

SMART REVERSE OSMOSIS SYSTEM

Direct Flow

6 Filtration Stages

- ~ 600 GPD production (2.280 l.)
- ~ Compact design
- ~ Double information system on the tap and machine





1,6 LPM
HIGH
PRODUCTION



FILTER
CHANGE
WARNING



MEMBRANE
CHANGE
WARNING



6 FILTRATION
STAGES



HYDRAULIC
CIRCUIT



PRODUCTION RATE
2: 1 LITRES OF
PERMEATED AND
WASTE WATER



FILTER CHANGE IN
3 SECONDS



QUALITY
SENSOR



LEAKAGE
SENSOR



MULTIPROTECTION *



SMART FAUCET
WITH CONTROL
WARNING



AUTO-FLUSHING
MEMBRANE

** It stops after 30 minutes of working constantly.
It stops if something wrong is detected in the pump. 20 Minutes
It stops when the temperature goes below 3 ° C.*

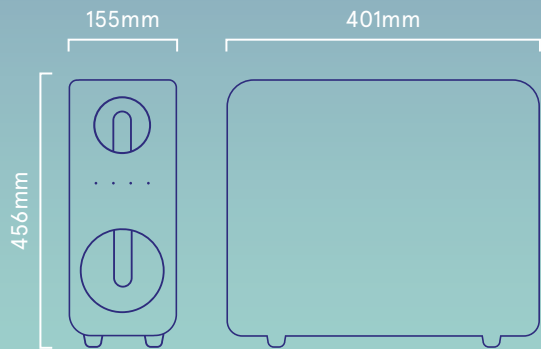
600 GPD CAPACITY

Fill your glass of water
in only **6 seconds**

REKA
DIRECT FLOW RO



ULTRACOMPACT RO AND SUITABLE FOR ANY PLACE



REKA

DIRECT FLOW RO

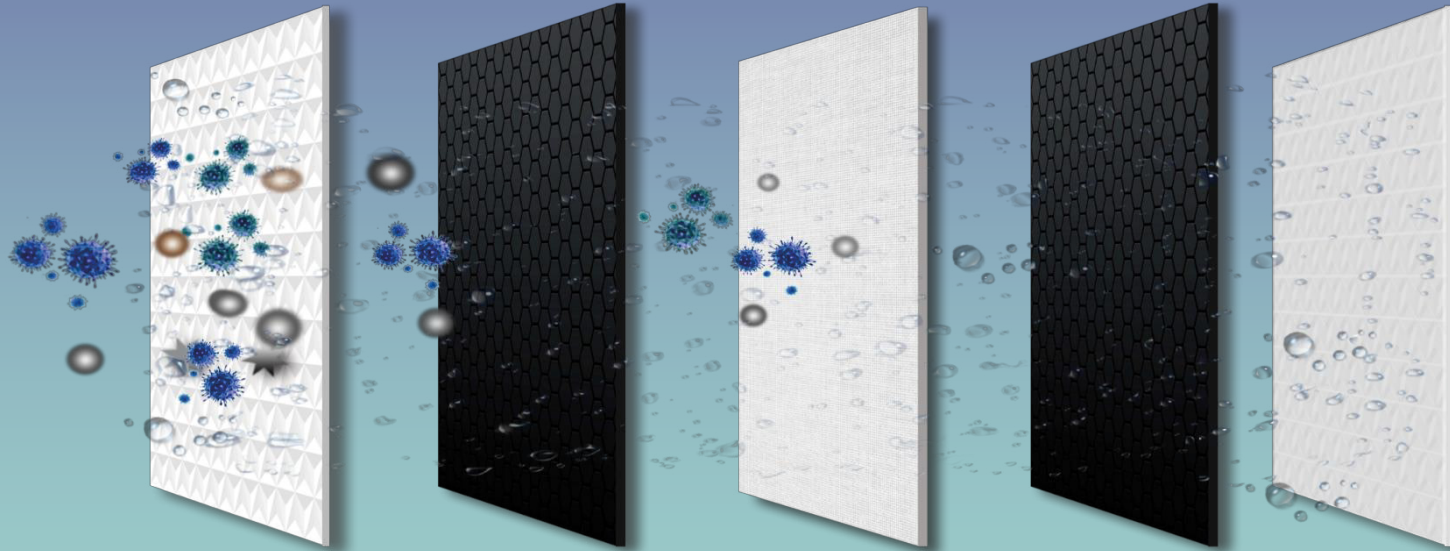
COMBI FILTER

6 filtration stages

REKA

DIRECT FLOW RO

It removes 99,9% of heavy metals, chlorine, bacteria, organic elements, etc.



