

Osmotic water still, cold and sparkling!

**WATER COOLER
 WITH INTEGRATED
 REVERSE OSMOSIS**

**COSTANT SALINITY FLOW
 PATENTED TECHNOLOGY**

**HIGH QUALITY
 COMPETITIVE PRICE**

**COMPACT SIZE AND
 CONVENIENT SYSTEM**



LYNPHA FRESH OSMO 15 IN

| Code | Water Coolers LYNPHA FRESH OSMO 15 series countertop |
|-----------|--|
| LYNFRE032 | Water cooler Lynpha Fresh Osmo 15 EC countertop version, cold and still |
| LYNFRE033 | Water cooler Lynpha Fresh Osmo 15 WG countertop version, cold, sparkling and still |
| LYNFRE030 | Water cooler Lynpha Fresh Osmo 15 CSF countertop version, cold and still |
| LYNFRE031 | Water cooler Lynpha Fresh Osmo 15 CSF-WG countertop version, cold, sparkling and still |

| Code | Water Coolers LYNPHA FRESH OSMO 15 IN series undercounter |
|-----------|---|
| LYNFRE010 | Water cooler Lynpha Fresh Osmo 15 IN EC undercounter version, cold and still |
| LYNFRE011 | Water cooler Lynpha Fresh Osmo 15 IN WG undercounter version, cold, sparkling and still |
| LYNFRE012 | Water cooler Lynpha Fresh Osmo 15 IN CSF undercounter version, cold and still |
| LYNFRE013 | Water cooler Lynpha Fresh Osmo 15 IN CSF-WG undercounter version, cold, sparkling and still |

| Code | Accessories and spare parts |
|-----------|---|
| KITRU003 | 3-way faucet 3750 chromed with mixer |
| KITRU007 | 5-way kitchen sink mixer mod. 5200B chromed |
| BORIC001 | Disposable Co2 cylinder 600 gr. E290 thread M11x1 ST |
| BORIC005 | Co2 cylinder aluminium 640 gr. E290 rechargeable thread M11x1 ST |
| BORIC002 | Co2 cylinder steel 2 Kg. E290 rechargeable |
| RIPRE001 | Pressure reducer for disposable Co2 cylinder |
| RIPRE003 | Connection kit for transformation of disposable / rechargeable pressure reducer |
| FILCOM001 | Pre-filter cartridge Compact Microfiber PP 5µ length 12" bayonet coupling |
| FILCOM003 | Pre-filter cartridge Compact Carbon Block 5µ length 12" bayonet coupling |
| 14-1 | Post-filter cartridge in-line Deacidifying length 12" connections ¼" F rechargeable |
| KITUV6W | UV sterilizer 6W installation kit for Lynpha Fresh Osmo complete |
| TFC3013-A | Reverse osmosis membrane TFC-3013-A 500GPD |
| S212T5 | Lamp UV 6W (2+2 Pins) |

The water coolers LYNPHA FRESH OSMO 15 series complete with integrated reverse osmosis system, are direct flow water filters without storage tank capable to dispense 70 lt/h pure water with a high quality level. Using the selective capacity of special reverse osmosis membranes of the latest generation, they effectively remove excessive mineral salt and various polluting substances.

Thanks to the exclusive patented technology "CSF" (Constant Salinity Flow), LYNPHA FRESH OSMO 15 is capable to dispense pure water with constant salinity level, also immediately on start-up of the reverse osmosis system after a break of operation. In fact it is well known that whenever a reverse osmosis system is restarted, due to the natural phenomenon of osmosis, the organoleptic qualities of the dispensed water by the membrane are altered by the sudden increase in the salinity level. This situation lasts for about 45-60 seconds and to get round this technical problem, common to all systems on the market, the usually solution it is to discharge the first water dispensed by the unit. As from today, the LYNPHA FRESH OSMO 15 solves the problem once and for all and every family can have an inexhaustible source of pure water at home, without compromise or waste of water.

The performances satisfy even the most demanding customer: 70 lt/h of still water and 15 lt/h of cold and sparkling water (1 liter continuous). LYNPHA FRESH OSMO 15 takes only 35 seconds to supply one liter of sparkling water! The user-friendly control panel makes LYNPHA FRESH OSMO 15 easy and simple to use. The water cooler is equipped with an output for each type of water and warning lights.

