

REVERSE OSMOSIS COLLECTION

Innovative BWT technology for the third millennium

Compact installation to demineralise non-ferrous and manganese-free, clear drinking and process water. For various purposes. Completely piped and wired internally. With electrical control unit for manual and automatic operation.

Optical information system consisting of: displays for operating hours and permeate quality and flow rates, fault indications and alarm signals, communication via standardised PC interface available.

Reverse osmosis module as spiral winding module with PA/d composite low-energy membranes.

Technical specifications: ambient temperature, min./max. 5/30 °C (41/86 °F). Inflow pressure for feed-in water, min./max 2.5/6 bar (36.2/87 psi), total salt content, max. 1000 ppm, colloid index, max. 3. Consultation necessary.

BWT - PERMAQ® PICO – Reverse osmosis

Ultra-compact operation through integrated dead volume-free connection technology type 10-70, suitable for „under table“ installation, “online” operation possible as an option.

Scope of delivery:

Fine mesh filter with 5mm , optional AS dosing unit for direct fitting onto the device connection set.

Recommended accessories:

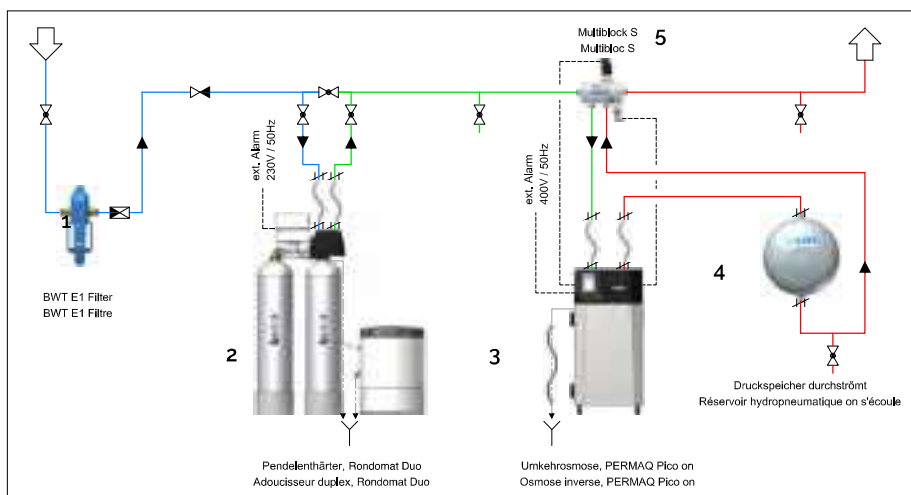
When operating without the softener, a dosage system must be upstream. Together with the online connection kit, a pressure reservoir and profile, a complete system exists for online operation, including pressure measurement and emergency supply. For offline operation, a permeate reservoir and pressure increase are necessary. In accordance with DIN 1988, the system must have a system separator and protective filter connected upstream.

PERMAQ® PICO 10 - 70 FT

| TYPE | 10 | 20 | 30 | 40 | 50 | 60 | 70 |
|--|----------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Permeate output in l/h online (at approx. 3.0 bar counterpressure) | 140 | 200 | 280 | 450 | 900 | 1,300 | 1,500 |
| Permeate output in l/h offline (free flow) | 180 | 270 | 440 | 580 | 1.150 | 1.620 | 1.950 |
| Permeate recovery | | | | 80 | | | |
| Salt retention rate | | | | 98 | | | |
| Order-no. Online | 13043 | 13044 | 13045 | 13046 | 13047 | 13048 | 13049 |
| Order-no. Offline | 13050 | 13051 | 13052 | 13053 | 13054 | 13055 | 13056 |
| Type | AS dosing unit | | | | | | |
| Order-no. | 13914 | | | | | | |

Feed water in drinking water quality of 15 °C, TDS ≤ 1,000 mg/l, SDI ≤ 3 %, Oxidants ≤ 0,05 mg/l inlet pressure 2.5 bar

BWT - PERMAQ® PICO



BWT - PERMAQ® PICO in online mode

- 1 Filter
- 2 Softener
- 3 Reverse osmosis
- 4 Pressure storage tank
- 5 Multiblock with built-in bypass