PP



CB



PP



RO



CB



PET

Removes large particles, sediments, dust.

Carbon Filtration
5-10 microns.
Removes 85% Chlorine.

Removes large particles, sediments, oxide.

Removes heavy metals and bacteria.

Removes chlorine, odour and improves the taste.

Removes carbon particles

EASY AND FAST FILTER CHANGE

in only **3 seconds**

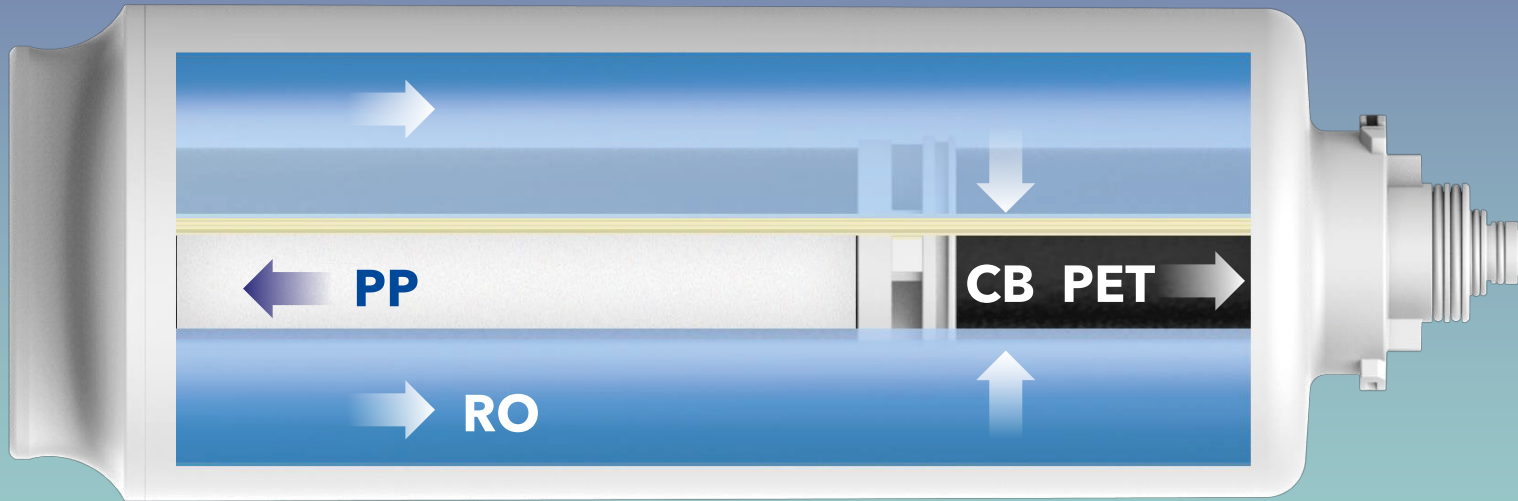
With an easy twist and without moving the machine from its position, take out the filter and replace it with the new one and your RO will work again at 100% capacity.



MEMBRANE MRO

REKA
DIRECT FLOW RO

Multifiltration capacity increases
the efficiency of the system.



PP → RO → CB → PET

FILTER CHANGE

3 times over **3** years

Get ready for
savings

~ CF. Prefilter. Replacement recommended every 12 months.

~ MRO: Replacement recommended once every 36 months, depending on the water consumed, quality of the inlet water, etc.



