VISTA RO _ C
50 GPD

DELIVER EXTREMELY CLEAN WATER TO YOUR CRITICAL PROCESS EQUIPMENT

UltraPure Systems Vista Reverse Osmosis Systems are completely contained in a sleek industrial grade cabinet with single point connections for ease of installation and placement virtually anywhere. Each unit has an integral 3-stage process to remove harmful substances, such as heavy metal ions and total dissolved solids, from domestic water sources. This purification process will convert municipal water to a consistently higher purity level water, suitable for multiple uses.
Neatly packed in a sturdy 1/2" welded HDPE plastic cabinet with a hinged door makes this single point connection system ideal for small reverse osmosis applications. At a glance, you can be assured with our City and RO battery back-up controller, that quality RO water is serving AND protecting your process and equipment investments.

Maintain and optimize your system's performance with our unique Query Code System. As a standard part of every system, this simple, friendly, powerful, no-cost mobile application enables customers to manage routine filter maintenance from anywhere, including on-site or remotely.

Benefits:

- Eliminate down time due to consumed filters (proactive vs. reactive)
- Stay ahead of the curve with automatically generated email notifications
- Predictable data budgeting annual filter costs
- No binding contracts or licensing fees required

(800) 729-5192

www.ultrapureus.com

US Patent # D780, 884 ; D780,885

ultra pure SYSTEMS

VISTA RO _ C 50 GPD

System Summary Vista RO_C 50GPD

3 Stage reverse osmosis process. The final purity of the water leaving the reverse osmosis system is dependent on incoming water, however once water levels exceed 150ppm reverse osmosis membrane should be replaced.
The Systems flow is rated at **50 gpd** +/- 15% based on 77° degree water, 100 psi applied pressure. 500 ppm NaCI softened filtered water.

Feed Pressure	Operating Temperature	Electrical Rating	Amp Max	Dry Weight	Total Weight
40-125 psi	40 - 100° F	120 VAC/60Hz	MFS 15	85lbs	120lbs

Stage 1 : Sediment Filter

Engineered to expanded volume and higher flow rates for commercial applications such as equipment protection. Each filter is pretested for maximum pressure and temperature.

Quantity Per Unit	1
Model Number	UPF_4289
Filter Dimensions	3.5” OD x 10” L
Rating	5 Micron
Max Operating Pressure	125 PSI
Operating Temperature	40 - 100F

Features and Benefits

- Protect equipment from hard water
- Large 3.5” W x 10” L
- Capacities of up to 20,000 gallons
- Two piece bayonet style replacement
- Best cost to performance ratio in the industry

Test Information: Housings and fittings have been tested for performance to NSF Standard 42. Tests included Hydro Static Testing at 300 psig and Cycle Testing of 100,000 repetitions from 0 to 150 psig. Filters have been tested and listed under Standard 42 for odor, and chlorine reduction; or particulate reduction; or have been materials certified. **Note:** Activated carbon filters are not intended to be used where the water is micro-biologically unsafe or with water of unknown quality without adequate disinfection before or after the unit.

Warranty Information: Filters are warrantied to be free from any defects in workmanship or materials. Further, the warranty provided applies, only when used with the product specifications and service life, from the date of install or 5 years from the date of manufacture whichever occurs first, beyond which time or use Ultra Pure Systems is absolved of any and all liability for any use of the product.

(800) 729-5192

www.ultrapureus.com

US Patent # D780, 884 ; D780,885

ultra pure SYSTEMS

VISTA RO _ C 50 GPD

Stage 2 : Carbon Filters

Engineered to expanded volume and higher flow rates for commercial applications such as equipment protection and water polishing. Each filter is pretested for maximum pressure and temperature.

Quantity Per Unit	2
Model Number	UPF_4290
Filter Dimensions	3.5” OD x 10” L
Rating	10 Micron
Max Operating Pressure	125 PSI
Operating Temperature	40 - 100F

Features and Benefits:

- Protect equipment from hard water
- Large 3.5” W x 10” L
- Capacities of up to 20,000 gallons
- Hefty flow rates up to 2 gal/min
- Two piece bayonet style replacement
- Best cost to performance ratio in the industry

Test Information: Housings and fittings have been tested for performance to NSF Standard 42. Tests included Hydro Static Testing at 300 psig and Cycle Testing of 100,000 repetitions from 0 to 150 psig. Filters have been tested and listed under Standard 42 for odor, and chlorine reduction; or particulate reduction; or have been materials certified. All filters should be installed on cold water lines. **Note:** Activated carbon filters are not intended to be used where the water is micro-biologically unsafe or with water of unknown quality without adequate disinfection before or after the unit.

