

SOLPAL

Connections and piping

The SolPal inlet MPT (Male Pipe Thread) nipple and the pre-installed outlet Ventilation/Vacuum Breaker Valve with MPT threads have Metric threads; use the provided brass adapter fittings (Metric x 3/4" MPT) to transition to National Pipe Threads (NPT) for applications in North America.

The Female Metric side of the brass adapter **MUST** be connected to the The SolPal inlet MPT (Male Pipe Thread) nipple and the pre-installed outlet Ventilation/Vacuum Breaker Valve with MPT threads using the provided flat-sealing washer. **DO NOT use Teflon tape on this fitting.**

WARNING:

- Before tightening the connection, check to make sure that seals are positioned properly.
- **Use a torque wrench to tighten the connection; do not exceed a torque of 25 lb/ft.**

Always use pipes suited for use in sanitary facilities which can withstand temperatures of at least 212 °F. SolPal requires the use of all copper or brass fittings in the collector loop plumbing.

RECOMMENDED:

To prevent over-tightening and/or excess pressure on the SolPal inlet and outlet fittings, use a flexible connector pipe as shown below. Securely hold the brass adapter previously installed above with a wrench to prevent movement of the brass adapter while attaching the flexible connector pipe. The flexible connector pipe has a FPT (Female Pipe Thread) fitting that includes a flat-sealing rubber washer; hand tighten and then tighten one more revolution with a wrench while securely hold the brass adapter with another wrench. **DO NOT use Teflon tape on this fitting.**

It is recommended that you make all solder connections and other threaded connections before connecting the flexible connector pipe to the brass adapter. Once all plumbing is complete, it can be insulated and then make the final connection to the brass adapter.

