

GRETA

DIRECT FLOW FAMILY

	High Efficiency High performance in pure water production	
	Direct Flow Direct production of purified water without storage tank	
	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	
	CE CE certificate	
	Pressure Control Warning if pressure is low	
	Brushless Motor High performing pump	
	Interface Parameters can be completely configured	
	Flimtec Membrane Original Flimtec membrane	
	Mixing Valve Residual salinity can be adjusted	
	Fiber Carbon Filter High performing carbon filter	
	Solenoid Valve Electrovalve with safety filter	
	NSF Connectors Highly safe tubes and accessories	
	Click Connections are securely fastened and locked	
	Insert Hydraulic couplings are more reliable	

greta



**SMALLEST DIRECT FLOW RO
WITH THE HIGHEST
PERFORMANCE.**

**NO STORAGE TANK
REQUIRED.**

Description
3-stage system (combined 5 µm sediment filter, GAC carbon and three reverse osmosis membranes). Installation kit, faucet with ceramic valve and FLIMTEC membranes.

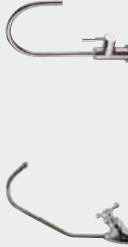
Working parameters
Maximum salinity 1500 ppm. Bacteriologically potable water.
Minimum pressure 1.5 kg/cm². Maximum pressure 3 kg/cm².

Membrane production
1.4 LPM. Water 200 ppm. 15 °HF 20 °C. 3 bar (without back pressure), recovery 50 %. Depending on the characteristics of inlet water.

Certificates
Certificates for electrical safety and electromagnetic compatibility.



01. Pre-filters	 Pre-filters are an essential part of a reverse osmosis system. They carry out an essential treatment on inlet water, in order to ensure that the osmosis membrane works under proper conditions, thus guaranteeing the quantity of treated water.	
02. Reverse Osmosis membrane	 It is the most important component of the system, since it determines, to a large extent, the quality of treated water. The Reverse Osmosis process is based on nature and has been used for more than 30 years. These semi-permeable membranes only allow nearly pure water to flow through, by removing excessive salts during the process. Likewise, it also rejects bacteria and micro-organisms, heavy metals, virus...	
03. Post-filters	Direct flow reverse osmosis systems produce treated water upon consumption, therefore, they do not require any additional post-treatment.	
04. Control and reliability	All PURICOM systems incorporate highly reliable control and safety devices in order to ensure a proper operation. PJ253 microprocessed board included, which controls the operation of the system through pressure switches and the leak detector. An inlet electrovalve is responsible for cutting inlet water. It has advanced functions such as light / acoustic signals, change of filters, ..., which can be fully configured.	
05. Bactericidal treatment	Since treated water is produced upon consumption, the risk of microbiological contamination is minimal.	
06. Automatic membrane flushing	In all treatment systems using a membrane, it gets progressively dirty as it produces water. In the course of time, salts settle on the membrane's surface, thus affecting its proper operation and reducing its service life. A flushing system extends the service life of the membranes, improving at the same time the quality of treated water. The Flushing system is composed of an electrovalve with an integrated flow restrictor (it replaces the flow restrictor from the system) controlled by a microprocessed board.	

07. Electronic controller	The electronic boards have been specially designed by PURICOM water treatment systems. Different models allowing multiple functions are available.	
08. Salinity adjustments	Treated water salinity can be adjusted in this system by mixing osmotised water with a small flow of inlet filtered water. Composed of a needle regulating valve and check valves for greater safety.	
09. Faucets	PURICOM has a wide range of faucets which adapts to all needs and tastes from clients. Below are shown the models which can be chosen in our European Logistic Centre. 296808 Robin faucet, METAL FREE. It prevents the presence of heavy metals in treated water. Pipes are made of food-grade plastic materials. Metallic external finish of the faucet.	
10. Storage tank	PURICOM direct flow systems do not use any storage tank, thus guaranteeing a constant and continuous treated water flow.	
11. Accessories for installation	PURICOM systems are supplied with all the necessary accessories for installation.	
Optional equipment	264802 1/2" PP Adaptor for the system's water inlet.	

12. Electrical connection	PURICOM has a wide range of connectors in order to be able to adapt to the requirements of each country.		
	F type Standard European connector Schuko-type		
13. Hydraulic connection	Optional equipment		
	A type	L type	G type
Quick connectors made of acetal. Inlet 3/8" QC, Rejection 1/4" QC and Permeate 3/8" QC.			

Consumables for periodic maintenance

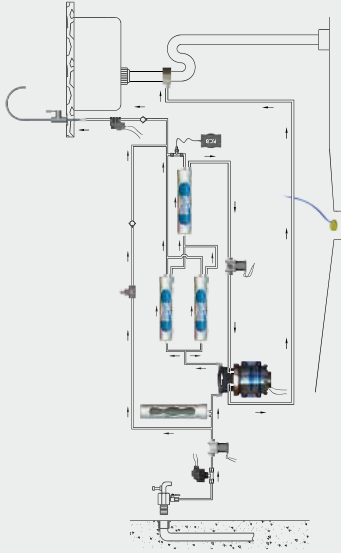


Replacement frequency

1. 12 months.
2. 12/24 months <15 °HFE.
3. 12/24 months <15 °HFE.
4. 12/24 months <15 °HFE.
5. 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.

HYDRAULIC
DIAGRAM



FEATURES

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	Alphanumeric display with 3 leds and warning acoustic signals.		
POWER ON ABNORMAL CHANGING FILTERS			
Light indicators	Acoustic signal	Meaning	
● PURICOM DIRECT FLOW XXX ● HOUR ● LEFT XXXX HOUR	✕	Stand-by.	
● HOUR ● LEFT XXXX HOUR	✕	Remaining service life of the filters.	
● "BAD QUALITY" CALL SERVICE	🔊	Filter / membrane are damaged.	
● RESET POWER PLUS "WATER LACKED"	🔊	The system is blocked and must be reset manually.	
● LOW PRESSURE CHECK TAP WATER	🔊	Stand-by / blocked. There is not enough inlet pressure.	
● LEFT XXXX HOUR	🔊	Filters are about to end their service life.	
● LEFT HOUR ● OVER 0000 HOUR	🔊	The service life of filters has expired.	

TECHNICAL

SPECIFICATIONS

Dimensions of the system	A 410 mm B 280 mm C 170 mm A 530 mm B 430 mm C 220 mm		
Net / gross weight	15 Kg / 18 Kg		
Logistics	Pallet Container 20' 18 units 550 units Container 40' 1100 units		

● - Flashing.