

The reverse osmosis system BO-RO-80/DEP-EC is a product of the REOS brand® of BOGA GmbH. It is used for the fully automatic production of demineralised water from drinking water for different purposes, for example for air humidification systems. For easy installation, the reverse osmosis system is attached to a steel frame. The integrated booster pumps ensure a good ratio between permeate and concentrate.

Specification

- Reverse osmosis system with a nominal permeate output of 80 l/h
- 2 x membrane type: spiral-wound module, membrane material: polyamide/polysulphone TFC
- Types of filters: pre-filter 5 µ, activated carbon/KDF filter, combi-filter/activated carbon
- Filter life: approximately 12 months
- Stop cock for water inlet
- Stainless steel flexible hose for water connection
- 2 booster pumps
- Mounted on steel frame
- Permeate storage tank with stop cock and pedestal

Technical data

Nominal permeate output*	80	l/h
Ratio: concentrate / permeate*	approx. 1:2	
Salt retention rate*	95... 97	%
Electr. power consumption during operation	115	VA
Electr. power consumption in standby	3	VA
Permeate storage tank volume	40-50	l

* 500 mg/l salinity, 4 bar, 15 °C, without counter-pressure

Dimensions

Reverse osmosis system – height x width x depth	440 x 370 x 285	mm
Permeate storage tank	Ø 395 x 780	mm
Hose connections	Ø 6	mm
Water supply connection	¾" union nut	
Weight (dry)	19.5	kg

Conditions of use

Power supply	230 / 50	V / Hz
Total hardness of drinking water	0... 15	° dH
Operating pressure of the water at 20 °C	2... 6	bar
Temperature range of drinking water	4... 35	° C.

Scope of delivery

- BO-RO-80/DEP-EC reverse osmosis system with booster pumps
- Installation and operating instructions
- Permeate storage tank with pedestal
- 2 wrenches for pre-filter housing and membrane housing 3"

Product specification

Brand	REOS®
Model	BO-RO-80/DEP-EC
Item no.	8005800



Rev 03/2019



The reverse osmosis system BO-RO-80/UV-DEP-EC is a product of the REOS brand® of BOGA GmbH. It is used for the fully automatic production of demineralised water from drinking water for different purposes, for example for air humidification systems. For easy installation, the reverse osmosis system is attached to a steel frame. UV clarification is used as a safety element to ensure more hygienic safety. The integrated booster pumps ensure a good ratio between permeate and concentrate.

Specification

- Reverse osmosis system with a nominal permeate output of 80 l/h
- 2 x membrane type: spiral-wound module, membrane material: polyamide/polysulphone TFC
- Types of filters: pre-filter 5 µ, activated carbon/KDF filter, combi-filter/activated carbon
- Filter life: approximately 12 months
- Stop cock for water inlet
- Stainless steel flexible hose for water connection
- UV-clarification for hygienic safety
- 2 booster pumps
- Mounted on steel frame
- Permeate storage tank with stop cock and pedestal

Technical data

Nominal permeate output*	80	l/h
Ratio: concentrate / permeate*	approx. 1:2	
Salt retention rate*	95... 97	%
Electr. power consumption during operation	120	VA
Electr. power consumption in standby	8	VA
Permeate storage tank volume	40-50	l

* 500 mg/l salinity, 4 bar, 15 °C, without counter-pressure

Dimensions

Reverse osmosis system – height x width x depth	440 x 370 x 285	mm
Permeate storage tank	Ø 395 x 780	mm
Hose connections	Ø 6	mm
Water supply connection	¾" union nut	
Weight (dry)	20.5	kg

Conditions of use

Power supply	230 / 50	V / Hz
Total hardness of drinking water	0... 15	° dH
Operating pressure of the water at 20 °C	2... 6	bar
Temperature range of drinking water	4... 35	° C.

Scope of delivery

- BO-RO-80/UV-DEP-EC reverse osmosis system with UV clarification and booster pumps
- Installation and operating instructions
- Permeate storage tank with pedestal
- 2 wrenches for pre-filter housing and membrane housing 3"

Product specification

Brand	REOS®
Model	BO-RO-80/UV-DEP-EC
Item no.	8005802



Rev 03/2019

