Reverse Osmosis Units

For sustainable horticulture.

High quality water at lowest cost
Are you dependent on sufficient clean water for your plants and plants? We have already developed a complete range of reverse osmosis systems especially for horticulture. The innovative design makes it possible to produce sufficient quantities of high-quality water for irrigation at the lowest possible cost. More than 700 of these systems are now in operation worldwide.

Features of our installations



- Low cost per m³ of irrigation water
- Low energy consumption
- Maximum sodium reduction
- Minimal use of chemicals, therefore environmentally friendly
- Compact design and subsequent capacity expansion
- Easy maintenance
- Little runoff water

For you, that means



- Water of high and constant quality available at any time
- Higher crop yields
- Less susceptibility to disease
- Excellent basis for recirculation
- Cost savings on nutrients

Technical features



Capacity:	50 - 2000 m³/day
Electrical connection:	400V - 50Hz
Input pressure:	2 - 5 bar
Supply water:	spring water, surface water, tap water
Feed water quality:	TDS < 5000 mg/L
Feed water temperature:	10 - 30˚C
Services:	Desalination up to -99%. Yield up to 75%.
Material:	stainless steel frame Pump stainless steel
Standard pre-filtering:	5 micron filter elements

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Options for the RO:

- Extensive pre-filtering
    - (sand, multimedia filtering, pocket filter, hydro cyclone, candle filter)
- antiscalant dosing
- soften water
- pH correction
- CIP/FF: Cleaning unit / fresh rinse
- Various after-treatments



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