

1. Separate the 1"BSPT male union from the filter unit by undoing the hydraulic nut
2. Dress the 1"BSPT male thread with PTFE, and/or Heldite, taking care not to warp PTFE around the end of the fitting
3. Screw the 1"BSPT union into the tank outlet, tighten sufficiently using a spanner or socket to make an oil tight seal
4. Connect the filter unit to the Cone Seat Union now protruding from the tank, ensure the filter bowl is pointing downwards, and tighten the hydraulic nut. **THE NUT IS SEATED ON AN O'RING TO SEAL WITH LITTLE EFFORT, PTFE, HELDITE, OR EXCESSIVE TIGHTENING IS NOT REQUIRED**
5. Ensure handle is turned 90 degrees to filter body, leave the valve in this closed position until you are ready for oil to flow through
6. The oil line should now be connected using the 10mm compression nut, olive, and tube support insert provided. Use of Heldite on the nut thread will prevent loosening
7. **NOTE:** if a different oil line size is required, remove the supplied compression nut & olive, and connect a suitable adaptor into the 3/8"BSPT Female thread

The Atkinson Filtervalve can be fitted to top-outlet tanks with the addition of standard plumbing fittings, but we always recommend that for top off-take installations, installers should always use our 'Tanktop' Top Off-Take System with integrated Anti-Siphon Valve

The Filter & Seals in the Filtervalve should be replaced at each Tank / Boiler Service

The Replacement Filter & Seal Kit for Filtervalve AFV-1000 is part number AFV-1000-KIT. Instructions on filter change are provided with the Filter & Seal Kit

In the unlikely event that you experience any problems with this product, please contact your distributor

### **Atkinson Equipment Ltd**

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