SMART DISPLAY

REKA

DIRECT FLOW RO

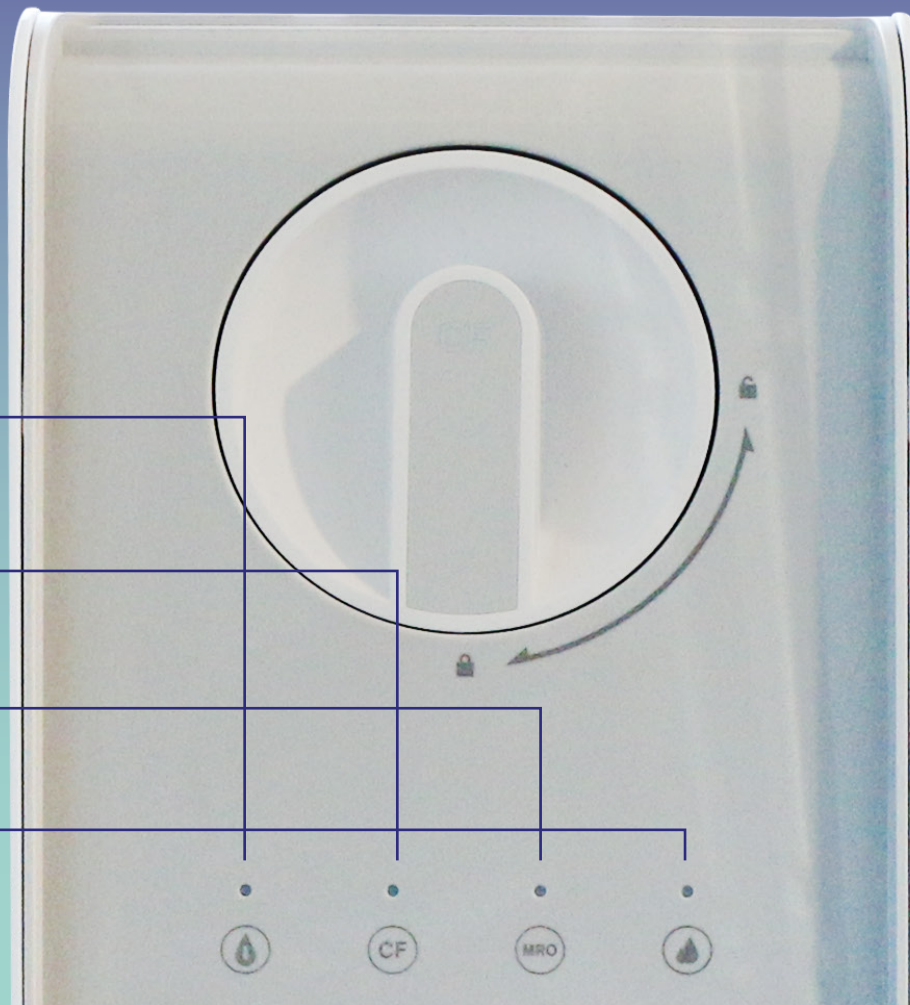
Get ready for
savings

Funcionality
system

Prefilter life span
indicator

Membrane life span
indicator

Quality of permeated
water indicator



100% RESPECTFUL TO THE ENVIRONMENT

2:1
2 Litres produced
1 Litres of waste water

Tankless equipment. This guarantees you instant osmosis directly from your tap.
your tap.



SMART AUTOFLUSHING OF MEMBRANE






- ~ Incorporate program
- ~ Avoid blockage in the membrane and extend its life span
- ~ It assures good water quality and better taste






SMART FAUCET

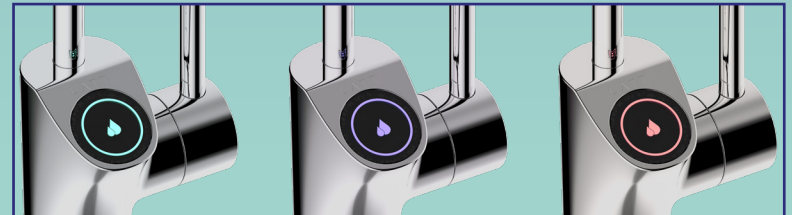
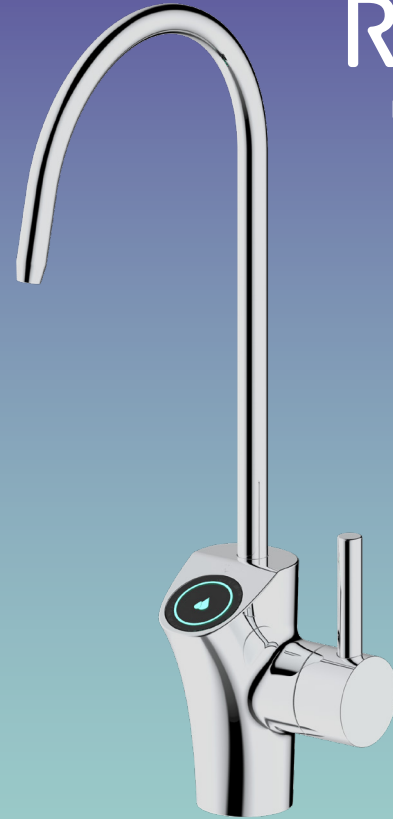
Check the quality of the filters quickly thanks to **multicolor led.**

