

YRTR

DIRECT FLOW

# ADVANCED REVERSE OSMOSIS SYSTEM

Direct Flow

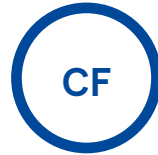
**5 stages** of filtration

- ~ Capacity: 800 GPD (3.024 Lpd)
- ~ Compact size
- ~ Double information system in equipment and tap
- ~ Recovery rate: 60%





2/2'2 LPM  
HIGH  
PRODUCTION



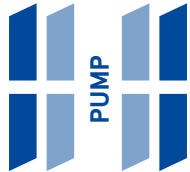
FILTER CHANGE  
WARNING



MEMBRANE CHANGE  
WARNING



SYSTEM  
WITHOUT TANK



5 FILTRATION  
STAGES



INTEGRATED  
HYDRAULIC  
CIRCUIT



PRODUCTION RATE  
2:1 LITERS OF PRODUCED  
AND WASTE WATER



HIGHER FLOW  
RATE OF WATER  
DISPENSED



FILTER CHANGE IN  
3 MINUTES



LITERS OF  
PRODUCED AND  
WASTE WATER



ELECTRONIC  
LEAKING  
SENSOR



EASY  
MAINTENANCE



MULTIPROTECTION \*



WITH WARNINGS:

- WATER QUALITY
- FILTER CHANGE



AUTO-FLUSHING  
MEMBRANE



SYSTEM WITH  
CONDUCTIVITY  
CONTROL

\* It stops automatically after 120 minutes of working constantly.

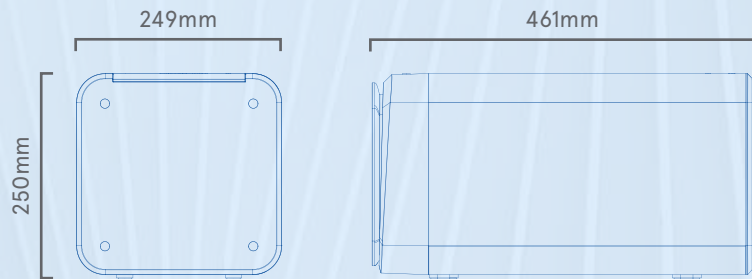
# 800 GPD CAPACITY

Fill your glass of water  
in only **8 seconds**

WYRTA  
DIRECT FLOW



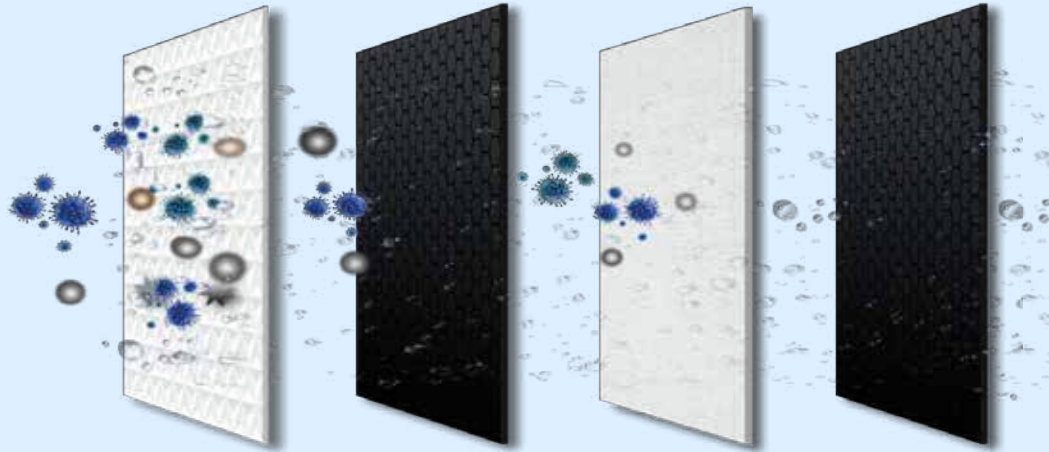
# SYSTEM WITH CONDUCTIVITY CONTROL



# COMBI FILTER

## 5 filtration stages

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



**PP**

Removes large particles, sediments, oxide.

**CB**

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

**PUMP**

High pump pressure and high performance.

**RO**

Removes heavy metals and bacteria.