The water cooler LYNPHA FRESH OSMO 15 series, available in the TOP models (countertop) and IN models (undercounter) for installation under the sink, is produced in four versions:

LYNPHA FRESH OSMO 15 EC basis version for the dispensing of still and cold water.

LYNPHA FRESH OSMO 15 CSF patented version for the dispensing of still and cold water with constant salinity level.

LYNPHA FRESH OSMO 15 WG basis version for the dispensing of still, sparkling and cold water.

LYNPHA FRESH OSMO 15 CSF-WG patented version for the dispensing of still, sparkling and cold water with constant salinity level.

MAIN CHARACTERISTICS

- Automatic operation controlled by the electronic board with microprocessor.
- Electronic timer for filter replacement alarm.
- Automatic membrane washing and scheduled flushing system (every 6 hours).
- Water leak detection alarm with automatic water supply lock.
- Pre-filter cartridge Compact of easy replacement outside of the appliance.
- UV sterilizer 6W with stainless steel frame (optional).
- Mixing kit for residual hardness and TDS value control.

LYNPHA FRESH OSMO 15 SERIES WATER COOLER SPECIFICATIONS

| | | | |
|---------------------------------------|----------------|---|------------------|
| Nominal flow rate ⁽¹⁾ | 70 lt/h | Osmotic membrane | TFC3013-A |
| Min-Max supply pressure | 2 - 5 bar | Membrane capacity | 500GPD |
| Operating pressure | 8 bar | Medium NaCl rejection | 97% |
| Flow rate Booster Pump ⁽¹⁾ | 130 lt/h | Max recovery rate | 60% |
| Min-Max Water temperature | +5 °C / +40 °C | Pre-filter 1 Compact 12" | Microfiber PP 5µ |
| Max salinity input | 1500 ppm TDS | Pre-filter 2 Compact 12" | Carbon Block 5µ |
| Max total hardness | 50 °F | Post-filter in-line deacidifying system | Optional |
| Power supply | 230Vac-50Hz | UV sterilizer 6W | Optional |
| Max absorption | 285 Watt | UV lamp duration | 8000 hours |
| Transformer Booster Pump | 32Vdc - 2A | Shipping Weight | 34 Kg |
| Dimensions mod. TOP (L x D x H) | 260x450x410 mm | Assembly and regulation kit TDS | YES |
| Dimensions mod. IN (L x D x H) | 260x420x410 mm | Faucet | Optional |

(1) Indicative value obtained in laboratory conditions and based on water with 500 ppm TDS, supply pressure 3.5 bar, operating pressure 8 bar, temperature 17,5 °C and after 24 operating hours. The flow rate of each element can vary by +/- 15%, and also the flow rate may vary significantly depending on salinity and especially on the supply water temperature (+/- 3% per °C temperature).

The water cooler LYNPHA FRESH OSMO 15 series is a Made in Italy product using only the best materials and the most advanced processing systems and comes complete with an instruction manual and assembly kit for simple and correct installation. As required by the Italian Ministerial Decree no. 174/2004, all components of the hydraulic circuit are non-toxic and made using materials suitable for contact with drinking water. Ecological, reliable and technologically advanced, the water cooler LYNPHA FRESH OSMO 15 series complete with integrated reverse osmosis system is an appliance for the treatment of drinking water and it conforms to the Italian Health Ministry's Decree no. 25/2012 and EC standards.



KITFIL005

FILCOM001
FILCOM003

SUBSTANCES REMOVAL TABLE

| | | | |
|-------------|--------|-----------|--------|
| Sodium | 90-95% | Cadmium | 93-98% |
| Calcium | 93-98% | Mercury | 93-98% |
| Magnesium | 93-98% | Chrome | 93-98% |
| Potassium | 90-95% | Lead | 93-98% |
| Ammonia | 93-98% | Chloride | 90-95% |
| Nitrite | 93-98% | Asbestos | >99% |
| Nickel | 93-98% | Nitrate | 85-90% |
| Hydrocarbon | 98-99% | Phosphate | 93-98% |
| Bacteria | >99% | Sulphate | 93-98% |
| Zinc | 93-98% | Arsenic | 93-98% |
| Chlorine | 100% | Pesticide | 96-98% |



RIPRE001

BORIC001

BORIC005



KITRU003

KITRU007