

Disinfection and filtration all in one.

Ultraviolet sterilization and filtration products.

PURA®
WATER TREATMENT SYSTEMS



Hydrotech® 
Your clear choice in water treatment.

PURA® is the most technologically advanced Ultraviolet Water Treatment System available anywhere in the world. It had been designed with you, the consumer, in mind. PURA® products are lightweight, easy to use and simple to maintain. PURA® products will provide you with clean, disinfected drinking water for years to come.

- All PURA® products feature:
- Water disinfection greater than 99.9% kill rate
 - Easy to change lamp and filters
 - Lamp and ballast matched for quality assurance
 - Simple installation

UV1-EPCB Series™

The PURA UV1-EPCB Series™ is a bright example of PURA's patented All-In-One concept. This product combines both ultraviolet disinfection with carbon filtration all in a very attractive and compact system. The UV-1 series is rated for 1 gallon per minute and uses either a cyst rated 0.5 micron (EPCB) carbon block filter or a 10 micron (EPCB 10) carbon block filter (optional). This easy to install system can be used as a stand alone or in conjunction with other water treatment products.

Features:

- Compact size
- Standard voltage 115V

Options:

- 220V / 50 Hz
- 12V DC
- Carbon block 10 micron (EPCBX)



UVB Series™

PURA's patented UVB Series™ is designed to provide disinfected water at a flow rate of 2 gallons per minute. In addition to disinfection, water is filtered through our .5 micron Extended Pass Carbon Block (EPCB) filter, which also removes Cryptosporidium and Giardia Lamblia Cysts.

Our double and triple models provide you with additional filtration with sediment and activated carbon filters.

This compact All-in-One system installs with ease and can be used anywhere that clean, clear, good tasting disinfected water is needed. It is ideal for point-of-use applications like: under the kitchen sink, office water coolers, water vending machines, boats, recreational vehicles, etc.

Features:

- Electronic lamp indicator (LED)
- Standard voltage 115V

Options:

- 220V / 50 Hz
- 12V DC
- Lamp out Circuit (LOC) Safety Monitor for: Alarm or Solenoid shutoff



UV20™ Series

The PURA UV20™ Series is designed to provide disinfected water at a flow rate of 8 - 10 gallons per minute. This system is ideal for whole house water treatment. In addition to disinfection, the double and triple models provide filtration for the removal of sediment and chemical contaminants. This ultraviolet water treatment system makes a perfect companion to water softeners, distillers, reverse osmosis and ozone systems. The UV20 series has proven to be PURA's most popular product line and has created an industry standard in whole-house disinfection.

Features:

- Electronic lamp indicator (LED)
- Standard voltage 115V

Options:

- 220V / 50 Hz
- 12V DC
- Lamp out Circuit (LOC) Safety Monitor for: Alarm or Solenoid shutoff



UV Addon Series™

The PURA UV "ADDON" Series is designed to be an easy addition to water treatment systems that require ultraviolet disinfection (RO systems, holding tanks, water dispensers, recirculating systems and more). The "ADDON" systems are available with a 1 GPM or 3 GPM flow rate. They are constructed using a 304 grade stainless steel body with a molded head that includes 3/8" quick connect fittings on the inlet/outlet. This versatile system also includes a heavy duty mounting bracket, but will also fit standard 2" RO mounting clips. The UV "Addon" series can be used almost anywhere and is equipped with a unique power supply that makes installation simple, space requirements minimal and lamp changes easy.

Features:

- Standard voltage 115V
- 3/8" quick connect fittings

Options:

- 220V / 50 Hz
- 12V DC



UV BigBoy™ Series

The UV BigBoy™ Series is the most versatile commercial ultraviolet disinfection system on the market today. This 15 to 60 GPM series is manufactured with versatility in mind, and is virtually unlimited in the possible filter configurations and manifold sequences. The series is designed with the same traditional style that Pura has made an industry standard - worldwide.

One advantage of the UV BigBoy™ Series is the convenient manifold mounting rack. The rack can be used to configure up to four UV chambers in parallel or in series. This allows the user to achieve either a higher UV dosage or higher flow rate (up to 60 GPM). This mounting rack configuration provides easy access for cleaning and maintenance to the individual units without the need to shut down the entire water distribution line. The standard LED lamp monitor provides a visual verification the lamp is in operation.

The UV BigBoy™ Series, with its capacity, versatility and cost, is the world's most flexible, complete water disinfection system in its class.

Features:

- Electronic lamp indicator (LED)
- Standard voltage 115V

Options:

- 220V / 50 Hz
- 12V DC
- Bag filters
- Lamp out Circuit (LOC) Safety Monitor for: Alarm or Solenoid shutoff



Specifications & Performance UV1 Series

Item #	Model Description	# of sumps	Sump Type	Sump Content	Lamp #	Power Used	Flow Rates ⁽¹⁾ GPM (L/min)	Dimensions In. (cm) H x W x D	Shipping Wgt. Lbs. (Kg)	Inlet/Outlet Size
15012001	UV1-EPCB	1	#10SL	EPCB Carbon/UV	#10	10 Watts	1 (3.8)	13.5 x 5.0 x 5.0 (34.3 x 12.7 x 12.7)	7.0 (3.2)	1/2" NPT

