



FABROTECH INDUSTRIES, INC.

## INSTALLATION, OPERATION & MAINTENANCE

### "Y" STRAINERS

#### **WARNING**

Individuals performing removal and disassembly should be provided with suitable protection from possibly hazardous liquids.

Before installing the "Y" strainer, be sure its pressure rating is correct for the system. If the end connections are threaded or designed for soldering or brazing, be sure the piping is straight and not at an angle or offset. If the strainer has flanged ends be sure the flanges of the connecting piping are square with the pipe so that no undue stresses are put on the strainer or piping when tightening flange bolts. Tighten bolts in sequence crossing to opposites.

For maximum efficiency, a differential pressure gauge installed across the inlet and outlet will indicate pressure loss due to clogging and may be used as a guide to determine when cleaning is required. If the strainer is equipped with a blow-down valve, open and flush out until any sediment is removed. If the strainer is not fitted for blow-down cleaning, remove the cover (or cap) and clean the screen. Re-install the screen in the strainer in the same position as before and tighten cover (or cap). Replace the gasket if necessary.

Keeping a spare, clean screen will minimize shut down time.

#### SPARE PARTS

To order replacement screens or gaskets, which are the only items normally required, specify the following.

- a) Size and model number of strainer or casting number as it appears on the body of the strainer.
- b) Specify service. For example: water, steam, gas, air, oil. The working pressure and temperature of the system and particle size to be strained out should also be specified.

