

Installation & Operation Manual of Universal Strainer

A) Installation

Each strainer is shipped completely assembled and ready for installation, Although all Universal Strainers are 100% hydrostatically tested at the factory accordance to the ASME sec VIII Div 1 requirement, 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.

B) 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 not be more than 2.5 Bar and we advise you to record and maintain to ensure trouble free operation.

C) Maintenance

Prior to opening the strainer, 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. 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 or solvent cleaning.

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-ring.

Insure that o-ring is properly aligned prior to tightening of hardware. Tightening of hardware should be done according to standard pipe fitting practice.