



BWT PERMAQ® compact 2-6

Ultra-compact reverse osmosis

Ultra-compact RO in the product range of 60-180l/h

- Technically high value and ultra-compact product concept
- Excellent quality of the purified water, due to modern high performance membranes (salt retention rate >97%)
- Integrated high precision mixing valve for adjustment of the requested pure water quality for the different applications
- Interval flush for optimised hygiene
- Easy adjustment of all important parameters via the display
- Applicable with or without pressure tank
- Easy-to-use "plug and run"
- Various applications for industry, handcraft and laboratory

BWT PERMAQ® compact – the perfect solution for:

- Laboratory
- Air-conditioning technology
- Dental technology
- Mechanical engineering
- Cleaning technology

For You and Planet Blue.

 **BWT**
BEST WATER TECHNOLOGY

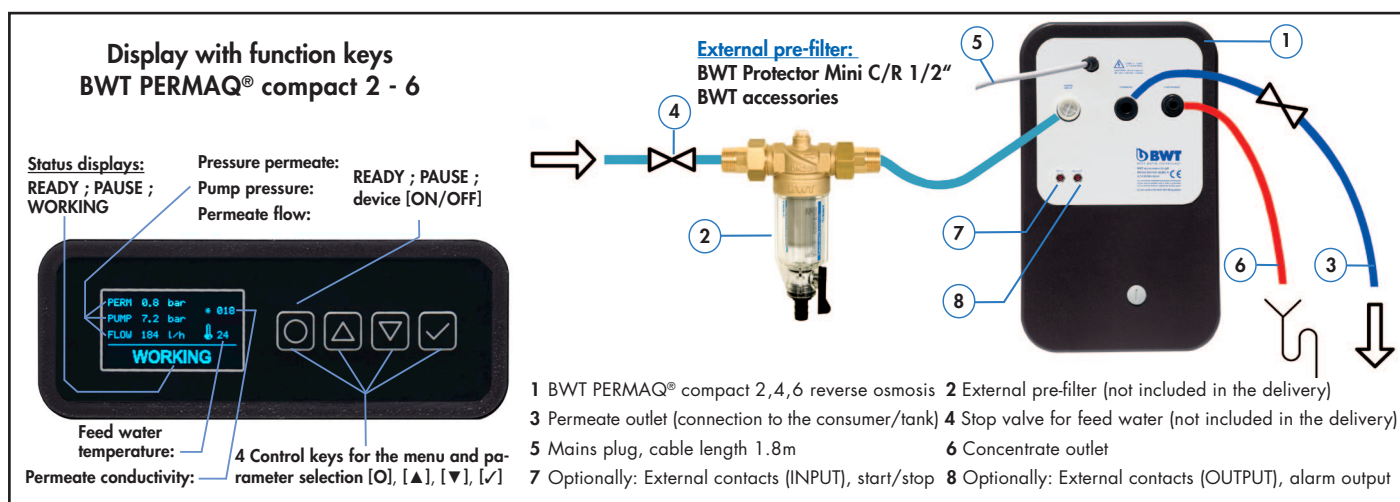
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Technical data: BWT PERMAQ® compact 2 - 6

BWT PERMAQ® compact		2	4	6
Nominal capacity *) (Maximum permeate flow)	l/h	60	120	180
Salt retention rate (max.)	%	> 97	> 97	> 97
Standard WCF @ 15°C **)	%	40	40	40
Feed water pressure (min./max.)	bar	2.0 ... 4.0		
Feed water, ambient temperature (min./max.)	°C	5 ... 30 / 5 ... 40		
Protection class	IP	54		
Electrical connection and fuse	V/Hz/A	230/50/10		
Electrical power consumption (operation / stand-by)	W	375 / < 3	390 / < 3	405 / < 3
Feed water / permeate / concentrate connection	inch/inch/mm	3/4"M; 3/4"M; 8mm JG-connection		
Dimensions: Width, depth, height (W x D x H)	mm	230 x 250 x 380	230 x 335 x 380	230 x 425 x 380
Weight	kg	17	21	24
Order number:		812 822	812 824	812 826

*) Feedwater quality of: 15°C; TDS ≤ 500mg/l; SDI ≤ 3.0 %/min; SiO₂ ≤ 15mg/l; oxidants ≤ 0.05 mg/l; Fe+Mn ≤ 0.05mg/l

***) The RO is factory set with a WCF by approx. 40%. With an appropriate water pre-treatment it could be installed an optional „high-efficiency“ WCF kit for the use of higher permeate yields (Item No. 812722 compact for BWT PERMAQ® compact 2/4, Item No. 812726 for BWT PERMAQ® compact 6).



Technical features and specialties:

- Ultra-compact RO unit with high-quality and completely closed plastic-/stainless steel housing
- Hermetically closed housing ensures low noise operation, protects components against pollution and allows variable applications
- Versatile applications and flexible
- User-friendly microprocessor controller display
- Display of all relevant parameters like flow, conductivity, pressure as well as temperature and adjustable parameters such as pre- and post-filters consumptions with alarm, conductivity limit with alarm
- Operating modes: depending of the requirements the RO unit could operate with or without an pressure tank
- Operating instructions in the languages DE, EN, FR are available
- External pre-filter with < 100 µm is mandatory
- Perfect operational safety due to modern microprocessor controller and integrated leakage sensor
- Industrial RO-unit thanks to high-quality components
- Low maintenance and service-friendly unit
- Faster and easier connection
- EC conformity according EN60335