



## Expert P500

# Point-of-Use Direct Flow Reverse Osmosis Bottleless Hot and Cold Drinking Water Dispenser

### Beyond Bottles

- Purifies the water that's already in your office or home
- No contracts – save \$ thousands: no need to plan, purchase, transport and store water bottles
- No worry of bottled water source and quality
- Eliminates the strain of lifting bottles
- No bottles – no BPA or arsenic in your drinking water, and no flowering
- Fewer plastics for the landfills

### Beyond Sorption and Ultrafiltration

- 5-stage Reverse Osmosis water filtration system inside
- No accumulated mud: R.O. membrane separates clean water from dissolved solids and other rejected particles that go down the drain
- Re-mineralizing water conditioner included
- Water is tasty, safe and vital: the system delivers a pure, refreshing experience with no aftertaste of heavy metals, limescale or chlorine



### Innovative Direct Flow Reverse Osmosis

- Clean and fresh water delivery: instantly available water purified in real time
- No room-temperature storage tank – no stale or flowered water
- Virtually unlimited production: up to 1700 liters of purified water per day for the fraction of the cost of bottled water
- Water saving 1:1 or better recovery rate
- Membrane auto-flush for self-cleaning and top performance

### Premium Water Filtration Features

- High capacity 450GPD R.O. membrane
- Toray® membrane sheet made in Japan
- Powerful booster pump
- Fully automatic operation including auto-flush and idling protection
- Quick-change encapsulated filter and membrane elements for easier maintenance



## Premium Water Dispenser Features

- High quality fit and finish
- Hot & cold water spouts
- Child safe
- LED indicators
- Food grade stainless steel hot and cold water tanks
- Heavy duty, commercial use ready
- The hot and cold water functions can also be turned off together or independently to conserve electricity: the system will continue to operate as a high production water filter.



## Cold Water – Unlimited Cool Refreshments

Thanks to R134a coolant compressor system and direct flow R.O. clean water production that eliminates the need to have a room temperature storage tank, the system is able to produce virtually unlimited amount of perfect temperature cold water to cool you off on a hot day or after a workout. As a cooler, this system is great even for busiest lobbies or offices with lots of people.

## Hot Water – Instant Toasty Beverages

The system produces steaming hot water that is great for tea, hot chocolate, soups and instant meals. It can produce up to 6.0 liters of hot water per hour. Child safety lock adds to a safe operation.



## Water Filtration Stages

- 2x sediment and carbon pre-filters
- 1x high production R.O. membrane
- 1x sorption and remineralizing water conditioning post-filter

## Tech Specs

|  |                                    |
|--|------------------------------------|
| Filtration system                          | Direct Flow Reverse Osmosis        |
| Filtered water production rate             | 450 gpd (1700 lpd) maximum         |
| Recovery rate (system efficiency), typical | more than 50%                      |
| Cold water capacity                        | up to 1700 lpd                     |
| Hot water capacity                         | up to 144 lpd                      |
| Child protection                           | Yes (on hot water)                 |
| Power supply                               | 200-230 V AC, 50/60 Hz, 4.0 A      |
| Weight (without water)                     | 37.5 lbs (17.0 kg)                 |
| Dimensions (WDH)                           | 10.2 x 13 x 40" (26 x 33 x 101 cm) |

## Make Your Contribution to Saving Our Planet

Save your pocket as well as our Planet: cut your costs dramatically by switching from bottled water to an in-house purifier and reduce environmental impact of water bottles' carbon footprint and plastics for the landfills.

## Fully Certified

Conforms to Directives 2014/30/EU, 2014/35/EU, 98/83/EC, etc.



- Heavy Duty
- High Production
- Hygienic • Durable

## Installation

Up to 100m and more of distance from feed water source to the system is possible. There are various 1/4" and 3/8" connection and tubing options available to make installation and setup easier.

Ready for a family, crowded office or public spaces