

Water Cooler

# Microfiltration or Direct Flow Reverse Osmosis

Undersink, 90 lt/h, 3-way



## MAIN POLLUTANTS ABATEMENT PERCENTAGES \*

» Asbestos	> 95%
» Arsenic (As)	> 95%
» Barium (Ba)	> 95%
» Cadmium (Cd)	> 95%
» Chrome (Cr)	> 90%
» Mercury (Hg)	> 95%
» Nitrates	> 95%
» Pesticides	> 90%
» Lead (Pb)	> 95%
» Chlorinated solvents	> 95%
» Turbidity	100%
» Virus / Bacteria	> 99%

\* in optimal operating condition



AMBIENT



COLD



SPARKLING  
COLD



**Instantaneous  
water cooling**



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# Microfiltration or Direct Flow Reverse Osmosis

Undersink, 90 Lt/h, 3-way

Digital water temperature display controller, instantaneous water cooling system, it reaches the first installation setted temperature and between one dispensing and the other in 1,5 min..

Function control electronic board, with the objective to optimize the yield of the same, operations check and report, problems detect and help the periodic filter change maintenance. It has a solenoid auto-flushing valve for membrane surface cleaning, handled automatically.

As extraordinary security measure the devices are equipped with an anti leakage sensor which blocks the inlet water and the whole machine. The TDS regulator (minerals outgoing) can be regulated in accordance with your taste until you reach the desired flavor with more or less total mineral salts or that may be required by national regulations. The most common place for the device installation is under the kitchen sink or a close mobile without any heat increase compared to the most of the chillers caused by the placement in tight and confined spaces without adequate ventilation.

The system is complete with installation kit and 3-way faucet, depending on the purchased code.

The REVERSE OSMOSIS is therefore the most safe and most widespread water purification system in the world; in addition to the basic reliability of the process, other advantages are represented by the simplicity of assembly, by the low cost of operation and by the total absence of chemical products.

The osmotic process is able to reduce from water all impurities and pollutants harmful to health.

The pure water obtained from this process is the ideal solution for home usage and food consumption as its unique filtration system is a safety barrier against different pollutants in aquifers.

The purification system for reverse osmosis is formed by components of the absolute high quality level. It's a product that is normally designed for professional use, but in this case was designed and configured for home usage.

Product is made in Italy, D.M.25/2012, D.M.174/2004 certified by Italian Ministry.

All devices can be customized with your logo and color.

### SYSTEM WATER STOP

Prevents water leakage by blocking the system.

### ELECTRONIC CONTROL UNIT

Control of every operation phase, to ensure absolute safety and to protect your health.

### ACCESSORIES INCLUDED IN THE BASE SYSTEM:

» Installation kit without water faucet or mixer and without filter.

### TO PURCHASE WITH EVERY SYSTEM:

Can be mounted disposable or rechargeable Co2 cylinder, just choose one of the two Co2 pressure reducers.

» Co2 pressure reducer for disposable cylinder.

» Co2 pressure reducer for rechargeable cylinder.

» Straight adaptor OD tube - BSPT thread 1/4" X 1/8.

» Teflon roll.



### DEPENDING ON THE PRESSURE REDUCER, IT'S POSSIBLE TO MOUNT DISPOSABLE OR RECHARGEABLE CO2 CYLINDER:

» Disposable Co2 steel cylinder 0,600gr.

» Steel Co2 cylinder rechargeable 2Kg. with residual valve.

» Steel Co2 cylinder rechargeable 4Kg. with residual valve.





### CONNECTIONS:

\* Water inlet: DMfit 3/8" quick fit straight adaptor.

\* Co2 inlet: DMfit 1/4" quick fit Bulkhead.

\* Water outlet: DMfit 1/4" quick fit Bulkhead.

### FEATURES

	<b>POWER SUPPLY:</b> 220/230V - 50Hz - Italian 3-plug L type Black	
<b>DISPENSED PRODUCTS:</b> Cold + Ambient + Cold sparkling		
<b>COMPRESSOR:</b> 1/8 hp		
<b>COOLING SYSTEM:</b> Instant		
<b>COOLING CAPACITY:</b> 1,5lt. instant (recovery 1,5min.)		
<b>CARBONATOR CAPACITY:</b> 1 Lt. Stainless steel 304		
<b>WORKING PRESSURE:</b> 0,1~0,4MPa (1~4 bar)		
<b>WORKING TEMPERATURE:</b> 3°C.-14°C.		
<b>RATING POWER:</b> 50W.		

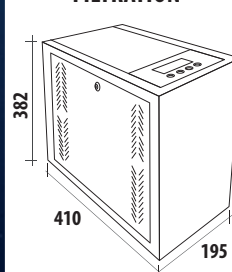
### WATER COOLER FILTRATION SPECIFICATIONS

» Filter excluded
» Recommended filters 0,5 micron:
» Everpure 4C <sup>2</sup> anti-bacteria 4.952lt.
» Profine SILVER mini anti-bacteria 7.000 Lt.
» Ionicore IC-11SCCB 1.057 gallons (4.000L) max. 1 year
» Booster pump: 80 Lt/h (nom.)

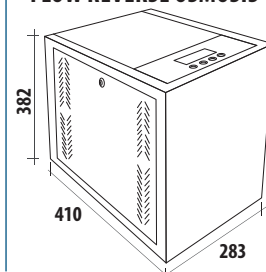
### WATER COOLER FLOW REVERSE OSMOSIS SPECIFICATIONS

» 1x Sediment in-line filter 2,5"x 12" - 5 microns
» 1x Silver coconut carbon block in-line filter 2,5"x 12" 5 microns
» 2x Membranes Ionicore 2012 - 200 GPD
» Membrane style: Dry
» Flow rate: 360GPD (90lt./h.)
» Motor: Water cooled
» Pump: Rotary vane pump 300lt/h
» Membranes cleaning: Automatic post-self made flushing 15 sec.
» Maximum inlet salinity: 2.000ppm.
» TDS regulator in accordance with your taste (mineral salts outgoing)
» Average NaCl rejection: >95%
» Recovery rate: >25%

### WATER COOLER FILTRATION



### WATER COOLER FLOW REVERSE OSMOSIS



Unit: mm

### DISTRIBUTED BY:

NOTE: Do not use with water that is microbiologically unsafe or of unknown quality.

**USE ONLY WITH POTABLE WATER OR FOR POTABILITY AT COMPLIANT TO THE LAW.**

Systems certified for cyst reduction may be used with disinfected water that may contain filterable cysts.

**THE SYSTEM IS NOT A WATER PURIFIER.** All systems must be maintained according to producer instructions.

Change cartridges when capacity is reached, or when flow comes too slow, every 6 months but at least annually.

NOTE: The contaminants or other substances removed or reduced by this drinking water system are not necessarily in your water.