Specifications & Performance UVB Series

Item #	Model Description	# of sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates ⁽¹⁾ GPM (L/min)	Dimensions In. (cm) H x W x D	Shipping Wgt. Lbs. (Kg)	Inlet/Outlet Size
15013001	UVB1-EPCB	1	#10	EPCB Carbon/UV	none	none	#11	14 Watts	2 (7.6)	15 x 5.5 x 5.5 (38.1 x 14 x 14)	10.0 (4.5)	3/8" NPT
15013206	UVB2-EPCB/SD	2	#10	5 Micron Sed Filter	EPCB Carbon/UV	none	#11	14 Watts	2 (7.6)	15 x 11 x 5.5 (38.1 x 27.9 x 14)	15.0 (6.8)	3/8" NPT
15013203	UVB3-EPCB/GC/SD	3	#10	5 Micron Sed Filter	Granular Carbon Filter	EPCB Carbon/UV	#11	14 Watts	2 (7.6)	15 x 16 x 5.5 (38.1 x 40.6 x 14)	24.0 (10.9)	3/8" NPT

Specifications & Performance UV20 Series

Item #	Model Description	# of sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates ⁽¹⁾ GPM (L/min)	Dimensions In. (cm) H x W x D	Shipping Wgt. Lbs. (Kg)	Inlet/Outlet Size
15016003	UV20-1	1	#20	UV	none	none	#20	22 Watts	10 (38)	25 x 5.5 x 5.5 (63.5 x 14 x 14)	16.0 (7.3)	3/4" NPT
15016205	UV20-2 SD	2	#20	5 Micron Sed Filter	UV	none	#20	22 Watts	10 (38)	25 x 11 x 5.5 (63.5 x 27.9 x 14)	23.0 (10.4)	3/4" NPT
15016201	UV20-2 CB	2	#20	10 Micron Carbon Block	UV	none	#20	22 Watts	8 (30)	25 x 11 x 5.5 (63.5 x 27.9 x 14)	25.0 (11.3)	3/4" NPT
15016304	UV20-3 SD/CB	3	#20	5 Micron Sed Filter	10 Micron Carbon Block	UV	#20	22 Watts	8 (30)	25 x 16 x 5.5 (63.5 x 40 x 14)	33.0 (15.0)	3/4" NPT

Specifications & Performance UV BigBoy Series

Item #	Model Description	# of sumps	Sump Type	Sump 1	Sump 2	Sump 3	Lamp #	Power Used	Flow Rates ⁽¹⁾ GPM (L/min)	Dimensions In. (cm) H x W x D	Shipping Wgt. Lbs. (Kg)	Inlet/Outlet Size
15017001	UVBB-1	1	#20BB	UV	none	none	#20	22 Watts	15 (57)	28 x 7.5 x 9.0 (71.1 x 19 x 22.9)	18.0 (8.2)	1-1/2" NPT
15017201	UVBB-2	2	#20BB	5 Micron Sed Filter	UV	none	#20	22 Watts	15 (57)	28 x 15 x 9.0 (71.1 x 38.1 x 22.9)	35.0 (15.9)	1-1/2" NPT
15017301	UVBB-3	3	#20BB	5 Micron Sed Filter	10 Micron Carbon Block	UV	#20	22 Watts	15 (57)	28 x 23 x 9.0 (71.1 x 58.4 x 22.9)	54.0 (24.5)	1-1/2" NPT

Specifications & Performance UV Addon Series

Item #	Model Description	# of sumps	Sump Type	Sump Content	Lamp #	Power Used	Flow Rates ⁽¹⁾ GPM (L/min)	Dimensions In. (cm) H x W x D	Shipping Wgt. Lbs. (Kg)	Inlet/Outlet Size
15011101	UV Addon-1	1	304 SS	UV	#10	10 Watts	1 (3.8) (30.5 x 10.2 x 8.9)	12 x 4 x 3.5 (2.3)	5.0	3/8" QC
15011301	UV Addon-3	1	304 SS	UV	#20	22 Watts	3 (11.4) (57.2 x 10.2 x 8.9)	22.5 x 4 x 3.5 (3.2)	7.0	3/8" QC

Specifications & Performance UV BigBoy Rack Series

Item #	Model Description	# of sumps	Sump Type	Sump 1	Sump 2	Sump 3	Sump 4	Lamp #	Power Used	Flow Rates ⁽¹⁾ GPM (L/min)	Dimensions In. (cm) H x W x D	Shipping Wgt. Lbs. (Kg)	Inlet/Outlet Size
15018001	UVBB-R1	4	#20BB	empty ⁽²⁾	empty	empty	UV	#20	22 Watts	15 (57)	45 x 34 x 18 (114.3 x 86.36 x 45.7)	65.0 (29.5)	1-1/2" NPT
15018201	UVBB-R2	4	#20BB	empty	empty	UV	UV	#20	44 Watts	30 (114)	45 x 34 x 18 (114.3 x 86.36 x 45.7)	75.0 (34.0)	1-1/2" NPT
15018401	UVBB-R4	4	#20BB	UV	UV	UV	UV	#20	88 Watts	60 (227)	45 x 34 x 18 (114.3 x 86.36 x 45.7)	91.0 (41.3)	1-1/2" NPT

Conditions For Use

Source Water Supply Profile		Chemical Parameters	Max mg/L
Feed Water Pressure [†]	20 – 75psig (138 – 517kPa)	Hardness (CaCO ₃)	< 120
Feed Water Temperature	38° – 105°F (3.3° – 40.5°C)	Iron (Fe)	< 0.3
pH Range	6.5 – 9.5	Manganese (Mn)	< 0.05
Total Dissolved Solids	< 1500 mg/L	[†] Water Pressure must not exceed 75 psig (517 kPa) or a pressure regulator must be installed.	
Total Suspended Solids	< 10 mg/L		
Turbidity	< 5 NTU		

- Notes: a. ⁽¹⁾ All flow rates shown will provide a UV dose of no less than 16,000 μW-s/cm² or greater.
 b. ⁽²⁾ Empty sumps on UVBB-Rack systems can be filled with a wide variety of optional cartridges.
 c. EPCB refers to Extended Pass Carbon Block filter.

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