



# SNOWPURE

## Water Technologies

### SnowPure Energy Saving Ultraviolet Product Family

#### UV Reactors

PRODUCT NAME	DISINFECTION FLOW * 30 mJ/cm <sup>2</sup>	DISINFECTION FLOW * 40 mJ/cm <sup>2</sup>	TOC DESTRUCT FLOW ** 300 mJ/cm <sup>2</sup>	# BULBS ( POWER )	NOMINAL REACTOR SIZE
SPUV2-07	7 m <sup>3</sup> /h 30 gpm	6 25	2.2 10	1 ( 100 W )	609 x 158 x 208 mm 24.0 x 6.2 x 8.2 in
SPUV2-09	9 m <sup>3</sup> /h 40 gpm	9 37	3.4 15	1 ( 160 W )	762 x 158 x 208 mm 30.0 x 6.2 x 8.2 in
SPUV2-15	15 m <sup>3</sup> /h 65 gpm	11 50	4.5 20	1 ( 150 W )	1014 x 158 x 208 mm 39.9 x 6.2 x 8.2 in
SPUV3-23	23 m <sup>3</sup> /h 100 gpm	17 75		1 ( 100 W )	590 x 189 x 230 mm 23.2 x 7.4 x 9.0 in
SPUV3-34	34 m <sup>3</sup> /h 150 gpm	25 115		1 ( 120 W )	765 x 189 x 230 mm 30.1 x 7.4 x 9.0 in
SPUV3-45	45 m <sup>3</sup> /h 200 gpm	37 175		1 ( 120 W )	1019 x 189 x 230 mm 40.1 x 7.4 x 9.0 in
SPUV4-52	52 m <sup>3</sup> /h 225 gpm	50 225		2 ( 240 W )	776 x 201 x 290 mm 30.6 x 7.9 x 11.4 in
SPUV4-75	75 m <sup>3</sup> /h 325 gpm	85 375		2 ( 300 W )	1030 x 201 x 290 mm 40.6 x 7.9 x 11.4 in
SPUVT-222	2.3 m <sup>3</sup> /h 10 gpm			1 ( 100 W )	609 x 158 x 208 mm 24.0 x 6.2 x 8.2 in
SPUVT-228	3.4 m <sup>3</sup> /h 15 gpm			1 ( 120 W )	762 x 158 x 208 mm 30.0 x 6.2 x 8.2 in
SPUVT-238	4.5 m <sup>3</sup> /h 20 gpm			1 ( 150 W )	1014 x 158 x 208 mm 39.9 x 6.2 x 8.2 in

#### UV Accessories

PART	DESCRIPTION	STANDARD	OPTIONAL
SPUV Reactors	Novel, Reflecting Reflex Coating	316SS, R <sub>a</sub> 15, Sanitary, Viton	Flange, NPT, Swage
SPUV-CU4-x	UV Controller	NEMA 4X, Local/Remote	x = 1-4 reactors controlled
SPUV-IM	UV Intensity Monitor	NIST traceable	Annual Calibration Exchange
Replacement	254 lamp kit	LP amalgam, 9000 hrs	
Replacement	185/254 lamp kit	LP amalgam, 9000 hrs	
Replacement	Quartz Inner Sleeve	Viton seals	
Cleaning Kit	Cleaning Kit	Chemical/Mechanical	

## Electropure™ EDI Technology

- No concentrate recirculation or brine injection
- Thin-Cell efficient technology
- Thin-Concentrate non-scaling technology
- Unique non-scaling electrode system
- Patented Excellion™ membranes

## Doing business with SnowPure

- Electropure™ EDI technology was born in 1977, before Ionpure
- SnowPure is privately held
- SnowPure is your partner, not a competitor
- High quality Electropure™ EDI training and OEM support

## Benefits of Using EDI

- Continuous Process-no upsets
- Operating cost is minimized
- No hazardous waste, no associated costs and risks
- No regeneration acid or caustic
- Flexible—easy to expand a modular EDI system
- Reliable—no recirculation system components to fail

## EDI Technology Training and OEM System Design Support

- SnowPure believes strongly in training—this helps ensure field success with Electropure™ EDI systems.
- SnowPure assists new OEM customers through their system design phase.
- Our customers also have access to our Best Practices P&ID's to aid in their EDI system optimization.
- Combined with ongoing Technical Service, we help ensure success.



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