

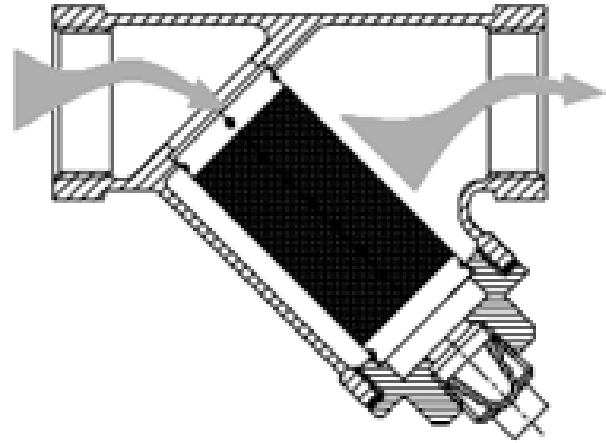
Y-Strainer • Threaded & Solder Connections • 20 Stainless Steel Mesh



T-651G



S-651G



FLOW OF FLUID

Installation:

Threaded End Connection Valves

1. Ensure that the location selected for installation has sufficient free space for easy access to the filter cleaning plug. Make sure the filter cleaning plug drops vertically.
2. Use standard piping practices when installing valves with threaded parts. When tightening the valve to the pipe, apply the wrench to the end cap nearest the pipe being worked.
3. Be sure that the threads on the mating pipe are free from excessive grit, dirt, or burrs.
4. Verify that the valve is installed in the piping system so the flow direction corresponds with the flow arrow on the side of the valve body.
5. Check the valve and joints for leaks prior to putting the system into service.

Solder End Connection Valves

1. Ensure that the location selected for installation has sufficient free space for easy access to the filter cleaning plug. Make sure the filter cleaning plug drops vertically.
2. Use sandpaper or a steel wire brush to clean to make sure that the surface of the mating pipe is free from grit, dirt, or burrs.
3. Verify that the valve is installed in the piping system so the flow direction corresponds with the flow arrow on the side of the valve body.
4. Preheat the copper pipe and apply flux to the outside of the clean pipe and inner wall of the solder joint evenly. Insert the pipe to the full shoulder depth and apply even heat to the joint with the heat source facing away from the strainer body. Allow solder to flow into the joint around the full circumference of the joint. Allow the strainer to cool before repeating the process on the opposite side. Overheating during the installation will damage the strainer. Limit heat exposure to 300°F.
5. Check the valve and joints for leaks prior to putting the system into service.

Operation:

1. Open the blow down to let air out.
2. Open the outlet valve first, then the inlet valve. Open the flow gradually to avoid damaging the Y-strainer filter.
3. Close the blow down when the flow system is ready.

Maintenance:

1. Periodically remove the Y-strainer cleaning plug so impurities are discharged.
NOTE: Use two wrenches to remove the plug: one to secure the bonnet and the other to remove the plug.
2. Periodically remove the bonnet to clean the filter to prevent dirt from clogging. Grasp the body with a pipe wrench and install the spanner to the bonnet. Clean the filter from dirt with running water or replace it with a new one if it is damaged. Put the filter and gasket back on the bonnet and carefully tighten in back onto the body.
3. Reinstall the plug by wrapping the sealing tape to prevent leakage and tighten carefully.