



# SANITRON®

## GERMICIDAL ULTRAVIOLET WATER PURIFIERS



S37C



- Type 316 stainless steel, electropolished and passivated
- **EASY-OFF™** End Cap for effortless lamp change
- Drain Plug for draining the purifier chamber
- Sight Port for viewing germicidal lamp operation
- Removable flared head for easy disassembly
- Patented Wiper Mechanism for quartz sleeve cleaning
- UL Approved **Surelite™** Ballast
- NSF Certified to NSF®/ANSI 61 & 372

- S17A** - 3 gallons per minute / 180 gallons per hour
- S23A** - 6 gallons per minute / 360 gallons per hour
- S37C** - 12 gallons per minute / 720 gallons per hour 
- S50C** - 20 gallons per minute / 1,200 gallons per hour 

*Contact a UV Application Specialist for your Clear Wastewater Application*

| Model   | Gallons Per Minute | Gallons Per Hour | Inlet and Outlet<br>① | Replacement Lamps | Power Consumption<br>② | Dimensions (Inches) |                     |                    | Shipping Data (lbs.) |         |
|---|--------------------|------------------|-----------------------|-------------------|------------------------|---------------------|---------------------|--------------------|----------------------|---------|
|   |                    |                  |                       |                   |                        | Length              | Width               | Height             | Gross Wt.            | Net Wt. |
| S17A  | 3                  | 180              | 3/4" MNPT             | 05-1098-R         | 18 Watts               | 17-3/8<br>(441 mm)  | 4-5/16<br>(110 mm)  | 8-3/16<br>(208 mm) | 11                   | 8       |
| S23A  | 6                  | 360              | 3/4" MNPT             | 05-1097-R         | 25 Watts               | 23-3/8<br>(594 mm)  | 4-5/16<br>(110 mm)  | 8-3/16<br>(208 mm) | 13                   | 12      |
|  S37C | 12                 | 720              | 1" MNPT               | 05-1343-R         | 48 Watts               | 37-3/8<br>(949 mm)  | 5-11/16<br>(144 mm) | 9-1/2<br>(241 mm)  | 25                   | 25      |
|  S50C | 20                 | 1,200            | 1-1/2" MNPT           | 05-1334-R         | 65 Watts               | 50-3/8<br>(1280 mm) | 5-11/16<br>(144 mm) | 9-1/2<br>(241 mm)  | 34                   | 29      |

Note: When used as directed to disinfect clear water, **SANITRON®** Water Purifiers provide an ultraviolet dosage in excess of 30,000 microwatt seconds per square centimeter ( $\mu\text{WSec}/\text{cm}^2$ ).

- ① All inlets and outlets are male pipe threads.
- ② Total power consumption including ballast loss.

 Certified to NSF®/ANSI 61 & 372

- Maximum recommended operating pressure for all purifiers is 100 PSI.
- Pressure drop at maximum recommended flow rate is less than 5 PSI.
- Flow rates are based on Maximum Concentration Levels.
- 120 Volt and 220 Volt models are standard.
- 12 and 24 Volt models are also available for S17A, S23A and S37C
- **SANITRON®** is available for operation on public power supplied throughout the world.
- Consult factory with specific power requirements.
- Model S2400C is available with alternate inlet/outlet fittings.



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# SANITRON®

## GERMICIDAL ULTRAVIOLET WATER PURIFIERS

**S2400C** - 40 gallons per minute /  
2,400 gallons per hour



S2400C

- 40 to 416 gallons per minute (2,400 to 25,000 gallons per hour)
- Multiple S2400C units can be plumbed for higher flow rates
- Type 316 Stainless Steel, electropolished and passivated
- **EASY-OFF™** End Cap for effortless lamp change
- Drain Plug for draining the purifier chamber
- Sight Port for viewing germicidal lamp operation
- Removable flared heads for easy disassembly
- Patented Wiper Mechanism for quartz sleeve cleaning
- Flared heads can be rotated to accommodate irregular plumbing
- UL Approved **Surelite™** Ballast
- Gross Weight 40 lbs

- Our Model S2400C, which is certified to NSF®/ANSI 61 & 372, is used to build Models S5,000C through S25,000C in modular form
- Models S2400C through S25,000C are available with alternate inlet/outlet fittings



**Contact a UV Application Specialist for your Clear Wastewater Application**

| Model      | Gallons Per Minute | Gallons Per Hour | Inlet and Outlet<br>⑥ | Replacement Lamps | Power Consumption<br>⑦ | Dimensions (Inches) |                    |                    | Shipping Data (lbs.) |         |
|------------|--------------------|------------------|-----------------------|-------------------|------------------------|---------------------|--------------------|--------------------|----------------------|---------|
|            |                    |                  |                       |                   |                        | Length              | Width              | Height             | Gross Wt.            | Net Wt. |
| NSF S2400C | 40                 | 2,400            | 2" MNPT               | 05-1311-R         | 140 Watts              | 52-1/8<br>(1324 mm) | 6-5/8<br>(168 mm)  | 11-1/8<br>(283 mm) | 40                   | 36      |
| S5,000C ①  | 83                 | 5,000            | 2" MNPT               | 05-1311-R (2)     | 280 Watts              | 52-1/8<br>(1324 mm) | 17<br>(432 mm)     | 15<br>(381 mm)     | 116                  | 85      |
| S10,000C ② | 166                | 10,000           | 2" MNPT               | 05-1311-R (4)     | 560 Watts              | 52-1/8<br>(1324 mm) | 21-1/8<br>(537 mm) | 34¾<br>(883 mm)    | 267                  | 188     |
| S15,000C ③ | 250                | 15,000           | 2" MNPT               | 05-1311-R (6)     | 840 Watts              | 52-1/8<br>(1324 mm) | 21-1/8<br>(537 mm) | 53¾<br>(1365 mm)   | 400                  | 263     |
| S20,000C ④ | 333                | 20,000           | 2" MNPT               | 05-1311-R (8)     | 1120 Watts             | 52-1/8<br>(1324 mm) | 21-1/8<br>(537 mm) | 71¾<br>(1822 mm)   | 534                  | 396     |
| S25,000C ⑤ | 416                | 25,000           | 2" MNPT               | 05-1311-R (10)    | 1400 Watts             | 52-1/8<br>(1324 mm) | 21-1/8<br>(537 mm) | 90¾<br>(2305 mm)   | 670                  | 520     |

Note: When used as directed to disinfect clear water, **SANITRON®** Water Purifiers provide an ultraviolet dosage in excess of 30,000 microwatt seconds per square centimeter ( $\mu\text{WSec}/\text{cm}^2$ ).

- ① Two S2400C's connected in series, 1 inlet and 1 outlet.
- ② Two S5,000C's connected in parallel, 2 inlets and 2 outlets.
- ③ Three S5,000C's connected in parallel, 3 inlets and 3 outlets.
- ④ Four S5,000C's connected in parallel, 4 inlets and 4 outlets.
- ⑤ Five S5,000C's connected in parallel, 5 inlets and 5 outlets.
- ⑥ All inlets and outlets are male pipe threads.
- ⑦ Total power consumption including ballast loss.

- Maximum recommended operating pressure for all purifiers is 100 PSI.
- Pressure drop at maximum recommended flow rate is less than 5 PSI.
- Flow rates are based on Maximum Concentration Levels, shown on page 8.
- 120 Volt and 220 Volt models are standard.
- **SANITRON®** is available for operation on public power supplied throughout the world.
- Consult factory with specific power requirements.
- Models S2400C through S25,000C are available with alternate inlet/outlet fittings.



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