**CGAC**

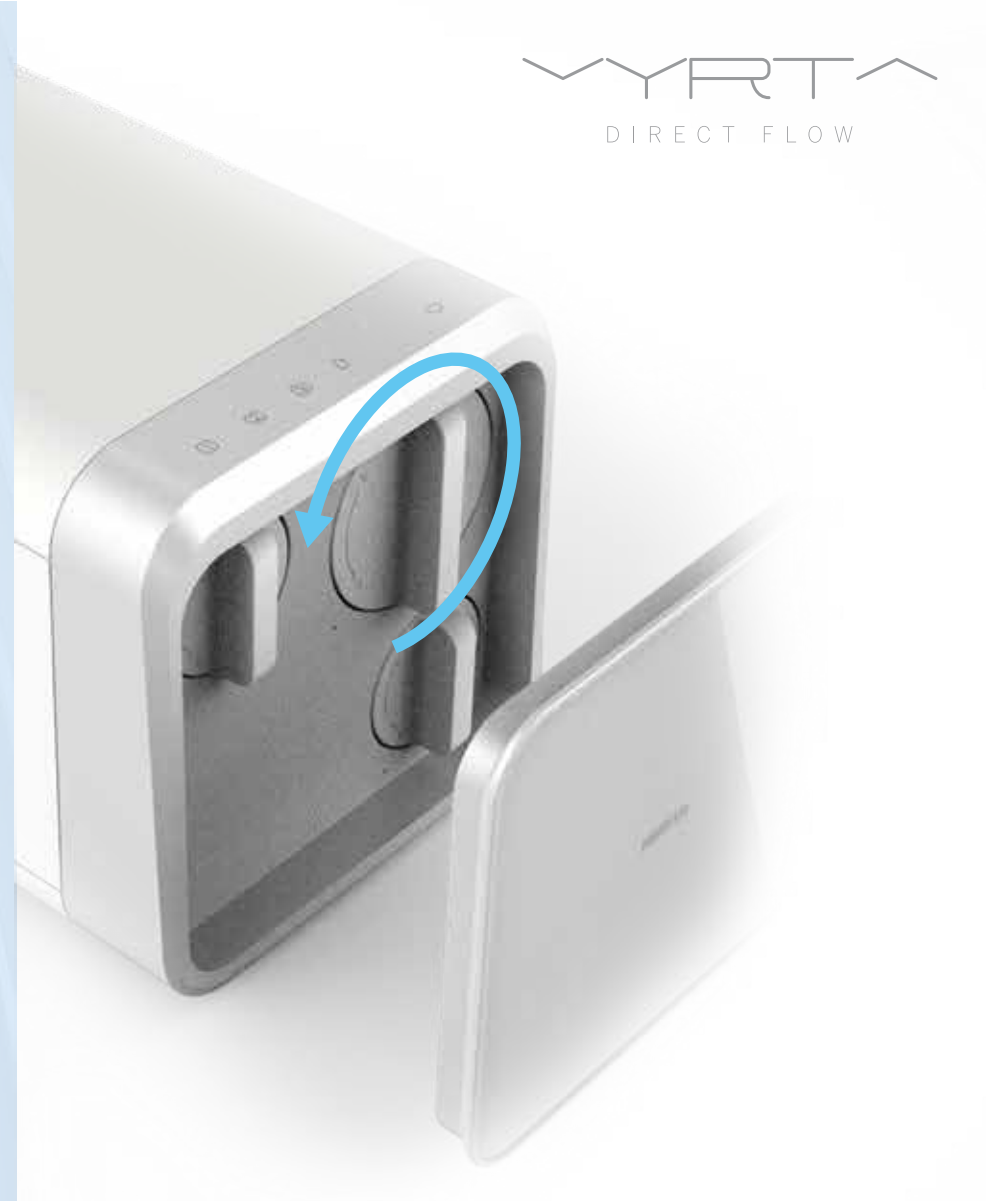
Removes chlorine, odour and improves the taste.

# 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.

Automatic filter cleaning system.





