

The reverse osmosis system BO-RO-7.5/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 fresh produce humidifiers. For easy installation, the reverse osmosis system is mounted to an U-beam made of stainless steel. The integrated booster pump ensures a good ratio between permeate and concentrate.

Specification

- Reverse osmosis system with a nominal permeate output of 7.5 l/h
- Membrane type: spiral-wound module, membrane material: polyamide/polysulphone TFC
- Filter types: pre-filter 5 µ, combi-filter/activated carbon, pre-filter 1 µ
- Filter life: approximately 12 months
- Stop cock for water inlet
- Stainless steel flexible hose for drinking water connection
- Integrated pressure booster pump
- Mounted to U-beam made of stainless steel
- Permeate storage tank with stop cock and installation cross

Technical data

Nominal permeate output*	7.5	l/h
Ratio: concentrate / permeate*	approx. 1:2	
Salt retention rate*	95...97	%
Electr. power consumption during operation	35	VA
Electr. power consumption in standby	3	VA
Permeate storage tank volume	8-11	l

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

Dimensions

Reverse osmosis system – height x width x depth	460 x 400 x 200	mm
Permeate storage tank	Ø 285 x 405	mm
Hose connections	Ø 6	mm
Water supply connection	¾" union nut	
Weight (dry)	12	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 drinking water	4...35	C°

Scope of delivery

- BO-RO-7.5/DEP-EC reverse osmosis system with pressure booster pump
- Installation and operating instructions
- Permeate storage tank with installation cross
- 2 wrenches for pre-filter housing and membrane housing 2"

Product specification

Brand	REOS®
Model	BO-RO-7.5/DEP-EC
Item no.	8005075



Rev 11/2016



The reverse osmosis system BO-RO-7.5/DEP-EC-L 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 fresh produce humidifiers. For easy installation, the reverse osmosis system is mounted to an L-beam made of stainless steel. The integrated booster pump ensures a good ratio between permeate and concentrate.

Specification

- Reverse osmosis system with a nominal permeate output of 7.5 l/h
- Membrane type: spiral-wound module, membrane material: polyamide/polysulphone TFC
- Filter types: pre-filter 5 µ, combi-filter/activated carbon, pre-filter 1 µ
- Filter life: approximately 12 months
- Stop cock for water inlet
- Stainless steel flexible hose for drinking water connection
- Integrated pressure booster pump
- Mounted to L-beam made of stainless steel
- Permeate storage tank with stop cock and installation cross

Technical data

Nominal permeate output*	7.5	l/h
Ratio: concentrate / permeate*	approx. 1:2	
Salt retention rate*	95...97	%
Electr. power consumption during operation	35	VA
Electr. power consumption in standby	3	VA
Permeate storage tank volume	8-11	l

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

Dimensions

Reverse osmosis system – height x width x depth	485 x 400 x 250	mm
Permeate storage tank	Ø 285 x 405	mm
Hose connections	Ø 6	mm
Water supply connection	¾" union nut	
Weight (dry)	17	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 drinking water	4...35	C°

Scope of delivery

- BO-RO-7.5/DEP-EC-L reverse osmosis system with L-beam made of stainless steel with pressure booster pump
- Installation and operating instructions
- Permeate storage tank with installation cross
- 2 wrenches for pre-filter housing and membrane housing 2"

Product specification

Brand	REOS®
Model	BO-RO-7.5/DEP-EC-L
Item no.	8005076



Rev 11/2016



The reverse osmosis system BO-RO-7.5/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 fresh produce humidifiers. For easy installation, the reverse osmosis system is mounted to an U-beam made of stainless steel. UV clarification is used as a safety element to ensure hygienic safety. The integrated booster pump ensures a good ratio between permeate and concentrate.

Specification

- Reverse osmosis system with a nominal permeate output of 7.5 l/h
- Membrane type: spiral-wound module, membrane material: polyamide/polysulphone TFC
- Filter types: pre-filter 5 µ, combi-filter/activated carbon, pre-filter 1 µ
- Filter life: approximately 12 months
- Stop cock for water inlet
- Stainless steel flexible hose for drinking water connection
- UV-clarification for hygienic safety
- Integrated pressure booster pump
- Mounted to U-beam made of stainless steel
- Permeate storage tank with stop cock and installation cross

Technical data

Nominal permeate output*	7.5	l/h
Ratio: concentrate / permeate*	approx. 1:2	
Salt retention rate*	95...97	%
Electr. power consumption during operation	40	VA
Electr. power consumption in standby	8	VA
Permeate storage tank volume	8-11	l

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

Dimensions

Reverse osmosis system – height x width x depth	460 x 400 x 200	mm
Permeate storage tank	Ø 285 x 405	mm
Hose connections	Ø 6	mm
Water supply connection	¾" union nut	
Weight (dry)	13	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 drinking water	4...35	C°

Scope of delivery

- BO-RO-7.5/UV-DEP-EC reverse osmosis system with L-beam made of stainless steel with UV-clarification and pressure booster pump
- Installation and operating instructions
- Permeate storage tank with installation cross
- 2 wrenches for pre-filter housing and membrane housing 2"

Product specification

Brand	REOS®
Model	BO-RO-7.5/UV-DEP-EC
Item no.	8005077



Rev 11/2016



The reverse osmosis system BO-RO-7.5/UV-DEP-EC-L 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 fresh produce humidifiers. For easy installation, the reverse osmosis system is mounted to an L-beam made of stainless steel. UV clarification is used as a safety element to ensure hygienic safety. The integrated booster pump ensures a good ratio between permeate and concentrate.

Specification

- Reverse osmosis system with a nominal permeate output of 7.5 l/h
- Membrane type: spiral-wound module, membrane material: polyamide/polysulphone TFC
- Filter types: pre-filter 5 µ, combi-filter/activated carbon, pre-filter 1 µ
- Filter life: approximately 12 months
- Stop cock for water inlet
- Stainless steel flexible hose for drinking water connection
- UV-clarification for hygienic safety
- Integrated pressure booster pump
- Mounted to L-beam made of stainless steel
- Permeate storage tank with stop cock and installation cross

Technical data

Nominal permeate output*	7.5	l/h
Ratio: concentrate / permeate*	approx. 1:2	
Salt retention rate*	95...97	%
Electr. power consumption during operation	40	VA
Electr. power consumption in standby	8	VA
Permeate storage tank volume	8-11	l

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

Dimensions

Reverse osmosis system – height x width x depth	485 x 400 x 250	mm
Permeate storage tank	Ø 285 x 405	mm
Hose connections	Ø 6	mm
Water supply connection	¾" union nut	
Weight (dry)	18	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 drinking water	4...35	C°

Scope of delivery

- BO-RO-7.5/UV-DEP-EC-L reverse osmosis system with L-beam made of stainless steel with UV-clarification and pressure booster pump
- Installation and operating instructions
- Permeate storage tank with installation cross
- 2 wrenches for pre-filter housing and membrane housing 2"

Product specification

Brand	REOS®
Model	BO-RO-7.5/UV-DEP-EC-L
Item no.	8005078



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