



PURA™ Ultraviolet Disinfection Systems: UV EPCB™ Series

PURA Product's UV1-EPCB Series is a bright example of PURA Product'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 0.5 micron (EPCB) carbon block filter or a 10 micron (EPCB 10) carbon block filter. 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/50Hz (2-Prong Euro plug)
- 12V DC

Specifications & Performance UV1-EPCB 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 |
|----------|-------------------|------------|-----------|-------------------|--------|------------|--|--|----------------------------|----------------------|
| 15910111 | 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 |

Notes: EPCB refers to Extended Pass Carbon Block filter

(1) All flow rates shown will provide a UV dose of no less than 16,000 mW-s/cm2 or greater.

Conditions For Use

| Source Water Supply Profile | Chemical Parameters | Max mg/L | |
|-----------------------------|-----------------------------|---|---------------|
| Feed Water Pressure† | 20 – 75psig (1.38 – 517kPa) | Hardness (CaCO3) | < 120 (7 GPG) |
| 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 | | |

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All PURA Products feature:

- Water disinfection
- Easy to change lamp and filters
- Lamp and ballast matched for quality assurance
- Simple installation

These systems are for the supplemental treatment of disinfected drinking water which has been treated or other drinking water which has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. These systems are designed to reduce normally occurring non-pathogenic nuisance organisms and is not intended for the treatment of contaminated water. The contaminants and other substances reduced by this water treatment device are not necessarily in your water. In addition, the presence of certain contaminants in your drinking water does not necessarily pose a health risk.

PURA™ Ultraviolet Disinfection Systems: UV ADDON Series

PURA Product's 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:

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



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 |
|----------|-------------------|------------|-----------|--------------|--------|------------|---------------------------------------|---------------------------------------|-------------------------|-------------------|
| 15510100 | UV ADDON-1 | 1 | 304 SS | UV | #10 | 10 Watts | 1 (3.8) | 12 x 4 x 3.5 (30.5 x 10.2 x 8.9) | 5.0 (2.3) | 3/8" QC |
| 15530100 | UV ADDON-3 | 1 | 304 SS | UV | #20 | 22 Watts | 3 (11.4) | 22.5 x 4 x 3.5 (57.2 x 10.2 x 8.9) | 7.0 (3.2) | 3/8" QC |

Notes: (1) All flow rates shown will provide a UV dose of no less than 16,000 mW-s/cm² or greater.

Conditions For Use

| Source Water Supply Profile | | Chemical Parameters | Max mg/L |
|----------------------------------|-----------------------------|--|---------------|
| Feed Water Pressure [†] | 20 – 75psig (138 – 517kPa) | Hardness (CaCO ₃) | < 120 (7 GPG) |
| 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 | | |

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