

MI0345

Thompson Valves Ltd. IVP – W11 Type Filter

OPERATING AND MAINTENANCE INSTRUCTIONS

GENERAL NOTES

Maximum Inlet Pressure – 750 Bar

Hydraulic Test Pressure – 1125 Bar

Operating temperature range -10°C to +100°C

The pressures within this filter are sufficiently high to endanger human life.

Only qualified personnel must carry out installation and maintenance.

The W12 filter is designed for a DN10 line and is complimentary to the J50, and J55 range of Thomson regulators.

GENERAL DESCRIPTION

The model W11 Filter comprises of a Stainless Steel body and cap containing a Stainless Steel mesh filter element. Sealing is achieved by the use of o-rings.

INSTALLATION

The filter is designed to be line mounted with the flow in the direction of the arrow marked on the body. The filter cap should be facing in a downward direction. This prevents any debris entering the line when cap and element are removed.

MAINTENANCE

The only servicing required is periodic cleaning of the filter element. The interval at which this procedure is performed depends on the degree of contamination in the medium passing through the unit. Generally it is recommended that the filter unit should be inspected every three months although customer usage may determine a longer or shorter interval.

To strip the filter unit adopt the following procedure.

- (1) Isolate and vent all pressure from the line. *It is highly dangerous to attempt any remedial action whilst pressure is still present in the filter.*
- (2) Unscrew the cap (2) and remove, withdraw filter element (3), and remove o-rings (4 & 5)
- (3) Clean element, inspect o-rings (4 & 5) and replace if necessary.
- (4) Assembly is a direct reversal of stripping. Except for final tightening, filter should assemble hand tight. If more force is required then the element or o-rings may not be aligned. Any excessive force may damage components.
- (5) Unit is ready to re-enter service.

