

## bestaqua ROC Compact Reverse Osmosis Systems

From Europe's largest water treatment company BWT, the revolutionary designed bestaqua ROC system is the solution for your food service equipment water treatment. The bestaqua ROC is available in two models BA14ROC & BA16ROC. The BA14ROC is suited for medium flow rate applications including water dispensers, dishwashers, coffee machines and small steamer ovens. The BA16ROC is suited for higher water volume applications such as large steamer ovens, dishwashing and multiple equipment sites. The systems are typically supplied as multi-stage treatment process:

- 1) Pre-filtration with a fibron carbon filter to remove sediment and chlorine.
  - 2) bestaqua ROC system to reduce dissolved solids including salt and hardness ions.
  - 3) Storage tank.
- An optional stage: Remineralisation to add minerals.

User Guides, technical support and installation schematics are available as required.



BA14ROC

BA16ROC

### Features & Benefits

- Compact complete system: easy to use slim fit design
- Easiest RO membrane changeout possible
- App driven for monitoring key parameters
- Integral pump to provide water pressure required
- Pump type 14ROC – diaphragm, 16ROC – rotary vane
- Manufactured in Europe; dependable quality and performance validation

### Application

- Coffee Machines – Equipment protection and optimum coffee flavour profile
- Steamer Ovens – Scale prevention and protection from corrosion
- Water Dispensers – great tasting water from most water quality sources
- Dishwashers – for spot free rinse results
- Commercial Use – for all potable water applications

### Specifications and operating conditions

- Flow Rate / Production: BA14ROC < 120 lph, BA16ROC < 180 lph
- Salt rejection rate: > 95%
- Permeate yield: approx 50%
- Dimensions: BA14ROC 15W x 25L x 50H cm      Weight: 13 kg  
BA16ROC 15W x 32L x 54H cm      Weight: 17 kg
- Electrical: 230 volt 50 Hz 10 amp
- Use pressure limiter to ensure max pressure is not exceeded
- Pressure range: BA14ROC 150 – 600 kPa  
BA16ROC 300 – 600 kPa

| Part Number                 | Model       | Description                                    |
|-----------------------------|-------------|------------------------------------------------|
| <b>ROC System</b>           |             |                                                |
| RS81M01A00                  | BA14ROC     | bestaqua 14 ROC, Including R.O. Membrane       |
| RS83M01A00                  | BA16ROC     | bestaqua 16 ROC, Including R.O. Membrane       |
| <b>ROC R.O Membrane</b>     |             |                                                |
| RS00Y61A00                  | BA14ROC-ROM | bestaqua 14 ROC, Membrane < 120 lph            |
| RS00Y63A00                  | BA16ROC-ROM | bestaqua 16 ROC, Membrane < 180 lph            |
| <b>ROC mounting bracket</b> |             |                                                |
| BT71C4                      | BAROCBKT    | bestaqua 14/16 ROC mounting bracket and screws |