

Pressure test log for drinking water units – testing method »dry«



Installations with the systems Sanpress, Sanpress Inox, Profipress, Sanfix Fosta, Sanfix¹⁾ and Raxofix

Testing medium compressed air or inert gas

Construction project/Construction phase _____

Customer/Representative _____

Contractor/Representative _____

Material of the piping system _____

Unit pressure _____ **bar**

Testing medium Oil-free compressed air Nitrogen CO₂

Ambient temperature _____ °C

Test medium temperature _____ °C

The drinking water unit was tested as a complete unit in _____ sections

¹⁾ The instructions included in the ZVSHK information sheet »Leakage tests for drinking water installations« section 4.5. Plastic Materials should be observed.

- All pipes have been closed using metallic plugs, caps, shut-off plates or blind flanges.
- Devices, pressure containers or drinking water heaters have been de-coupled from the pipelines.
- Only press connectors, shut-off fittings and flanges with Viega SC-Conturs were used in the drinking water installation. Therefore the leak-tightness of these connection points for this section could be checked centrally using a manometer.
- A 100% check of the connection points with threaded connections, screw-fittings and components without SC-Contur has been carried out.

Leakage test – testing pressure 150 mbar

Up to a pipe volume of 100 litres, the test duration must be at least 120 minutes.

For every further 100 litres, the testing is extended by 20 minutes.

Sufficient time for temperature balance and thermal equilibrium are observed then the testing time begins.

- Pipeline volume: _____ litres Testing time: _____ minutes
- Visual control of the piping unit / Check per manometer (metering precision 1 mbar) with U-pipe or standpipe water pillars have been completed.
- No leak was noted during the function test.

Load test with increased pressure

Temperature balance and thermal equilibrium are observed when dealing with plastic materials, the testing time begins thereafter.

- Testing time: 10 minutes
- Manometer with metering precision 0.1 bar)
- DN ≤ 50 with testing pressure_{max} = 3 bar
- DN > 50 with testing pressure_{max} = 1 bar

Comments

The unit has been tested in accordance with the necessary specifications!

Town _____

Date _____

Customer signature

Contractor signature