Warranty Information: Filters are warrantied to be free from any defects in workmanship or materials. Further, the warranty provided applies, only when used with the product specifications and service life, from the date of install or 5 years from the date of manufacture whichever occurs first, beyond which time or use Ultra Pure Systems is absolved of any and all liability for any use of the product.

Stage 3 : Membrane Filter

50 GPD encapsulated RO membrane manufactured within an ISO:9001 semi–automated manufacturing facility and meet all performance and quality standards. The Encapsulated membrane has a high 1:1 ratio which means less waste.

Quanity Per Unit	1
Model Number	UPF_5290
Filter Dimensions	2.60”D x 12 3/4” L
pH Range	4 - 11
Max Operating Pressure	125 PSI
Operating Temperature	40 - 100F

Features and Benefits:

- Encapsulated RO Membrane
- High rejection stability at high TDS input
- Double the recovery over standard RO elements
- 100% dry membrane maximizing shelf life
- Industry best 1:1 rejection rate

Test Information: Encapsulated membranes have been tested for performance to NSF Standard 42. Filters and membrane elements are not to be installed on microbiological unsafe water supplies. Filters and membrane element performance can be affected by fluctuations in water quality.

ultra pure SYSTEMS

VISTA RO _ C 50 GPD

Product Water Storage Tank

The RO permeate water storage tank, made of superior materials and meeting the stringent standards of NSF 58. At the heart of the tank is a 100% butyl rubber diaphragm that has been post cured to eliminate any unwanted odors. Combined with a polypropylene liner it keeps system water contained in a sealed water chamber.

Total Volume	11Gallons
Total Capacity	8Gallons
Dimensions	15” OD x 23” T
Connection Size	3/4” Stainless Steel MPT
Weight	22lbs
Max Operating Pressure	125 PSI

Features and Benefits:

- Steel construction
- Exceeds NSF and ANSI standards
- Polypropylene Liner
- Enhanced bottom dome
- Rugged Poly Base
- 100% Butyl Diaphragm

Dual Display PPM Controller

The dual display battery powered PPM controller allows for continuous and simultaneous monitoring of the PPM levels on two different water lines (CITY & RO).

Range	0 - 999 ppm
Accuracy	+/- 2%
Dimensions	3.7” x 3.7” x 4.9”
Power Supply	Battery (2) LR 44G
Weight	.9oz

Features and Benefits:

- Simultaneous monitoring City & RO PPM
- Exceeds NSF standards

VISTA RO _ C 50 GPD

John Guest LLDPE Tubing

The John Guest PE range of plastic tubing is produced in Linear Low Density Polyethylene for cold and intermittent hot water applications. The tubing provides the benefits of a wide range of temperature and pressure suitability, broad chemical compatibility and is made from non contaminating materials. LLDPE is more robust than traditional low or medium density polyethylene and is recommended for use with cold and intermittent hot water. The tubing is made from FDA compliant materials and is NSF International certified.

Tube Tolerances	1/4" : +0.001/-0.004
Max Temperature	150°F
Tube Dimensions	1/4" OD - .170" ID
Weight	2lbs 1.1oz

Features and Benefits:

- FDA compliant materials
- Broad chemical compatibility
- Made from all non-contaminating materials
- Stronger than standard polyethylene tubing
- NSF International certified.

Internal Tubing Color Key

Yellow	Incoming City	Blue	Reverse Osmosis
Black	Reject		

John Guest "push-fit" Fittings

John Guest fittings are manufactured in gray acetal copolymer with RED safety clips attached to each fitting.

Standard Sizes	¼"

Features and Benefits:

- Push-fit technology
- Suitable for soft metal or plastic tubes
- Superior flow characteristics
- Quick disconnection without the need for tools

Diaphragm Pump - Standard

Weight	6 lbs
Dimensions	7.28" x 3.68" x 3.50"
Max Inlet Pressure	60psi
Max Water Temperature	100° F

Features and Benefits:

- Maintains 40-60psi tank pressure
- 3 Chamber Diaphragm Pump
- Self Priming
- NSF Standard 58
- Increased Membrane Efficiency

(800) 729-5192

www.ultrapureus.com

US Patent # D780, 884 ; D780,885

VISTA RO _ C
50 GPD

STORAGE TANK

(800) 729-5192

www.ultrapureus.com

US Patent # D780, 884 ; D780,885