

Bar Stock Style Pressure Relief Valve Manifold

Pressure, Temperature Ratings, Sealing Methods and Assembly

Pressure rating- 700 PSIG / 48 BAR Working Pressure

Temperature rating- -40°F / °C to +300°F / 149°C

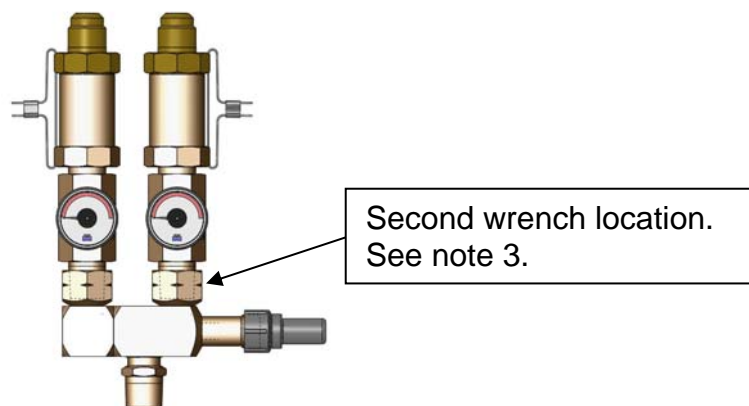
Assembly instructions:

Inspection

- 1) Ensure threads are clean and free from foreign particles and debris.
- 2) Inspect parts for nicks or damage threads.

Installation

- 1) Mueller recommends the usage of a refrigerant grade pipe sealant such as a Loctite or Everseal. However, Teflon tape can be used, but it is recommended that the tape be wrapped around the threads 3 to 4 times with a minimum of 2/3's coverage of the full thread. The recommended torque to seal ½" NPTF threads is 360-480 inch*pounds.
- 2) Install the manifold hand tight before applying a wrench.
- 3) Use two wrenches when applying torque to valves for steps 4, 6 & 7. Second wrench to be used for support at location shown below to prevent damaging the manifold.
- 4) Install the two rupture disks hand tight into the manifold before applying a wrench.
- 5) Install the optional pressure gages into the rupture disks.
- 6) Install the two relief valves hand tight above the rupture disks before applying a wrench.
- 7) As a general rule of thumb parts should be tightened to somewhere between 2 and 3 threads exposed outside the joint area to ensure the leak tight joint.



The above information is to be used as a general guideline and may have to be amended to suit the end user's situation.

Bulletin #MANRUPTPRV-I

6/29/15 WD