Produced water quality

-  TDS \leq 100 ppm
-  100 ppm \leq TDS \leq 150 ppm
-  150 ppm $<$ TDS

Service life of filters

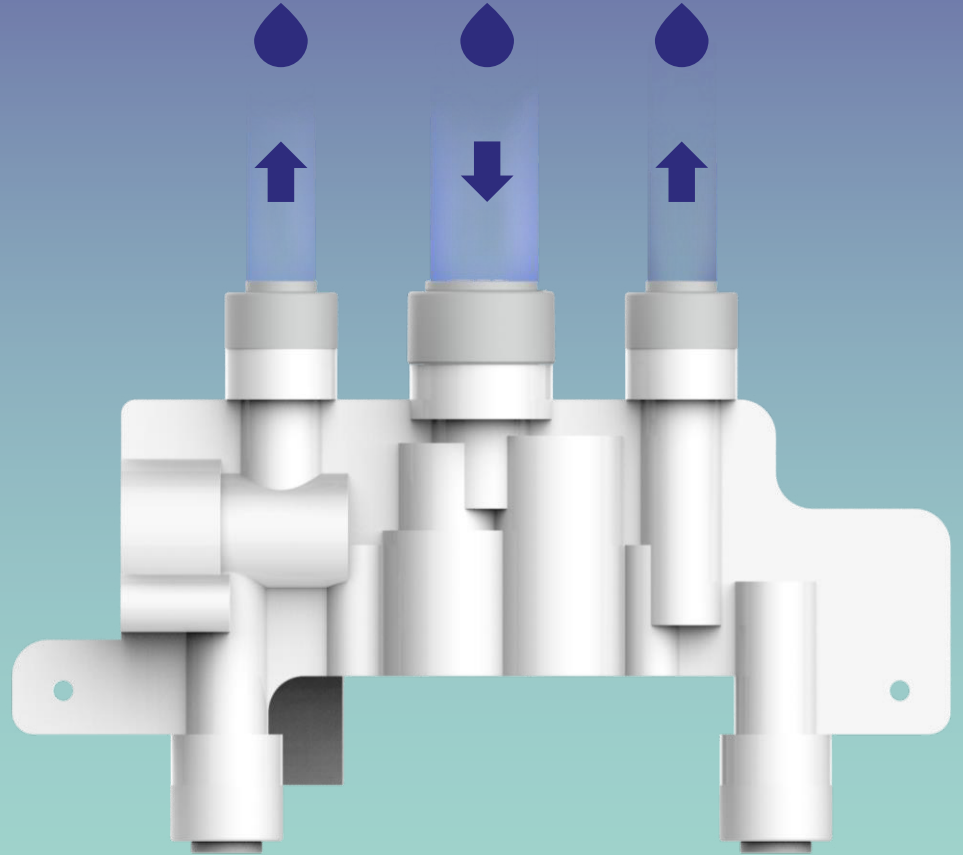
-  Litres remaining $>$ 150 / Days remaining $>$ 15
-  Litres remaining \leq 150 $>$ 0 / Days remaining \geq 15
-  Litres remaining \leq 0 / Days remaining $<$ 15



MANIFOLD



- ~ Less leaking
- ~ Less welding
- ~ Stronger seal
- ~ Easier and safer use



MULTI PROTECTION

REKA
DIRECT FLOW RO

Leakage protection

When the system detects a leakage of more than 3 seconds, the audible and visual warnings are activated.

Protection against low temperatures

Activated when the water temperature is below 3°C.

Protection against continuous stops and starts

Activated when the pump runs continuously for more than 30 minutes



TECHNICAL DATA SHEET

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DIRECT FLOW RO



PRESSURE (MAX. - MIN.)	4 - 1 bar (400 - 100 kPa)
TEMPERATURE (MAX. - MIN.)	38 - 5 °C
TDS (MAX.)	1500 ppm
HARDNESS (MAX)	15 °HF
WEIGHT	10.7 kg
POWER SUPPLY	24 VDC 5A
ADAPTADER	100 - 240 VAC 60 - 60 HZ
PRODUCTION (MAX.)	1,6 - 2 LPM

FILTER SPECIFICATIONS

REKA

DIRECT FLOW RO

FILTER	CF · MULTISTAGE FILTER		MRO · MULTISTAGE MEMBRANE			
TYPE OF FILTRATION	PP	CB	PP	RO 600GPD	CB	PET
FUNCTIONALITY	Removal of particles, sediment and oxides.	Removes particles, sediment, and oxide. Removes colour, odour, improves taste. Removes chlorine, carbon, methane	Removes particles, sediments and oxide.	Removes heavy metals, microorganisms, bacteria, pesticides, and antibiotics. Desalination ->90%	Removes colour, odour and improves the taste.	Removes carbon particles.
PRECISION	10 – 15 microns	5 - 10 microns	20 - 25 microns	0,0001 microns	2 - 5 microns	15 microns
TOTAL CAPACITY	8.000 liters		11.000 liters			
RECOMMENDED REPLACEMENT CHANGE	12 months		36 months			