

Tailored and High Quality Water Treatment for the Brewing Industry

Reverse osmosis unit
including integrated concentrate stage



Based on your requirement we will develop a water treatment solution that is tailored to your needs

Operating cost reduction
using sustainable Design

€ **AS FROM 1 YEAR**
Return of Investment compared to Single Stage RO Units

💡 **UP TO 50%**
Energy savings due to the use of Variable speed drive pumps

💧 **UP TO 90%**
Permeate recovery compared to Freshwater use

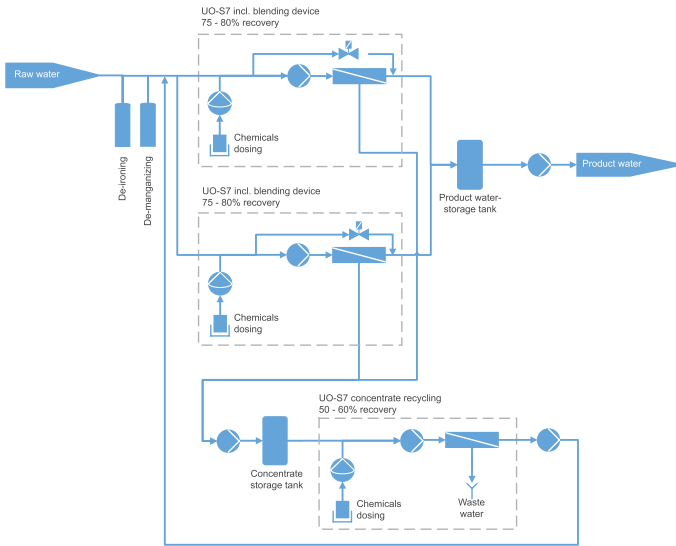
Would you like to know more details or an Initial consultation?



Mr. Andreas Pentke, Master of Engineering
+49 7141 7095 283
+49 157 806 134 88
Andreas.Pentke@hercowater.com

RO Flow Diagram

including integrated concentrate stage



PRODUCT WATER RECOVERY COMPARED TO FRESHWATER USE:

Up to 90% potential

WATER COST SAVINGS AFTER 10 YEARS OF OPERATION:

Approximately 1 million € compared to single stage RO unit

Assumption for cost saving calculation:

Permeate production 50 m³/h

Operation 12 h/d , 7 d/w and 350 d/y

Fresh water cost 2 €/m³

Waste water cost 3 €/m³

Hygienic Design

- Made of stainless steel
- No contamination due to low dead zone design

Basic configuration

- Chemical dosing
- Siemens-S7 PLC
- Variable speed drive pumps

Add-on options

- Blending device for hardness adjustment
- Interfaces for data exchange with central control system
- CIP tank
- Heat sanitizable



We can do more than reverse osmosis.



Challenge us.
more information on hercowater.com/en/f&b