THERMO TECH INC.

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Installation Instructions: FJX Connector

Piping should be lined up accurately before installing the connector. Angular, lateral, and axial misalignment, and / or torque, will cause shearing stresses, so the system must be piped to **eliminate excessive misalignment**.

Check to be sure that the face to face opening between the mating flanges on the piping is the proper dimension for the connector and that the flanges are parallel. It is important that the **connector fit correctly** between the mating flanges. Tighten up the flange bolts evenly using the criss-cross method.

Don't rotate or torque the connector to match the bolt holes in the mating flanges. Piping and flanges should be installed straight and true so that the bolt holes are properly lined up. Flange bolts **should not be used** to correct system piping alignment problems.

Be sure the control rods are properly installed, but don't pull them up tight. Leave about 1/4" between the nut and the flange face. If double nuts are used on the control rods, tighten them against each other so they won't vibrate loose. Do not use the control rods for a piping system anchor or for hanger rods. The control rods are very important to the installation. They restrain the connector from any possible hyper-extending due to excessive system pressure or movement.

For vibration applications, mount the connector close to the equipment. The piping **must be securely anchored** next to the connector, at the end opposite to the source of vibration. When the connector is used to absorb rated thermal expansion and contraction motion in a piping system, the adjacent piping **must be properly anchored and guided.**

Don't let the connector support any weight except its own. System piping **must be properly supported** and hung. Since the connector is flexible, any extra weight will stress it.

Be sure to **remove any shipping bars, blocks, or spacers** after the connector is installed and the system piping is secured.

Never install a connector where its temperature or pressure ratings could be exceeded. Be sure you know the ratings of the connector and of the system.

This quality pump and equipment connector was **manufactured with pride** in the **U S A.**