

## Data sheet

# Labowater cabinet water softener VAK

Compact water softener for softening/partial softening of iron- and manganese-free drinking and industrial water, cold max. 30°C

Consisting of:

High-quality pressure tank made of corrosion-resistant GRP,

filled with softening resin, in drinking water and food quality.

Built into a PE cabinet salt container. Suction device and connecting line to the **time-controlled** or **volume-controlled** central control valve, CLACK WS 1 CI (1"AG) made of Noryl.

Built-in mixing valve. 1 x germ protection device (3/8") Required accessories:

2 x reinforced hoses

1 x mounting block with fine adjustment 1 x measuring kit for total hardness

1 x Salt tablets



## Function

The VAK cabinet-type water softener operates on the principle of ion exchange. The system is regenerated fully automatically by the microprocessor control.

Monitoring of the amount of soft water produced, various operating modes (time control, volume control or volume control with time priority)

Once the corresponding setting has been reached, regeneration is triggered. For hygiene reasons, forced regeneration is scheduled after 4 days at the latest if water consumption is low.

With germ protection device that disinfects the exchange resin during regeneration.

Menu-driven control with display showing remaining capacity, current flow rate, diagnostic mode, error detection.

System designation		VAK4 MINIBOY	VAK 6	VAK 10	VAK 15
<b>Performance data</b>					
Capacity at 10° dH	litres	1600	2400	4000	6000
Capacity at 15° dH	litres	1200	1800	3000	4500
Capacity at 20° dH	litres	800	1200	2000	3000
Salt consumption per regeneration	kg	0.96	1.44	2.4	3.6
Wastewater volume per regeneration	m³	0.04	0.06	0.11	0.16
<b>Volume and weights</b>					
Nominal flow rate	m³/h	0.16	0.24	0.4	0.6
Resin quantity	litres	4	6	10	15
Regeneration salt supply	kg	10	35	35	75
Operating weight (system) max.	kg	80	135	140	155
<b>Dimensions</b>					
Height	mm	550	670	670	1140
Width	mm	230	500	500	500
Depth	mm	400	320	320	310
Pressure cylinder	Inch	6x13	8x17	6x35	7x35
Item no. VAK (without accessories)		82.0200. 101.004	82.0200. 101.006	82.0200. 101.010	82.0200. 101.015

#### Technical data:

Flow pressure min. 2.5 bar,  
water pressure max. 8 bar, water  
temperature max. 30°C,  
Raw water and soft water connection R 1 inch,  
Sewer connection 12 mm,

