BLUEWATER

PRO 400BCV-HR

PRO 400BCV-HR is suitable for water with TDS up to 7500 ppm. Innovated for brackish water and works well for whole houses, communities and commercial use.

TECHNICAL PROPERTIES

PURIFICATION

Technology	SuperiorOsmosis™
Prefiltration	Particle and Granulated Activated Carbon

EUROPE

Product number	919240168
Voltage	230V~ 50/60 Hz
Power consumption [W]	530
Plug type	Grounded European/F

CHINA

Product number	919240145
Voltage	230V~ 50/60 Hz
Power consumption [W]	530
Plug type	Grounded Chinese/I

DIMENSION WxDxH

Product	225x460x466 mm/8.9x18.1x18.3 inch
Installation	245x480x486 mm/9.7x18.9x19.1 inch

WEIGHT

Packed weight	29 kg/64 lbs

ACTIVATION TYPE

Pressure controlled	(On/Off, 0.5/2 [bar])

FAUCET

Faucet is not included, but available to be ordered. Customized faucets must be suitable for RO-water.

FEATURES

Low pressure protection stop	Yes
Low pressure protection automatic restart.	Yes
Run time meter	Yes
Water quality indicator	Yes
Water quality alarm	Yes
Water quality stop	Yes
Suitable for brackish water	Yes

FEATURES

Clean water rinse valve	Yes
Compatible with water fed appliances	Yes

RECOVERY RATE

At 15°C/59°F	60% (±5%)
At 25°C/77°F	65% (±5%)

FLOW RATE

At 15°C	3,2 (±0,5) [liters/min]/0.85 (±0.13) [USGAL/min]
At 25°C	3,7 (±0,6) [liters/min]/0.98 (±0.15) [USGAL/min]*

*At high water temperatures, the flow can vary between products of the same model.

REQUIREMENTS OF INLET WATER

Pressure [Bar/MPa/Psi]	2-10/0.2-1.0/29-145
Flow [l/min]	>10
TDS [mg/l]	<7500
Conductivity [µS/cm, 25 °C]	<13000
Temperature	2-30 [°C]/35.6-95 [°F]
Hardness [°dH]	<10
Iron (Fe2+) [mg/l]	<1.5
Iron (Fe3+) [mg/l]	<0.3
Turbidity [FNU]	<0.5

REDUCTION PERFORMANCE

PRO has been tested according to the NSF 372 standard procedure and have the following results:

Salt reduction [TDS]	95%
Lead	99.7%
Chromium (III)	99.5%
Arsenic (V)	99.3%

MAINTENANCE

Sediment prefilter	4-6 months
Granulated Activated Carbon prefilter	4-6 months
High Rejection membrane	4-6 years**

**Replacement intervals will depend on the quality of the inlet water, pollution and on actual operation hours.