

BWT bestaqua 60/61/62



For a perfect dishwashing result

For You and Planet Blue.

 **BWT**
BEST WATER TECHNOLOGY



Water for dishwashers - perfect shine, perfect hygiene

Bestaqua removes minerals and limescale, which results in:

- Perfect dishwashing results, with no need for polishing
- Reduced staff costs and fewer broken glasses, due to less handling by hand
- No limescale = extended lifespan of the dishwasher
- Minimal consumption of detergent and rinse aid

Watch video:



Compact design



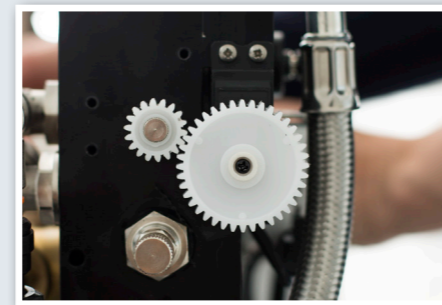
Fully automatic



Easy to service



Minimal water consumption



Why Bestaqua 60/61/62?

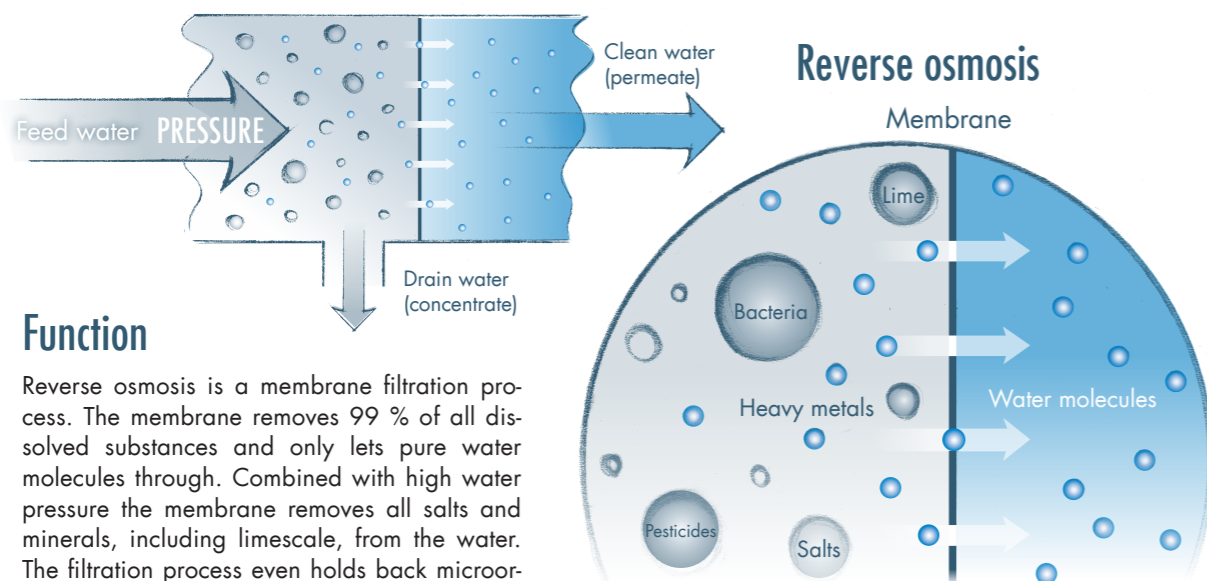
- Three capacities, same small footprint, identical cabinet
- Plug & play solution with simple, intuitive start-up guide
- User-friendly, intuitive display logs and shows all relevant data
- Minimal water consumption due to outstanding, automatic robotflow technology (only HQ models)
- Compact design with all in one cabinet including reservoir - fits perfectly under the table
- Unique BWT construction – time saving spare part exchange and maintenance
- High quality BWT membranes with 50 % higher performance, more than 99 % salt retention

Options

- Achieve superior WCF performance with pretreatments:
 - ▶ BWT bestsoft (softener) - up to 75%
 - ▶ BWT anti-scalant (dosing unit) - up to 80% (only HQ models)
- Achieve even higher water savings with reuse of drain water
 - ▶ BWT CRU (concentrate reuse system)
- Extra 38 liter reservoir system
- Connection kit including 5 µm prefilter (recommended)

