

Sintra

Compact CS family

 PUMP²
 UVMP



Metal free

Faucet with no metallic parts in contact with treated water



Double flow

Great flow of treated water



Ecological

Production is electronically controlled for an improved performance



Aquastop

Automatic leak detector



Filter control

Automatic warning system for filter replacement



Quality control

Water quality control



Logical

Parameterizing control and functionality according to each application



Auto flushing

Automatic membrane flushing



Silver

Bacteriostatic silver post-carbon filter of certified quality



Interface

Parameters can be completely configured



Filmtec membrane

Original Filmtec membrane



Mixing valve

Residual salinity can be adjusted



UV

Ultraviolet system for a double bacteriological safety



NSF carbon

High quality carbon and NSF certification



CS filters

Exclusive CS filters with the highest safety and easy maintenance



Green filter CS postfilter

Innovative post-filter providing a comfortable installation and maintenance



Solenoid valve

Electrovalve with safety filter



Reliable connectors

Highly safe tubes and accessories



Pressure pump

Improved efficiency of the system and the treated water quality



Electronic adapter

Highly reliable external transformer with the best performance



Click

Connections are securely fastened and locked



Insert

Hydraulic couplings are more reliable



Sintra
PressureTankCS

**The most avant-garde
concept with tank built-in.**

Description

5-stage system (5 μ m filtration, 2 x GAC carbon, membrane and post-carbon). Installation kit, faucet with ceramic valve and FILMTEC membrane. Tank built-inside.

Working parameters

Max. salinity 2000 ppm.
Bacteriologically potable inlet water.
Min. pressure 1 kg/cm².
Max. pressure 2.5 kg/cm².





























Membrane production

200 LPD. Water 230 ppm, 15 °HF, 18 °C, 2 bar (without back pressure). Depending on the characteristics of inlet water.

Certificates

CE, NSF Components

System components

01. Pre-filter 	291803 Sediment filter CS 5 µm	
	291902 CS granular activated carbon filter	 x2
02. Membrane 	292500 Reverse osmosis Filmtec membrane 75 GPD	
	292900 2012 Membrane housing	
03. Post-filter 	291901 CS granular activated carbon filter + Ag	
04. Control and reliability	293500 Diaphragm pump UP-7000	
	294100 / 294104 (QC) Low pressure switch 7 PSI	
	294200 Adjustable high pressure switch 20-40 PSI	
	294801 Inlet electrovalve 1/4". 24VDC	
	771601 AquaStop leak detector	
	294600 Stainless steel check valve	
05. Bactericidal treatment	UV light germicidal treatment system	
06. Automatic membrane flushing	652401 Electrovalve with flow restrictor	
07. Electronic controller	658302 PJK-260 5-function PC board inside a IP31 case	
08. Salinity adjustment	717801 / 764803 (QC) Filtered water mixing valve	
	951300 In-line check valve	 x3
09. Faucet 	296808 1-way Metal Free faucet, Robin model. Reduces the contact of metals with produced water.	
10. Storage tank	262601 Pressurized storage tank. Max. vol. 5.5 L	
11. Installation accessories	264901 Sliding nut wall adaptor M3/8"-F3/8". 1/4" thread for valve	
	265000 Ball valve M1/4"-Tube1/4"	
	264700 Drain clamp Ø40-1/4"	
	953107 Faucet adaptor F7/16"-Tube 3/8"QC	
	952500 1/4" White PE tube	
	952504 1/4" Blue PE tube	
12. Electrical connection	295207 Transformer 24 VDC 24 W. 1.25A C type	
	295204 Transformer 24 VDC 48 W. 2A F type	
13. Hydraulic connection	Acetal quick connectors. Inlet: 1/4" Drain: 1/4" Outlet to faucet: 3/8"	


Consumables for periodic maintenance




Replacement frequency

1. 12 months.
2. 12 months.
3. 12 months.
4. 24/36 months <15 °HF.
5. 12 months.
6. 12 months.
7. 12 months.

These maintenance periods should only be used as a guideline. The distributor will determine the service life of consumables according to the water quality and the expected consumption.

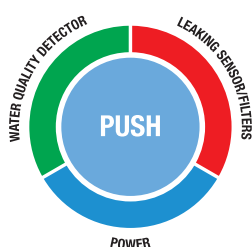
 These components can be configured.
For further information, please check pages 230-233.

 Exclusive for PUMP² model.

 Exclusive for UVMP model.

Features

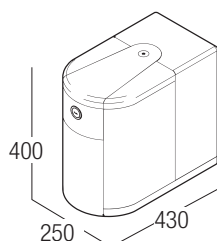
Start and stop of the system	This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the tank is full and starts again when it is partially emptied.
Aquastop to prevent floodings	Low sensitivity electronic control which blocks the system and warns about a water leak. It has been designed to prevent the system from stopping in case of humidity or condensation.
Water quality indicator	Parameterizing probe and quality control. Light indicator which shows when permeate conductivity is higher than the parameter value.
Filter change warning	Warning system on the front panel through leds and acoustic media (configurable) in order to inform the end user when the service life of the filters is about to expire or if it has already expired.
PC connection	PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.
Front panel and interface	Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.



Light indicators	Acoustic signal	Meaning
	×	The system has no power supply.
		Indicator for low water quality (+ push button)
	×	Indicator for optimum water quality (+ push button)
	7 hours	A water leak has been detected. The system is blocked.
	×	Filters must be replaced.
	7 hours	The service life of filters has expired.

Technical specifications

Dimensions of the system



Net / gross weight

PUMP²	14 kg / 17 kg
UVMP	15 kg / 18 kg

Logistics and transport

Packaging dimensions



Logistics

Pallet	18 units
Container 20'	380 units
Container 40'	760 units

Simple flashing. Double flashing.