

Delta-p



## Triple water softener Delta-p

The convenient solution for soft water

grünbeck

# Soft but with pressure.

Soft water is gentle to the skin, easy on the water installations, saves cleaning agents and provides advantages with regard to hygiene. The triple water softener Delta-p supplies soft water in the most convenient manner. Thanks to the patented three-way ball valve, the available water pressure is maintained at the highest level possible.



Delta-p 1"

Delta-p 2" on a pedestal

## Advantages of the Delta-p

- Continuous soft water supply, no interruption of operation during salt regeneration
- Minimal pressure loss of < 0.5 bar and < 0.8 bar respectively
- Easy installation – plug-and-play assembly
- Economical consumption of operating resources
- Precise, electronically controlled blending
- DVGW-certified

## Soft water at all times

With the triple water softener Delta-p you may continuously enjoy the advantages of soft water as – thanks to the triple technology – its operation is not interrupted during the salt regeneration. As two of the exchanger tanks always perform the softening operation synchronously, a high flow rate is ensured as well. Furthermore, the Delta-p's convenient connection to the drinking water system and its very low salt consumption speak for themselves.

## Minimum pressure loss

The Delta-p's patented three-way ball valve ensures a free flow and thus keeps the available water pressure at the highest level possible. All system components are dimensioned in a way that a very low pressure loss of maximum 0.8 bar is achieved.

## Precise, electronically controlled blending

In order to protect the pipework from corrosion, the water's residual hardness should be low. Therefore, water softeners subsequently add part of the raw water again – a process called blending. In the Delta-p, the blending is controlled electronically. The desired residual hardness is simply set at the control unit. A motor-driven valve regulates the blending hardness to  $\pm 10\%$  – a value considerably lower than required by the standards.

## Industrial version Delta-p-I, without blending module

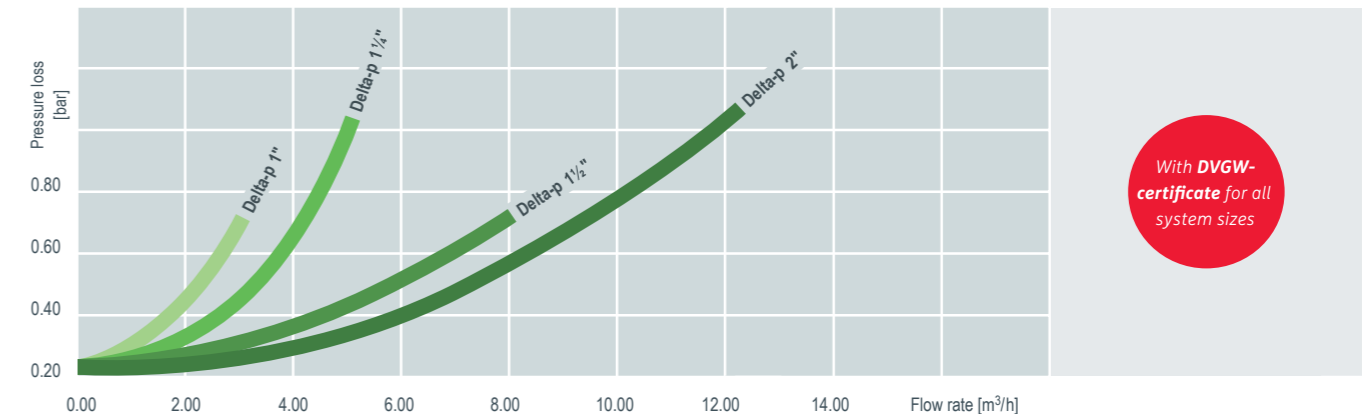
For industrial applications, the Delta-p-I version without blending module is available. The otherwise identical system generates fully softened water of < 0.02 mmol/l and may be connected to the drinking water system without any additional safety devices.

## Four system sizes, optionally mounted on a pedestal

The Delta-p is available in the sizes 1", 1¼", 1½" and 2". All models are also available mounted on a pedestal and ready for connection (including connection kit).

## Increased capacity due to parallel application

If the capacity of the 2" system does not suffice, up to four Delta-p systems can be connected in parallel. Grünbeck also offers the corresponding pipe systems.



With DVGW-certification for all system sizes

## Accessories

- Brine tanks with 65 kg or 180 kg of regeneration salt, larger tanks available upon request
- Connection kit for water installation
- Pre-alarm salt supply
- Disinfection kit
- Parallel piping for Delta-p
- Cascade connection for Delta-p
- M-Bus measuring transducer, complete, to transmit the flow rate and the counter reading



DVGW-certified systems are intrinsically safe. This means that no additional safety device is required.



Grünbeck Wasseraufbereitung GmbH  
Josef-Grünbeck-Str. 1  
89420 Hoehstaedt  
GERMANY

+49 9074 41-145  
+49 9074 41-70145

info@gruenbeck.com  
www.gruenbeck.com



More Info at  
www.gruenbeck.com



A company certified by TÜV SÜD  
in accordance with DIN EN ISO 9001,  
ISO 14001 and SCC®  
www.tuev-sued.de/ms-zert



Follow us on Facebook!