

# INNOVATIVE WATER SYSTEMS

Typical Applications Include:

- Machining
- Ultra Sonic
- Coffee/Beverage
- Humidors
- Surgical Rooms
- Pharmaceutical Labs



## 75 / 150 / 200

Gallons Per Day

- Pre-Filters - Two Piece Spin Off Design
- Membrane - 1 to 1 Rejection Rate
- .33 CUFT Nuclear Grade Mixed Bed Resin
- Visual LED Display / Alarm
- Light Weight Aluminum Cabinet
- Single Point Connection
- Ultra Violet Light Sterilization

### DIMENSIONS

24.91" H x 10.33" D x 27" L  
120lbs Wet

## 400 / 625 / 800

Gallons Per Day

- Pre-Filters - Two Piece Spin Off Design
- Membrane - Polyamide Thin-film Composite
- .66 CUFT Nuclear Grade Mixed Bed Resin
- Visual LED Display / Alarm
- Light Weight Aluminum Cabinet
- Single Point Connection
- Ultra Violet Light Sterilization
- Removable Lifting Handles

### DIMENSIONS

42" H X 13" D X 35" L  
315 lbs Wet

## 1000 / 1225 / 1400 2000 / 2500

Gallons Per Day

- Pre-Filters - Two Piece Spin Off Design
- Membrane - Polyamide Thin-film Composite
- 2.2 CUFT Nuclear Grade Mixed Bed Resin
- Visual LED Display / Alarm
- Light Weight Aluminum Cabinet
- Single Point Connection
- Ultra Violet Light Sterilization
- Removable Lifting Handles

### DIMENSIONS

66.43" H X 16.09" D X 35" L  
365lbs Wet



**ultra pure**<sup>TM</sup>  
SYSTEMS

800.729.5192 | [ultrapureus.com](http://ultrapureus.com)

US Patent # D780, 884 ; 780,885

Ultra Pure Systems proudly manufacturers the best commercial RODI water purification equipment on the market. Our systems are produced using a methodical process ensuring the highest caliber of standards possible. Ultra Pure Systems designed our facility specifically for building, testing and delivering the finest RODI cabinet available using only the highest quality components. At Ultra Pure Systems we understand the complex factors that affect a Deionization Systems performance and reliability. Years of research and experience are reflected in the engineering of Ultra Pure Systems RODI cabinets. Satisfied customers include Data centers, Museums, Humidors, Healthcare Facilities, Print Rooms and medicinal grow facilities. As a cutting edge leader in critical environment pure water technology, Ultra Pure Systems sets the bar for quality and reliability.

## SYSTEM SPECIFICATIONS

| MODELS   | FEED PRESSURE | OPERATING TEMP | ELECTRICAL RATING | AMP MAX | DRY WEIGHT | GROSS WEIGHT | NOMINAL CAPACITY | DEMENSIONS (LXWXH)    |
|----------|---------------|----------------|-------------------|---------|------------|--------------|------------------|-----------------------|
| UPS 75   | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 85 lbs     | 120 lbs      | 75 GRD           | 27" x 10.33" x 24.91" |
| UPS 150  | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 90 lbs     | 125 lbs      | 150 GRD          | 27" x 10.33" x 24.91" |
| UPS 200  | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 85 lbs     | 120 lbs      | 200 GRD          | 27" x 10.33" x 24.91" |
| UPS 400  | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 280 lbs    | 315 lbs      | 400 GRD          | 25" x 13" x 42"       |
| UPS 625  | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 290 lbs    | 325 lbs      | 625 GRD          | 25" x 13" x 42"       |
| UPS 800  | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 295 lbs    | 330 lbs      | 800 GRD          | 25" x 13" x 42"       |
| UPS 1000 | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 305 lbs    | 340 lbs      | 1000 GRD         | 35" x 16.09" x 66.43" |
| UPS 1250 | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 310 lbs    | 345 lbs      | 1250 GRD         | 35" x 16.09" x 66.43" |
| UPS 1400 | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 310 lbs    | 345 lbs      | 1400 GRD         | 35" x 16.09" x 66.43" |
| UPS 2000 | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 315 lbs    | 350 lbs      | 2000 GRD         | 35" x 16.09" x 66.43" |
| UPS 2500 | 35-125 psi    | 34-110° F      | 120 VAC / 60hz    | MFS 15  | 320 lbs    | 355 lbs      | 2000 GRD         | 35" x 16.09" x 66.43" |