BWT bestaqua		60 HQ	61 HQ	62 HQ	60 LT	61 LT	62 LT
Performance							
Nominal capacity, 10 °C*	l/h	160	250	400	160	250	400
Nominal capacity, 15 °C*	l/h	180	275	400	180	275	400
Permeate conductivity (max.)	µS/cm	< 20			< 20		
Salt retention rate	%	> 99			> 99		
Permeate output WCF ** (min...max.)	%	40...80 (automatic setting)			40...75 (manual setting)		
Distribution pump at 3 bar (flow)	m³/h	3,4			3,4		
Permeate reservoir volume	l	37		34	37		34
Feed water							
Feed water pressure (min... max.)	bar	3 ... 6			3 ... 6		
Temperature feed water / ambient (min... max.)	°C	5 ... 25 / 5 ... 35			5 ... 25 / 5 ... 35		
Iron and manganese (Fe+Mn)	mg/l	< 0.1			< 0.1		
Features							
Conductivity transmitter - permeate		Integrated			Integrated		
Conductivity transmitter - feed water		Integrated			Not available		
Flow transmitter - permeate		Integrated			Integrated		
Flow transmitter - concentrate		Integrated			Not available		
RobotFlow, automatic adjustment of WCF		Integrated			Not available		
Manual bypass		Integrated			Integrated		
Connections & dimensions							
Protection class	IP	54			54		
Electrical connection / fuse protection	V/Hz/A	230 / 50 / 10			230 / 50 / 10		
Electrical consumption (operation / standby)	W	1600 / 11			1600 / 11		
Electrical consumption for permeate production	kW/ m³	< 3.8	< 2.8	< 1.6	< 3.8	< 2.8	< 1.6
Hydraulic connections (feed water/permeate/concentrate/overflow)		¾" / ¾" / 12mm / 25mm			¾" / ¾" / 12mm / 25mm		
Dimensions (width x depth x height)	mm	350 x 560 x 736			350 x 560 x 736		
Weight (dry)	kg	50		55	50		55

* Feed water in drinking water quality of: 10°C / 15°C, 3 bar, TDS ≤ 500 mg/l ± 15%, SDI ≤ 3.0, oxidants ≤ 0.05 mg/l.
 ** Calculated by pre-treated feed water quality with max TDS ≤ 500 mg/l (5 µm pre-filter + pre-treatment: softening or anti-scaling)
 Attention should be paid to local installation instructions, general guidelines, general hygiene conditions and technical data.



Function

Reverse osmosis is a membrane filtration process. The membrane removes 99 % of all dissolved substances and only lets pure water molecules through. Combined with high water pressure the membrane removes all salts and minerals, including limescale, from the water. The filtration process even holds back microorganisms, bacteria, pesticides and heavy metals.

BWT – The Company

The Best Water Technology Group is Europe's leading water technology company. The BWT Water Partner Network consists of 2,800 employees as well as thousands of partner companies, service staff, installers, planners, architects, and hygiene experts. The staff of the R&D department work with state-of-art methods on new processes and materials to develop ecological and economical products. Reduction of the CO² emissions by reducing the consumption of resources and energy is a basic feature.

Almost everywhere, when it comes to water, be it at the inlet of the water supply line of the building at the „point of entry“ or at the point of withdrawal of water, „point of use“, the trendsetting products of BWT are in use and have stood the test millions of times. They are used in preparation of drinking water, mineral water and ultra-pure water for the pharmacy as well as in facilitating water for swimming pools and heating, process water, boiler and cooling water, and water for air-conditioners.

Numerous innovations guarantee our customers highest degree of security, hygiene and health in the day-to-day conduct with the precious life elixir water. Among others, the following innovations may be mentioned: SEPTRON®, world's first electrodeionisation module (EDI) with spiral winding, the MDA (manganese oxide activation) process for effective manganese removal, the bi-polar technology AQA total for chemical free scale protection, SANISAL – world's first regeneration salt for softening plants that simultaneously disinfects, as well as the new revolutionary Mg²⁺ technology for better taste of filtered water, coffee and tea. With unique high-performance membranes for fuel cells and batteries, BWT contributes to the clean energy consumption of the 21st century.

BWT – For You and Planet Blue conveys our aspiration to shoulder ecological, economical and social responsibility, to offer our customers the best products, plants, technologies, and services, and simultaneously to contribute to the protection of the resources worldwide on our blue planet.



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