

Installation, Operation and Maintenance

"T" Strainers

⚠ WARNING

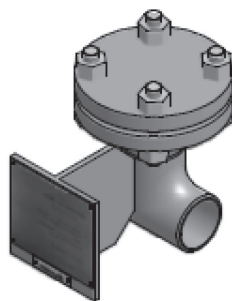


Read this Manual **BEFORE** using this equipment. Failure to read and follow all safety and use information can result in death, serious personal injury, property damage, or damage to the equipment. Keep this Manual for future reference.

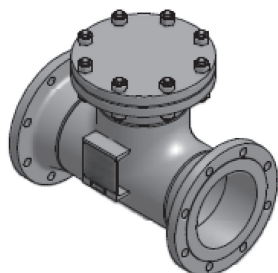


⚠ WARNING

Local building or plumbing codes may require modifications to the information provided. You are required to consult the local building and plumbing codes prior to installation. If the information provided here is not consistent with local building or plumbing codes, the local codes should be followed. This product must be installed by a licensed contractor in accordance with local codes and ordinances.



Typical Butt-Weld "T" Strainer



Typical Flanged "T" Strainer

Before installing the "T" strainer, be sure its pressure class, design pressure, and design temperature are correct for the system.

- Verify bolting requirements for flanged units and end bevels for butt weld units.
- Verify piping connections are within acceptable alignment tolerance so that no undue stresses are placed on the strainer or piping once the strainer is installed.
- When tightening flange bolts use a criss-cross sequence, in accordance with good piping practice.

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. Normally, when differential pressure reaches 5–10psi, screen must be cleaned.

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, (strainer must be off line), remove the cover and clean the screen. Reinstall the screen in the strainer in the same position as before and tighten cover. Replace the gasket if necessary. Keeping a spare, clean screen and cover gasket will minimize shut down time.

⚠ WARNING

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

Spare Parts

Replacement screens or gasket are the only items normally required. To order please specify:

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

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information: www.watts.com/prop65

Limited Warranty: Mueller Steam Specialty warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge. This shall constitute the sole and exclusive remedy for breach of warranty, and the Company shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the Company has no control. This warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the product. **THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** Any implied warranties that are imposed by law are limited in duration to one year.

Some States do not allow limitations on how long an implied warranty lasts, and some States do not allow the exclusion or limitation of incidental or consequential damages. Therefore the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State to State. You should consult applicable state laws to determine your rights.

