

# Pressure test log for closed hot water heating and cooling systems - "dry"



Installation with the systems Profipress<sup>1)</sup>, Sanpress<sup>1)</sup>, Sanpress Inox<sup>1)</sup>, Prestabo<sup>1)</sup>, Megapress<sup>1)</sup>, Sanfix Fosta<sup>1)</sup> and Raxofix<sup>1)</sup>

Project / no.		
Building project / construction stage		
Customer / representative		
Contractor / representative		
Piping system used		
Material of the piping system		
Temperatures	Ambient _____ °C	Testing medium _____ °C
Testing instruments used	Leakage test Device ID no. _____	Load test Device ID no. _____

Testing medium	Oil-free compressed air	Nitrogen (inert gas)	Carbon dioxide (inert gas)
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The completed system was checked as one entire pipeline or in ___ sections.	
All lines are closed with metal plugs, caps or blind flanges.	
All pipe connections were visually checked for proper execution.	
The piping system was slowly filled with the medium until the test pressure (150 mbar) was reached.	

## Temperature compensation

The tests started under consideration of a waiting period, if applicable, for temperature compensation after the test pressure was reached, or after refilling due to temperature-related pressure loss.	
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## Leakage test

For press connectors which should be leaky when unpressed:

The minimum test time up to a line volume of max. 100 l is 120 minutes. Per additional 100 l, the test time must be increased by 20 minutes.

Maximum total test time: 360 minutes

Tested pipeline volume	_____ litres	Test time:	_____ minutes
After application of a test pressure and expiry of the test time, all connection points are leakproof.			

## Strength test with increased pressure

Test pressure ≤ 50 DN max. 3 bar	
Test pressure > 50 DN max. 1 bar	
No pressure loss after 10 minutes was observed.	
The piping system has been properly tested. It is leakproof.	

<sup>1)</sup>The information in the ZVSHK brochure "Leakage tests of potable water installations", sections 1-3 and 5-7 must be observed.

## Comments:

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\_\_\_\_\_

Place \_\_\_\_\_ Date \_\_\_\_\_

\_\_\_\_\_  
Customer's signature

\_\_\_\_\_  
Contractor's signature

