Infinity
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
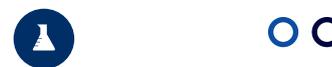
Quality control
Water quality control

Logical
Parameterizing control and functionality according to each application

Auto flushing
Automatic membrane flushing

Mineral
Mineralizing and pH increasing media

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
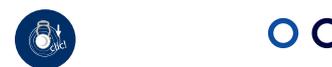
Click
Connections are securely fastened and locked

Insert
Hydraulic couplings are more reliable

Designed
in Barcelona

infinity
reverse osmosis

**Ultimate design
and total power.**

Description
5-stage system (5 µm
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/cm^2.
Max. pressure 2.5 kg/cm^2.

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

Certificates
$C\epsilon$, NSF Components

System components

01. **Pre-filter** Green Filter	**291803** Sediment filter CS 5 µm	
	291902 CS granular activated carbon filter	x2

02. **Membrane** Dow FILMTEC MEMBRANES	**292500** Reverse osmosis Filmtec membrane 75 GPD	
	292900 2012 Membrane housing	

03. **Post-filter** Green Filter	**291920** CS carbon + mineralizing media

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**	**767804 / 764803 (QC)** Filtered water mixing valve	
	951300 In-line check valve	x3

09. **Faucet** metal free	**296808** 1-way Metal Free faucet, Robin model. Reduces the contact of metals wtih 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
	952501 3/8" White 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"

Consummables for periodic maintenance

1   2   3   4   5   6   7

Replacement frequency

1. 12 months.
2. 12 months.
3. 12 months.
4. 24/36 months <15 ºHF.
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 consummables according to the water quality and the expected consumption.

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

⭕ Exclusive for PUMP[2] model.   ⭕ Exclusive for UVMP model.

Compact CS family

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 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 (+ test button).
● ● ● ○	✕		Indicator for optimum water quality (+ test button).
● ● ● ○	🔊	7 hours	A water leak has been detected. The system is blocked.
● ● ● ○	✕		Filters must be changed.
● ● ● ○	🔊	7 hours	The service life of filters has expired.

POWER LEAKING SENSOR QUALITY INDICATOR TEST

Technical specifications

Dimensions of the system

430
250
400
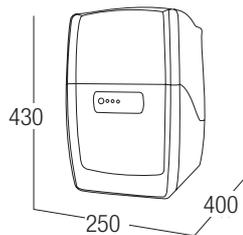
Net / gross weight		
○ **PUMP²**	14 kg / 17 kg
○ **UVMP**	15 kg / 18 kg

Logistics and transport

Packaging dimensions

535
285
490

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

● Simple flashing.   ● Double flashing.