



# aROma

Unleash the true flavour of coffee with the aROma system



Coffee



Beverage



#### Features of the aROma reverse osmosis system:

- High instantaneous flow rate
- No electricity required
- Includes activated pre-treatment and post-treatment activated carbon filters
- Expansion integrated vessel with patented features
- Exclusive layout that creates important savings in water use
- Exclusive and compact design
- Integrated support bracket for horizontal and vertical mounting
- TDS blending valve (External kit provided)

All features that make aROma a unique product for Reverse Osmosis water

**Our exclusive design simplifies filter change and maintenance, by boasting the absence of traditional hydraulic connections for an integrated circuit.**

**DIMENSIONS** (Support bracket included)  
**WxDxH:** 326 x 147 x 350mm

Water treatment in the industrial and professional world is essential for obtaining water with specific chemical characteristics that starts as common drinking tap water.

In this context, the presence of salts dissolved in water is often incompatible equipment and the working process itself. Reverse osmosis and its pre-treatments are specific processes that allow for salt reduction and enable treated water to attain the required qualities. All aROma equipments and systems allow you to adjust the residual salinity according to your specific quality and range requirements.

The aROma system is ideal in a wide variety of fields, from beverage and vending to cooking systems, steam ovens, washing systems, chemicals and photovoltaic panels.

## TECHNICAL DATA

inlet pressure	capacity supplied in 1 minute	refill time	Test Conditions	
bar/PSI 2.5/36	l/min 2.4	min 15	Inlet water temperature	15°C   59°F
3/43	2.7	12	Rejection	>90
4/58	3.0	8	Recovery (typically at a pressure of 36 PSI)	40%

## aRoma REVERSE OSMOSIS SYSTEM

Parameter (with by-pass off)		In	Out
Conductivity at 77°F	µS/cm	289	14,7
Hydrogen ion concentration	pH	8,15	7,54
Chloride	mg/l	3,1	0,223
Solphates	mg/l	19,3	0,572
Zinc	µh/l Zn	11,8	n.r.
Calcium	mg/l Ca	32,4	1,48
Magnesium	mg/l Mg	11,5	0,45
Potassium	mg/l K	0,7	0,176
Sodium	mg/l Na	2,07	0,52
Total phosphorus	µg/l P <sub>2</sub> O <sub>5</sub>	29,8	n.r.
Hexavalent chromium	µg/l Cr	0,94	n.r.
Nitrates	mg/l	3,5	2,9

### Technical specifications

Time flow rate	24 l/h (@ 4 bar)
working pressure min/max	1,5 bar/6 bar   21.7 PSI/87 PSI*
Temperature min/max	5/35 °C   41/95 °F

\*For continuous operation near the limits please contact our technical office.

## STANDARD INSTALLATION KIT

- Support bracket
- 2 M6x20 screws
- Spacer
- Lateral drain support bracket 1/4" for OD 40 pipe
- 2 pipes 8mm x 1m
- 1 pipe 1/4" x 1mt

## OPTIONAL

- LED faucet
- Anti-flooding system
- Pressurised system
- Pressure reducer
- Untreated water inlet valve kit
- Capillary kit
- Sanitising cartridge

