

# Sintra

## Compact CS family

 <b>PUMP<sup>2</sup></b>					
<b>Metal free</b> Faucet with no metallic parts in contact with treated water					
<b>Aquastop</b> Automatic leak detector					
<b>Logical</b> Parameterizing control and functionality according to each application					
<b>Interface</b> Parameters can be completely configured					
<b>UV</b> Ultraviolet system for a double bacteriological safety					
<b>Green filter CS postfilter</b> Innovative post-filter providing a comfortable installation and maintenance					
<b>Pressure pump</b> Improved efficiency of the system and the treated water quality					
<b>Insert</b> Hydraulic couplings are more reliable					



**Sintra**  
PressureTank<sup>CS</sup>

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







**Description**  
5-stage system (5 µm filtration, 2x GAC carbon, membrane and post-carbon). Installation kit, faucet with ceramic valve and FILMTEC membrane. Tank built-in-side.

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

**Working parameters**  
Max. salinity 2000 ppm. Bacteriologically potable inlet water.  
Min. pressure 1 kg/cm<sup>2</sup>.  
Max. pressure 2.5 kg/cm<sup>2</sup>.

**Certificates**  
 NSF Components

## System components

01. <b>Pre-filter</b> <b>Green Filter</b>	291803 Sediment filter CS 5 µm		717801 / 764803 (QC) Filtered water mixing valve	
	291902 CS granular activated carbon filter		951300 In-line check valve	
02. <b>Membrane</b> <b>FLMILE C</b> MEMBRANE	292500 Reverse osmosis Filmitec membrane 75 GPD		296808 1-way Metal Free faucet, Robin model. Reduces the contact of metals with produced water.	
03. <b>Post-filter</b> <b>Green Filter</b>	292900 2012 Membrane housing		262601 Pressurized storage tank. Max. vol. 5.5 L	
04. <b>Control and reliability</b>	293500 Diaphragm pump UP-7000		264901 Sliding nut wall adaptor M3/8"-F3/8", 1/4" thread for valve	
	294100 / 294104 (QC) Low pressure switch 7 PSI		265000 Ball valve M1/4"-Tube 1/4"	
	294200 Adjustable high pressure switch 20-40 PSI		264700 Drain clamp Ø40-1/4"	
	294801 Inlet electrovalve 1/4", 24VDC		953107 Faucet adaptor F7/16"-Tube 3/8" OC	
	771601 Aquastop leak detector		952500 1/4" White PE tube	
	294600 Stainless steel check valve		952504 1/4" Blue PE tube	
			952501 3/8" White PE tube	
05. <b>Bactericidal treatment</b>			295207 Transformer 24 VDC 24 W, 1.25A C type	
			295204 Transformer 24 VDC 48 W, 2A F type	
06. <b>Automatic membrane flushing</b>	652401 Electrovalve with flow restrictor			
07. <b>Electronic controller</b>	658302 PJK-260 5-function PC board inside a IP31 case			

### Consumables for periodic maintenance

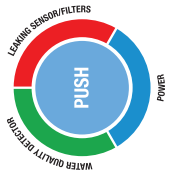


These components can be configured.

For further information, please check pages 230-233.

## Features

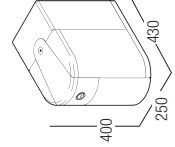
<b>Start and stop of the system</b>	This system is provided with a low (pump protection) and high pressure switch for operation control. It stops the system when the tank is full and starts again when it is partially emptied.
<b>Aquastop to prevent floodings</b>	Low sensitivity electronic control which 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.
<b>Water quality indicator</b>	Parameterizing probe and quality control. Light indicator which shows when permeate conductivity is higher than the parameter value.
<b>Filter change warning</b>	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.
<b>PC connection</b>	PC connection which allows to adjust the parameters and the functionality configuration according to the water characteristics and the needs of the client.
<b>Front panel and interface</b>	Front panel with 3 leds, push-button for water quality control on produced water and warning acoustic signals.



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

## Technical specifications

### Dimensions of the system



## Logistics and transport

### Packaging dimensions



<b>Net / gross weight</b>	PUMP <sup>2</sup> 14 kg / 17 kg	<b>Logistics</b>	<b>Pallet</b> 18 units
	UVMP 15 kg / 18 kg		<b>Container 20'</b> 380 units
			<b>Container 40'</b> 760 units

Simple flashing. Double flashing.

Exclusive for PUMP<sup>2</sup> model. Exclusive for UVMP model.