

## Water softening systems in cabinet

### R2D2-32 (Articlenumber 1111.0004)

Single softener in cabinet design for softening drinking and service water up to a maximum of 30 °C.

The R2D2-32 consists of:

GFK pressure tank, filled with high-quality ion exchange resin, modern design, cabinet housing with a maximum salt storage capacity of 25 kg, sliding lid, volume-controlled central control valve, type BNT 1650, integrated fine blending valve, suction device and connecting line to the central control valve, wastewater hose, 12 mm Ø, 2,000 mm long.



R2D2-32



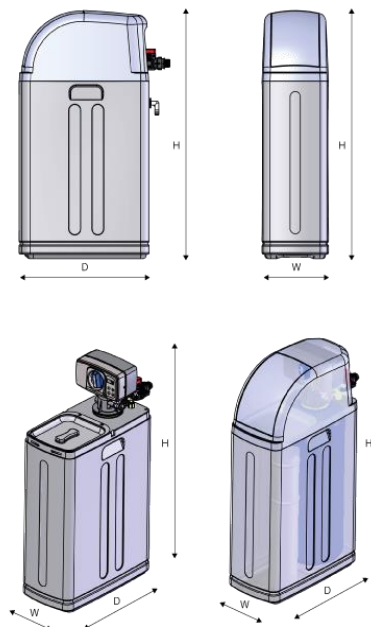
Control valve  
BNT 1650

Technical Data	R2D2-32
<b>Performance Data</b>	
For households up to	1-4 persons
Capacity at 10°dH	3,200 l
Capacity at 15°dH	2,130 l
Capacity at 20°dH	1,600 l
Nominal flow rate*	1.00 m <sup>3</sup> /h
Nominal flow rate**	0.24 m <sup>3</sup> /h
Maximum raw water pressure	6.0 bar
Minimum raw water pressure	2.0 bar
Pressure loss at maximum flow	0.6 bar
Salt consumption per regeneration	1.28 kg
Regeneration time	30 minutes
<b>Physical Data Cabinet Housing</b>	
Height Cabinet Housing	650 mm
Width Cabinet Housing	220 mm
Depth Cabinet Housing	460 mm
Maximaler Salzvorrat	25 kg
<b>Physical Data GFK Pressure Tank</b>	
GFK pressure tank type	8" x 17"
Resin content	8 l
<b>Control Valve</b>	
Control valve	BNT 1650
Water connections	1" external thread
Wastewater connection	12 mm
<b>Electrical Characteristics and Conditions</b>	
Power consumption	3 Watt
Electrical connection	230 / 50 / 24 V
Maximum water temperature	30 °C
Total system weight	17 kg
<b>Articlenumber</b>	1111.0004

\* According to DIN 19636 (20 °dH to 8 °dH)

\*\* from 20°dH to 0,5 °dH (40 BV / h)

### Dimensional drawing for the technical data



### Installation Conditions

- Drinking or raw water connection
- Socket 230 V / 50 Hz
- Waste water connection
- Pressure reducer at > 6 bar
- House water filter at the inlet