



Eaton Filtration, LLC

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Installation, Operation &
Service Manual

Model 91 T-Strainers

Read all instructions before installation or operation of equipment. Failure to comply with these instructions could result in bodily injury and/or property damage.

Installation

Each strainer is shipped completely assembled and ready for installation. Please note that the "Inlet Tag" must be correctly oriented to assure effective operation during service. Although all Eaton Strainers are 100% hydrostatically tested at the factory, it is recommended that you inspect all strainer closures prior to putting the strainer into service. Check that all hardware is secure and that the gaskets and/or o-rings seal properly.

Operation

Once properly installed, the strainer requires no special monitoring. The pressure drop across the screen should be periodically checked to determine when the screen requires cleaning. The maximum allowable pressure differential across the screen should be determined and recorded to maintain trouble free operation.

Maintenance

Prior to opening the strainer, or any pressure vessel, care must be taken to release all internal pressure. On vessels containing vent ports, simply open the vent valve or the vent port plug to a point which allows the pressure to drop slowly. On vessels without vent ports, back-off all closure hardware one (1) complete turn and allow the pressure to drop. Once the pressure is relieved, the cover may be safely removed taking care not to damage any machined surfaces. The screen may be removed and cleaned as required, e.g. steam cleaning, solvent cleaning or wire brushing.

When installing the screen back into the strainer body take care to insure that the screen is inserted between the two guides and pressed into place.

Prior to closing the cover, inspect and clean all machined surfaces to minimize damage to o-rings or gaskets. Insure that o-rings or gaskets are properly aligned prior to tightening of hardware. Tightening of hardware should be done according to standard pipe fitting practice.

Recommended Spare Parts

1 Eaton Replacement Screen and 1 Eaton Replacement Gasket or O-Ring.

Always use genuine Eaton replacement parts for guaranteed fit and performance. When ordering parts specify all nameplate data as well as the description and quantity of the parts.

Visit our web site www.filtration.eaton.com for more information about Eaton Strainers.