# DURABLE FILTERS

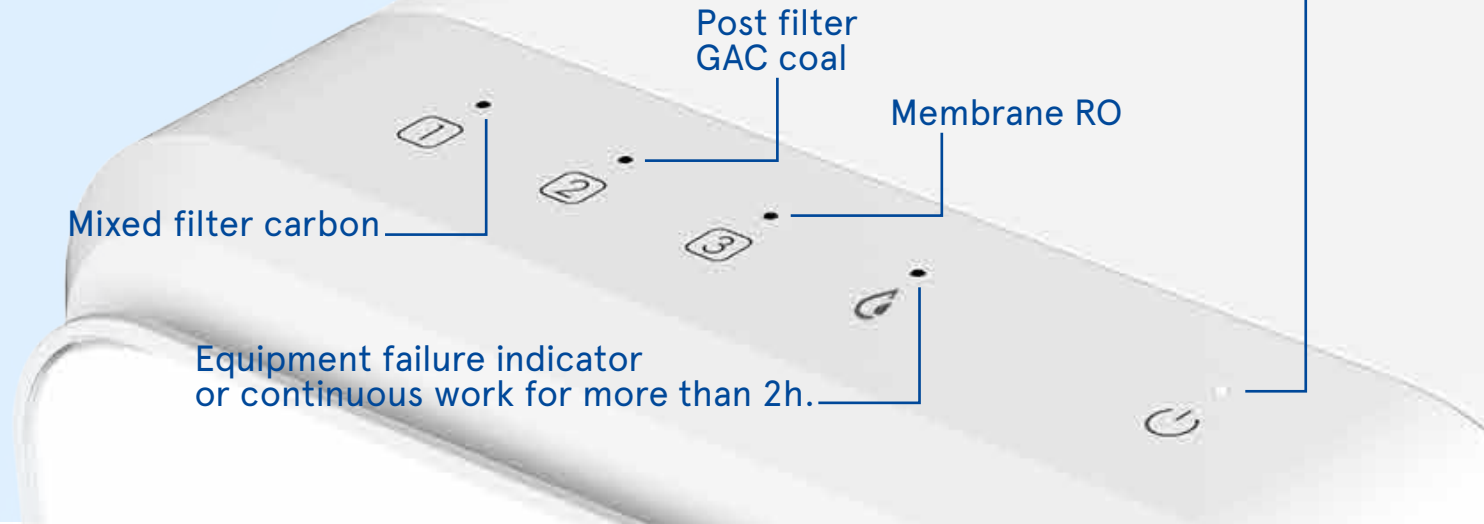
Get ready  
for **savings**

- ~ CF. Carbon block prefilter with filtration 5 micron polypropylene.
- ~ RO. 800 GPD membrane.
- ~ CB. GAC carbon post filter.

WYRTA  
DIRECT FLOW



# SMART DISPLAY



**100%**  
**ENVIRONMENTALLY**  
**FRIENDLY**

**2:1**  
2 Litres produced  
1 Litres of waste water

RO without tank. It guarantees osmotic  
water direct to your tap.

WYRTA  
DIRECT FLOW



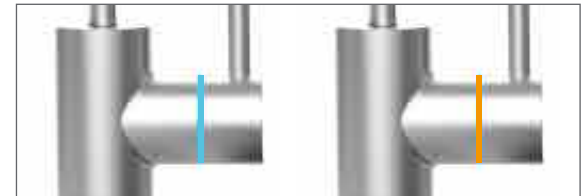
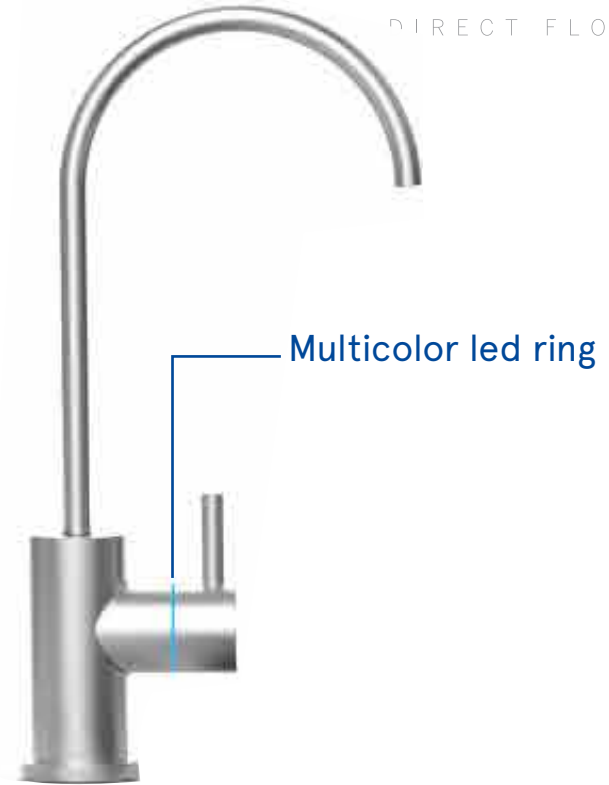
# SMART FAUCET

