

stakpure Pure water system RO 300 easy

stakpure

Ready-to-connect RO system on stainless-steel frame. Multilingual microprocessor controller with LCD display for controlling and monitoring RO systems. Display of permeate conductivity, fully automatic rinsing cycles, potential-free fault reporting relay. Module-based capability of increasing capacity at a later stage.

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Features

- √ Stainless-steel frame with PP- mounting plate
- √ Pre-filter unit
- √ High pressure pump
- √ Operating pressure gauge
- √ Feedwater pressure gauge
- √ Flow meter for permeate and concentrate
- √ 1 set control valve
- √ Inlet solenoid valve
- √ Flushing solenoid valve
- √ Feedwater Pressure switch
- √ High performance reverse osmosis module
- √ Pressure pipe
- √ Conductivity cell
- √ Complete piping with pipes out of PA, PP, POM and stainless steel material
- √ Microprocessor controller with LCD-display to control and display all relevant running parameters. Display of permeate conductivity, total running hours and potential free alarm contact.



Technical data

Pure water system for connection to softened (0°dH) or hardness-stabilized drinking water that complies with the German drinking water regulations

| | |
|-----------------------------|-----------------|
| Blocking index | 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 to 11 |

Pure water values

| | |
|-----------------------------|--|
| Performance (at 10°C) | 300 l/h |
| RO Membrane retention quota | > 99 % of salts, microorganisms and bacteria |
| WCF Rate | adjustable up to 75% |

Limits and connections

| | |
|-------------------------------|---------------------|
| Ambient temperature | 5 to 40°C |
| Feedwater temperature | 5 to 35°C |
| RO raw water pressure | 2 to 6 bar |
| Maximum RO operating pressure | 12 bar |
| Supply voltage | 230 Volt / 50 Hz |
| Total connected load | 0,60 kW |
| Inlet connector | DN 20 |
| Outlet connector | DN 20 |
| Width x depth x height | 600 x 600 x 1600 mm |
| Approximate weight | 110 kg |

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