Series GGS Gauge Guard
Fill / Bleed Port Instructions

The optional fill / bleed port can be used to relieve excessive gage pressure after filling or to fill the upper housing of the unit after the gage has been installed.

To fill the upper housing, first insert the O-ring supplied with the unit into the ¼” NPT gauge port. Screw in the gauge fully to compress and seal against the O-ring. (The bottom end of the ¼” NPT gauge threads must be flat and square with the threads and have a good surface finish to create a tight seal.)

A vacuum should be pulled on both the gauge side and the process side of the gauge guard to evacuate any air in the unit. While under the vacuum a 1/4-20 thread fill adaptor can be screwed into the fill / bleed port to insert the required liquid. After filling, the 1/4-20 stainless steel pan head screw can be reinstalled with the Viton seal between the screw head and the counterbore.