

## Tethys AgRO

### Compact Reverse Osmosis system

#### Up to 10 m<sup>3</sup> per day

Hatenboer-Water designs and develops durable reverse osmosis units for different applications. Easy to install, operate and maintain. A new type has been developed especially for small capacity demands of up to 10 m<sup>3</sup> per day.

#### Compact RO unit

The standard series offer a plug & play, economical and quickly supplied alternative to traditional solutions.

#### Application

High quality membranes remove salts, bacteria and viruses in order to obtain the perfect water quality for irrigation or misting. Suitable for purification of mains or brackish well water.



#### Standard equipment

- Affordable yet perfect water purification for smaller capacity demands of up to 10 m<sup>3</sup> per day
- Touch screen Hatেনboer-Water X-7microcontroller
- Dual pre-filtration of 5 microns
- 3 years free of charge 'log sheet data support'
- Reliable, eco-friendly and low maintenance.

#### Key specifications

Feed water TDS (Total Dissolved Solids)	approx. 1500 mg/liter
Permeate water quality	< 20 mg/liter at 12°C

Features	DTS40-2
Capacity	up to 10 m <sup>3</sup> per day
Installed power HP pump	1.1 kW
Source water feed flow (50 Hz / 60 Hz)	approx. 1.3 m <sup>3</sup> /h
Dimensions (LxWxH)	1264 x 475 x 840 mm
Weight (dry /operating)	120 kg / 140 kg

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#### Modular

The Tethys RO is set up modularly. Different options are available to suit your requirements:

- Multimedia filter (automatically operated)
- Clean in Place (CIP) system for extension of membrane lifespan

For drinking water applications:

- Hadex® disinfectant dosing unit for chlorination of RO permeate
- Neutralising filter for post-treatment RO permeate

#### Compact design

- Compact and robust steel frame for easy installation
- Stainless steel high pressure manifolds for long life time

