

ETS-UV™

an EVOQUA brand

ULTRAVIOLET DISINFECTION FOR DRINKING WATER

Product Summary

ETS-UV™ PRODUCTS	ECP MODEL	ECF MODEL	SX MODEL
Lamp Type	Medium pressure	Medium pressure	Medium pressure
Lamp Powers	1.3 kW	1.0 kW to 3.0 kW	2.5 kW to 7.3 kW
Lamp Operating Levels	50% to 100%	50% to 100%	50% to 100%
Number of Lamps	1	2 or 4	2 to 18
Lamp Connections	Double ended	Double ended	Single ended
Lamp Configuration	Horizontal and perpendicular to flow	Horizontal and perpendicular to flow	Horizontal and perpendicular to flow
Expected Lamp Life	8,000 hours	8,000 hours	8,000 hours
Expected Sleeve Life	5 years	5 years	5 years
Chamber Flange Size	3 inches	4 to 12 inches	8 to 30 inches
Automatic Mechanical Wiper	Standard	Standard	Standard
UV Intensity Monitor	Absolute	Absolute	Absolute
Temperature Sensor	Standard	Standard	Standard
Operating Pressure*	150 psi	150 psi	150 psi
Chamber Installation	Horizontal or vertical	Horizontal or vertical	Horizontal or vertical
Flow Ranges	50 gpm to 260 gpm	16 gpm to 3.2 MGD	96 gpm to 30+ MGD
Validation Protocol	USEPA UVDGM	USEPA UVDGM	USEPA UVDGM
Surrogate Validated	MS2	MS2	MS2 and T1
Cabinet Configuration	Wall mounted	Wall mounted	Wall mounted or free standing
Cabinet Rating*	NEMA 12	NEMA 12	NEMA 12
Lamp Power Supply	Choke/Thyristor	Choke/Thyristor	Choke/Thyristor or Transformer/Capacitors
Expected Power Supply	10+ years	10+ years	10+ years
Incoming Power Supply*	220V, single-phase, 60 Hz	480V, three-phase, 60 Hz	480V, three-phase, 60 Hz
Operational Temperature	32°-113°F	32°-113°F	32°-113°F

*other may be available



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