

stakpure RO 40 cabinet

Ready-to-connect, compact RO system in a cabinet for wall-mounting. Digital microprocessor controller with LCD display for controlling and monitoring all operating and performance parameters as well as for displaying permeate conductivity. Fully automatic rinsing cycles. Module-based capability of increasing capacity at a later stage.

Components and scope of delivery

- √ Parting high-pressure slide pump
- √ High pressure gauge
- √ 1 Set of regulating valves
- √ Inlet solenoid valve
- √ Rinsing solenoid valve
- √ Pressure switch
- √ High performance reverse osmosis module
- √ Pressure pipe
- √ Conductivity measuring cell
- √ Fully piped
- √ Microprocessor control with LCD control display and display of all operating and performance parameters

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Feed water purity required

Previously softened or hardness stabilized drinking water that conforms to following German drinking water specifications:

Clogging rate	max. 3
Salt content	max. 2.000 mg/l
Free chlorine concentration	< 0,01 mg/l
Manganese content	< 0,05 mg/l
Iron content	< 0,05 mg/l
CO ₂ -content	max. 15 mg/l
SiO ₂ -content	max. 0,4 mg/l
pH- Range	4 - 11

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Pure Water value

Permeate Performance	40 l/h
Membrane retention	approx. 99%
WCF-Rate	75 %

Connected load

Ambient temperature	5 - 40°C
Feed water temperature	5 – 35°C
Feed water pressure	2 - 6 bar
Operating pressure	max. 14 bar
Voltage	230 VAC
Power consumption	0,3 kW
Dimension	B 600 x T 400 x H 800 mm
Weight	ca. 50 kg

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