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

Produced water quality indicator

- Permanent blue: normal
- ⦿ Flashing blue: flushing
- Permanent orange: exhausted filters, poor quality water, blocked equipment
- ⦿ Flashing orange: equipment failure or filter change warning

WYRTA  
DIRECT FLOW



# SMART AUTOFLUSHING OF MEMBRANE



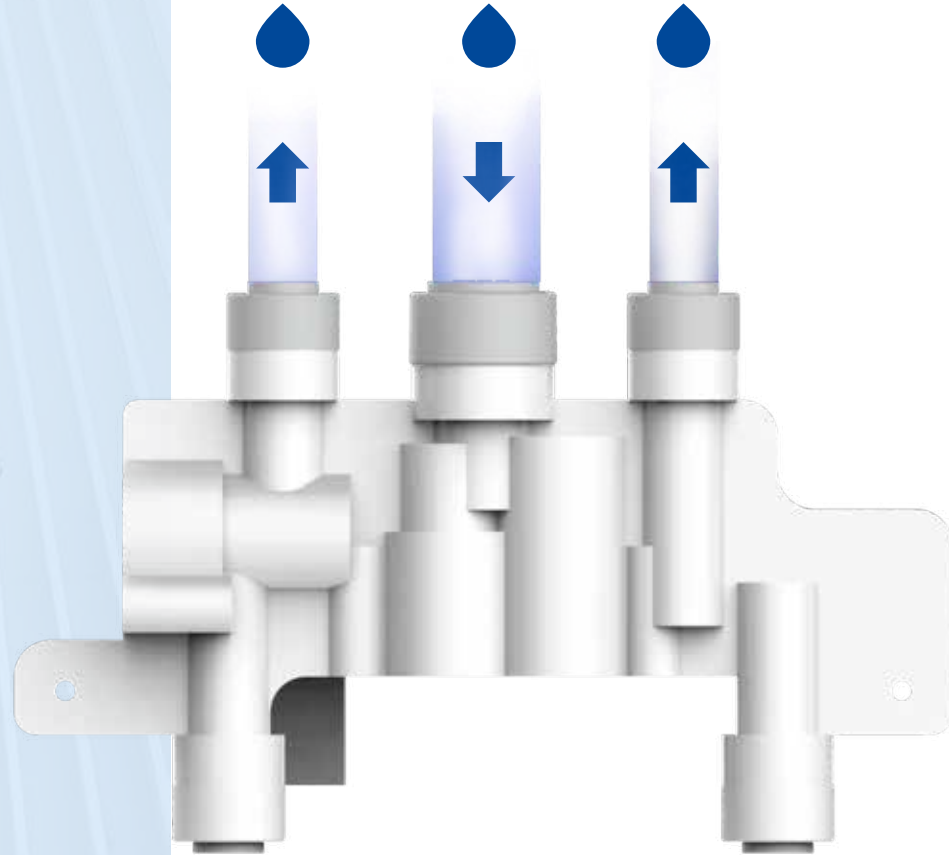
- ~ Incorporated program
- ~ Avoids blockage in the membrane and extends its life span
- ~ It assures good water quality and better taste



# INTEGRATED CIRCUIT



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



# HYDRAULIC, ELECTRICAL AND ELECTRONIC CONNECTIONS

1. Inlet
2. RO Water
3. Drain
4. Smart faucet
5. Power supply



# TECHNICAL

# DATA SHEET



PRESSURE (max. - min.)	4 - 1 bar (400 - 100 kPa)
TEMPERATURE (max. - min.)	38 - 5 °C
TDS (max.)	1500 ppm
HARDNESS (max)	20 °HF
WEIGHT	13 kg
POWER SUPPLY	24 VDC 5A
ADAPTADER	100 - 240 VAC 60 - 60 HZ
PRODUCTION (max.)	2 - 2'2 LPM
RECOVERY	≥ 60%

# AUTOMATIC

## FLUSHING SYSTEM

FUNCTIONALITY	ACTIONS	STATUS OF THE LIGHTS
1. Washing when turning on the equipment electrically	As long as the machine is electrically connected, it will perform a 30 second wash.	The blue led of the countertop faucet will be flashing
2. Washing when accumulating operating time	Every time the accumulated working time reaches 4 hours, the equipment will perform a 30-second wash.	The blue led of the countertop faucet will be flashing
3. Washing	Every 24 hours, a 30 second cycle wash is performed.	The blue led of the countertop faucet will be flashing

