

## PRESSURE TESTING THE PIPES AND MANIFOLD

Once all loops have been installed and connected to the manifold, it is time to pressure test the tubing and manifold.

- ▶ Connect a pressure test kit with a 0–100 psi gauge and an air valve to the manifold.
- ▶ Prior to filling the system, make sure to open the manifold supply and return valves.
- ▶ Pressure test any portion of the system that will be embedded in the floors, walls or ceilings of the building to 100 psi or 1.5 times the operating pressure, whichever is greater, for at least 30 minutes or for a sufficient period of time to determine if any leaks exist in the system, and as consistent with local and mechanical codes. Reduce pressure to 30 psi prior to embedding the tubing. A 30–40 psi pressure test should remain during phases of construction to monitor system integrity.

**NOTE: If tubing is to be left under pressure for a longer period, make sure to reduce the pressure to 30 psi.**

**NOTE: Consult local mechanical code for specific requirement in your area.**

