



BWT AQUADIAL softlife

Domestic water softener

Advanced softener for homes and plumbing systems

BWT AQUADIAL softlife has been designed for the modern home - to complement our busy lifestyles and deliver a copious amount of softened water to meet the demands of today's modern life.

Fully automatic and very easy to setup,

BWT AQUADIAL softlife works with an anticipated volume and with proportional regeneration to optimize water and salt consumptions.

BWT AQUADIAL softlife standard scope of delivery contains all items for standard connection and hardness analysis kit.

BWT AQUADIAL softlife is equipped (in option) with a chlorination cell for an automatic disinfection and with a high flow connection kit for a better performance.

Technical features and special characteristics

Compact design

Standard connection and hardness analysis kits included

Fully automatic & easy to use

Proportional brining (more capacity, less salt consumption)

Pre-assembled and factory-set for easy installation and set-up

Advanced digital control system for maximum performance and efficiency

Rotary valve for greater reliability

Tested and fully compliant with the European quality Norm EN 14743

Automatic Resin disinfection at each regeneration (in option)

High flow connection kit for optimum performance (in option)

For You and Planet Blue.

 **BWT**
BEST WATER TECHNOLOGY

Technical data: BWT AQUADIAL softlife

BWT AQUADIAL softlife	Unit	10 / 10 Bio*	15 / 15 Bio*	20 / 20 Bio*	25 / 25 Bio*
Nominal connection (outside thread)	BSP	¾" (DN 20)		¾" (DN 20)	
Nominal flow rate in accordance with EN 14743	l/h	1'440	1'560	1'680	1'680
Operating pressure EU; UK (min./max.)	bar	1.0 / 8.0 (for EU) ; 1.7 / 5.0 (for UK)			
Pressure drop down at nominal flow in accordance with EN 14743	bar	1.0			
Quantity of ion exchange resin	l	10	15	20	25
Nominal capacity in accordance with EN 14743	m³ x °dH	26	43	60	75
Nominal capacity in (ppm mg CaCO ₃ /l) / (mmol/l)	ppm / mmol/l	460 / 4.6	770 / 7.7	1'070 / 10.7	1'340 / 13.4
Capacity salt reservoir	kg	12	16	24	24
Salt consumption per regeneration	kg	1.5	2.0	2.5	3.0
Water consumption per regeneration	l	85	105	125	145
Water-, ambient temperature (min./max.)	°C	5 / 30, 5 / 40			
Protection class	IP	51			
Electrical connection	V / Hz	230 / 50			
Electrical power consumption	W	15			
Dimensions: Width, depth, height (WxDxH)	mm	270 x 480 x 532	270 x 480 x 602	270 x 480 x 804	270 x 480 x 804
Connections for hard water inlet (C1), outlet (C2)	mm	403	473	675	675
Operating weight, approx.	kg	40	50	65	70

*) Tested with high flow connection available in option, *) Bio chlorination cell for automatic disinfection at each regeneration

Installation conditions

Read all applicable installation regulations, general guidelines, general hygiene requirements and technical specifications.

Softening systems may not be installed in water supply systems which provide water for fire extinguishing purposes.

The pipe network must be flushed before the unit is installed.

The hard water to be fed into the unit must always meet the specifications of the Drinking Water Ordinance or EU Council Directive 98/83/EC. The total of dissolved iron and manganese may not exceed 0.1 mg/l. The hard water to be fed into the unit must always be free of air bubbles. If necessary, a bleed device must be installed.

Use corrosion-resistant pipe materials for installation.

A protective filter must be installed upstream from the water softener in the direction of flow. The filter must be functional before the water softener is installed. This is the only way to ensure that dirt and corrosion do not enter the water softener.

When installing the unit, select a location where the unit can easily be connected to the water supply network. A connection to the sewage system (at least DN 50), a floor drain and a separate power supply (230 V/50 Hz) must be located in the immediate vicinity.

Please observe

The installation site must be frost-proof and kept free of chemicals, paints, solvents and fumes. The ambient temperature must not be too high.

In accordance with EN 1717, the flushing water and overflow hoses must be connected at least 20 mm above the highest possible wastewater level (unimpeded drainage).

A minimum operating pressure is required for optimal functioning of the unit (see technical specifications). Besides, the water pressure should not exceed the maximum permissible pressure. If the water mains pressure is higher, a pressure reducer must be installed upstream of the unit.