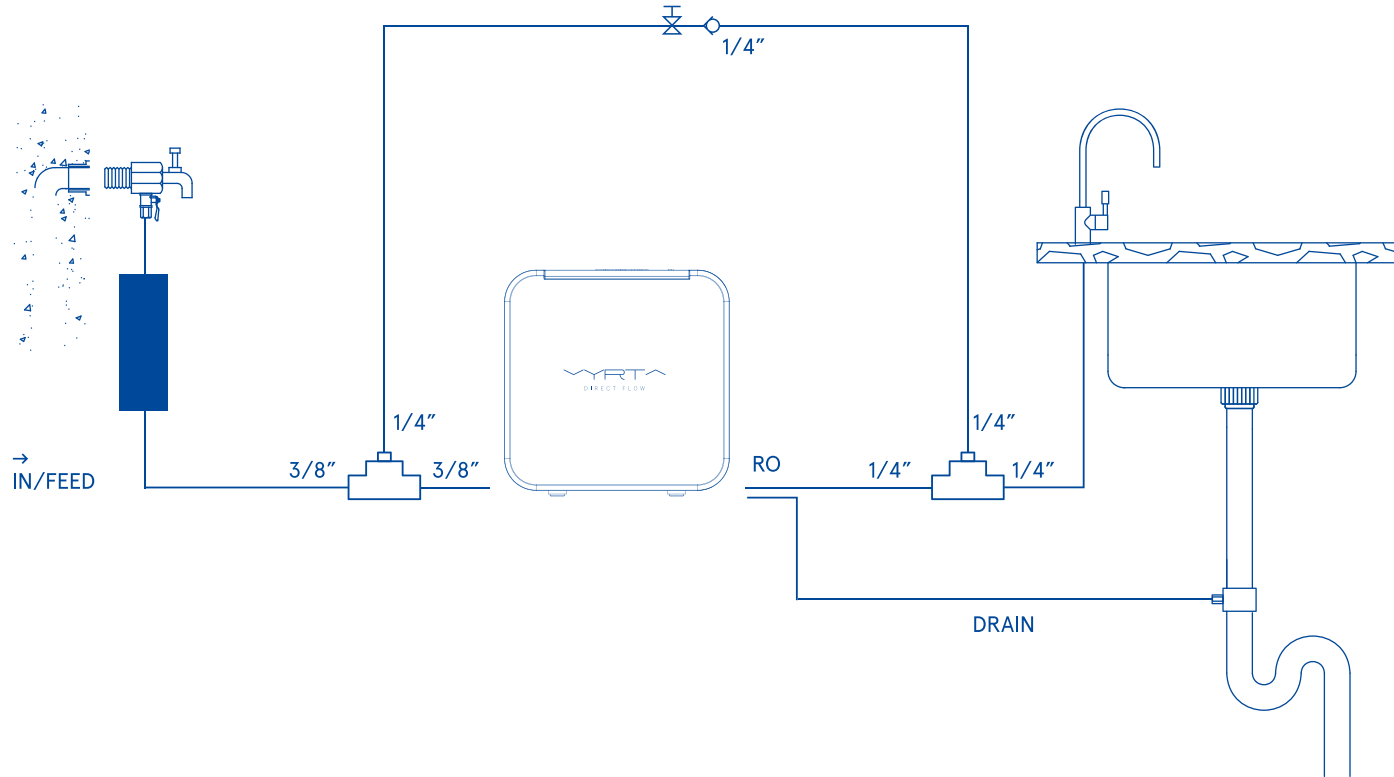
# FILTERS

## SPECIFICATIONS

FILTER	CF · PRE-FILTER CARBON + PP		RO MEMBRANE	CB · POST-FILTER CHARCOAL
HALF	PP	CB	RO 800GPD	CB
FUNCTIONALITY	Removal of large particles, sediment, rust.	Elimination of color, odor, improvement of taste. Removal of chlorine, carbon, tetrachlorine, methane.	Removal of heavy metals, microorganisms, bacteria, pesticides and antibiotics. Desalination: $\geq 90\%$	Removal of color, odor, improvement of taste.
PRECISION	10 microns	5 - 10 microns	0,0001 microns	10 - 20 microns
TOTAL CAPACITY	6000 liters		20.000 liters	4.000 liters
CHANGE RECOMMENDED	12 months		36 months	12 months

# HYDRAULIC

# DIAGRAM



# CUSTOMIZE



## YOUR EQUIPMENT

The RO VYRTA can be supplied as neutral or branded equipment of your company.

Your brand here

