

BOOK FIVE SECTION SIX
COMMISSIONING AND SERVICING PROCEDURE

S2.2.2 Metal Element Type

Annual replacement of disposable filter elements and seals are essential to protect downstream equipment. Mark the date of fitting a new cartridge on the top or body or the filter.

Follow the filter manufacturer's instructions as contained within the manufacturer's replacement service kit.

NOTE: Only original manufacturer's service kits should be used.

Where manufacturer's instructions are no longer available the following procedure is recommended:

- Turn off oil.
- Unscrew bowl-retaining screw and lower the bowl.
- Remove filter element from the housing, wash in clean oil, inspect condition and, if satisfactory, replace carefully. Fit new seals to unit and reassemble bowl to the upper section of the filter. Turn on oil, check that the bowl is oil tight and bleed off any air through the bleed screws on the upper section.

S2.2.3 Air Venting

Air trapped in the top of the filter can seriously impair the performance of the burner by restricting oil flow and must therefore be removed. Most filters have vents on the inlet and the outlet side. Integrally combined filter and sight gauge units normally require opening of sight tube valve (as if to read level) to vent new filter.

S2.3 Fire Valves

S2.3.1 Remote Acting Phial and Capillary.

Visually inspect the valve for signs of damage and/or oil leakage at joints with the oil supply pipe. The sensor capillary should be checked throughout its length for any kinks or damage and to ensure that it is adequately supported and protected.

Due to the inherent frequency of risk of exposure to scolding open to technicians, OFTEC can no longer support the use of boiling water being used as a test medium to prove the operation of fire valves.

For further advice on field testing methodologies please refer to manufacturers instructions.

For guidance on the installation of fire valves refer to OFTEC Technical Book 3, Section 3, diagrams 3.16 and 3.17