## STANDARD ULTRA PURE FEATURES

- Single Point Connection
- Light Weight Aluminum Cabinet
- Both Audible and Visual LED Alarms
- Advanced Systems Controller (400GPD or Larger)
- Dual PPM Monitor (RO and DI)
- Internal Leak Detection (400 GDP or Larger)
- Side mounted external pressure guages
- Quick release Pre-Filters
- Ultra Violet Light Sterilization
- Internal Flow Measuring Devices (400 GPD or Larger)
- Appropriately Size Pressurized Storage Tank
- Factory Supplied Powder Coated Mounting Brackets

## VALUES AND BENEFITS

- RODI Solutions tailored for Maximum cost effectiveness. No additional accessories or instrumentation to drive up costs
- Low energy Pre-Filters and Membranes save on reoccurring operational expenses
- Ultra Pure Systems offers a full online support page for system maintenance and installation
- Light weight Aluminum construction with both audible and visual alarms
- Built in America with high quality American Made components
- Simple straight forward installation design cuts costs associated with piping and initial setup.
- Available Factory Certified Start Up
- Query Code System (life of unit)

| MODELS                                | USP 75     | USP150     | USP200     | USP 400    | USP 625     | USP800     | USP 1000  | UPS 1250     | USP 1400     | USP 2000  | USP 2500  |
|---------------------------------------|------------|------------|------------|------------|-------------|------------|-----------|--------------|--------------|-----------|-----------|
| Membrane Quantity                     | 1          | 2          | 2          | 1          | 2           | 2          | 1         | 2            | 2            | 2         | 1         |
| Membrane Size(s)                      | 75 GPD     | 75 GPD     | 100 GPD    | 400 GPD    | 400/225 GPD | 400 GPD    | 1000 GPD  | 1000/250 GPD | 1000/400 GPD | 1000 GPD  | 2500 GPD  |
| Membrane Housing Type                 | n/a        | n/a        | PVC        | Stainless  | Stainless   | Stainless  | Stainless | Stainless    | Stainless    | Stainless | Stainless |
| Deionization Resin Quantity           | .33 CuFT   | .33 CuFT   | .33 CuFT   | .66 CuFT   | .66 CuFT    | .66 CuFT   | 1.25 CuFT | 1.25 CuFT    | 1.25 CuFT    | 2.2 CuFT  | 2.2 CuFT  |
| Motor Size                            | n/a        | n/a        | n/a        | .5 HP      | .5 HP       | .5 HP      | .5 HP     | .5 HP        | .5 HP        | .75 HP    | .75 HP    |
| Connection Size (Feed/Product/Reject) | 1/2"       | 1/2"       | 1/2"       | 1/2"       | 1/2"        | 1/2"       | 1/2"      | 1/2"         | 1/2"         | 1/2"      | 1/2"      |
| Carbon Pre-Filter (Quantity)/Size     | (2)/2"x12" | (2)/2"x12" | (2)/2"x12" | (2)/2"x17" | (2)/2"x17"  | (2)/2"x17" | (2)/20"   | (2)/20"      | (2)/20"      | (2)/20"   | (2)/20"   |
| Sediment Pre-Filter (Quantity)/Size   | (2)/2"x12" | (2)/2"x12" | (2)/2"x12" | (2)/2"x17" | (2)/2"x17"  | (2)/2"x17" | (2)/20"   | (2)/20"      | (2)/20"      | (2)/20"   | (2)/2"0"  |

As a leader in cirtical environment water treatment, our employees pride themselves on understanding the local water conditions in your area. Being knowledgeable on the various applications and environments allows us to deliver the perfect customized system to you and your customer. Please feel free to contact us at anytime with questions regarding the Ultra Pure Systems RODI cabinet solutions.



  
 800.729.5192 | [ultrapureus.com](http://ultrapureus.com)

US Patent # D780, 884 ; 780,885