

## 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
SPUV-8	8 m <sup>3</sup> /h 35 gpm	6 25	2.2 10	1 ( 80 W )	50 x 560 mm 2 x 22 in
SPUV-11	11 m <sup>3</sup> /h 50 gpm	9 37	3.4 15	1 ( 100 W )	50 x 710 mm 2 x 28 in
SPUV-15	15 m <sup>3</sup> /h 65 gpm	11 50	4.5 20	1 ( 125 W )	50 x 970 mm 2 x 38 in
SPUV-23	23 m <sup>3</sup> /h 100 gpm	17 75	NR	1 ( 80 W )	75 x 560 mm 3 x 22 in
SPUV-34	34 m <sup>3</sup> /h 150 gpm	25 115	NR	1 ( 100 W )	75 x 710 mm 3 x 28 in
SPUV-50	50 m <sup>3</sup> /h 225 gpm	37 175	NR	1 ( 125 W )	75 x 970 mm 3 x 38 in
SPUV-68	68 m <sup>3</sup> /h 300 gpm	50 225	NR	2 ( 160 W )	100 x 710 mm 4 x 28 in
SPUV-112	112 m <sup>3</sup> /h 500 gpm	85 375	NR	2 ( 200 W )	100 x 970 mm 4 x 38 in

### UV Accessories

PART	DESCRIPTION	STANDARD	OPTIONAL
SPUV Reactors		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	Chemical/Mechanical	

## Electropure™ EDI Technology

- Simpler Systems—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, done either during the OEM training or during the design process. Support includes reviews of P&I diagrams and feedwater requirements.
- Combined with ongoing Technical Service, we help ensure success.

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