

YSS & YCS/YCSW STEEL Y-STRAINERS

I. INSTALLATION

1. Ensure compatibility between strainer materials and media being used.
2. Make sure that the strainer and piping are adequately supported and properly aligned.
3. Make sure all pipe end connections are clean and free of any debris.
4. Apply pipe sealant (pipe dope, Teflon[®] tape, Loctite[®], etc.) to the male end pipe prior to installing the strainer.
5. Make sure the arrow on the body corresponds with the direction of flow.
6. Use a pipe wrench on the pipe, near the strainer, and a wrench with flat jaws which properly fit the strainer body hex flats.
 A pipe wrench is for pipe, never for strainers. Fit wrench over strainer hex flats at the end where connection is being made. Never apply an installation torque through the strainer. Strainer bodies may be twisted out of shape by using a wrench on the hex opposite the joint being tightened or by using a wrench which is too large. **DO NOT OVER TIGHTEN!** With proper application of the thread sealant, a pipe joint seal can be achieved without using an excessive amount of turning effort.
7. Check the system for leaks prior to putting the strainer(s) in service.

II. MAINTENANCE

1. Periodic cleaning is essential in any strainer installation.
2. It is recommended to install pressure gages on both the inlet and outlet side of the strainer to aid in determining the need to clean the screen.
3. When the screen becomes 50% clogged, the pressure drop will normally double that of a clean screen. The pressure drop should not be allowed to go over 30 psig.
4. If a problem should arise or a screen requires cleaning or replacement, do not disassemble the strainer while the line is under pressure.

III. SCREEN REPLACEMENT

1. Depressurize and drain system.
2. Drain body by loosening cap, removing drain plug or opening ball valve.
3. Remove cap from strainer.
4. Remove old screen and clean or discard.
5. Reinstall ball valve or plug using thread compound or sealant.
6. If leakage occurs under test, return to step 1.