

# ULTRAVIOLET SYSTEMS

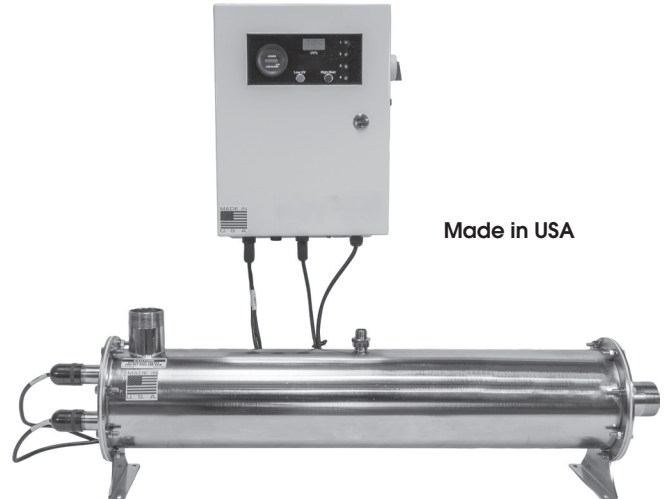


## UVMP HIGH OUTPUT SERIES ULTRAVIOLET SYSTEMS COMMERCIAL / INDUSTRIAL

SWT's UVMP High Output Series UV Systems are built with an innovative modular design for easy field expansion. These premium systems are specifically intended for a wide range of commercial and industrial applications including disinfection, ozone destruction, and TOC reduction. Each system is engineered to provide optimized flow and retention time to inactivate bacteria by up to 99.9%. With dosage levels of 30 mJ/cm<sup>2</sup> or higher at rated flow, these units assure effective UV treatment.

### Standard Features

- 316L electropolished and passivated stainless steel treatment chamber
- 100 psi maximum operating pressure
- Remote power enclosure with viewing window
- Elapsed running time meter
- LED UV lamp status indicators
- 254nm or 185nm high output UV lamps with 10,000 hour lamp life
- Vertical or horizontal mounting
- Electronic power supply
- 120V 50-60Hz



Made in USA

### Options

- 150 psi maximum operating pressure
- Manual quartz sleeve wiper system
- Ultraviolet monitor with 0-100% UV intensity display
- 4-20mA linear output
- High heat shutoff
- Remote 304 stainless steel enclosure with viewing window
- 220V/240V 50-60HZ

### UVMP High Output Series Ultraviolet Systems

Part Number *	Inlet/Outlet Connections	Number of Lamps	Total Lamp Watts	Flow Rate **		Dimensions Inches (L x W x H)
				Clear, Fresh Water	RO/DI Water	
UVMP1-N	2 inch MNPT	1	80 W	35 gpm	40 gpm	39.17 x 8.25 x 11.88
UVMP1-F	2 inch Flange					40.50 x 8.25 x 13.18
UVMP1-S	2 inch Sanitary					39.17 x 8.25 x 11.88
UVMP2-N	2 inch MNPT	2	160 W	70 gpm	84 gpm	39.17 x 8.25 x 11.88
UVMP2-F	2 inch Flange					40.50 x 8.25 x 13.18
UVMP2-S	2 inch Sanitary					39.17 x 8.25 x 11.88
UVMP3-F	3 inch Flange	3	240 W	115 gpm	135 gpm	41.20 x 8.27 x 13.75
UVMP3-S	3 inch Sanitary					40.03 x 8.27 x 12.77
UVMP4-F	3 inch Flange	4	320 W	150 gpm	180 gpm	41.20 x 8.27 x 13.75
UVMP4-S	3 inch Sanitary					40.03 x 8.27 x 12.77

\* High Output TOC Reduction UV Systems available. Add "-TOC" to end of part number.  
High Output Ozone Destruction UV Systems available. Add "-O3D" to end of part number.

\*\* Flow rates are based on 95% UVT for clear fresh water, 99% UVT for RO or DI water, and EOL dosage of 30 mJ/cm<sup>2</sup> or higher at rated flow.

# ULTRAVIOLET SYSTEMS



## UVMP AMALGAM SERIES ULTRAVIOLET SYSTEMS COMMERCIAL / INDUSTRIAL

SWT's UVMP Amalgam Series UV Systems are built with an innovative modular design for easy field expansion. These premium systems are specifically intended for a wide range of commercial and industrial applications including disinfection, and ozone destruction. Each system is engineered to provide optimized flow and retention time to reduce bacteria by up to 99.9%. With dosage levels of 30 mJ/cm<sup>2</sup> or higher at rated flow, these units assure effective UV treatment.

### Standard Features

- 316L electropolished and passivated stainless steel treatment chamber
- 150 psi maximum operating pressure
- Remote 304 stainless steel enclosure with viewing window
- Elapsed running time meter
- LED UV lamp status indicators
- Amalgam UV lamps with 10,000 hour lamp life
- Vertical or horizontal mounting
- 120V 50-60Hz



Made in USA

### Options

- Ultraviolet monitor with 0-100% UV intensity display
- 4-20mA linear output
- High heat shutoff
- 220V/240V 50-60HZ

### UVMP Amalgam Series Ultraviolet Systems

Part Number *	Inlet/Outlet Connections	Number of Lamps	Total Lamp Watts	Flow Rate **		Dimensions Inches (L x W x H)
				Clear, Fresh Water	RO/DI Water	
UVMP2A-F	3 inch Flange	2	240 W	110 gpm	125 gpm	40.50 x 8.25 x 13.18
UVMP2A-S	3 inch Sanitary					39.17 x 8.25 x 11.88
UVMP3A-F	3 inch Flange	3	360 W	200 gpm	235 gpm	41.20 x 8.27 x 13.75
UVMP3A-S	3 inch Sanitary					40.03 x 8.27 x 12.77
UVMP4A-F	3 inch Flange	4	480 W	Call	Call	41.20 x 8.27 x 13.75
UVMP4A-S	3 inch Sanitary					40.03 x 8.27 x 12.77

\* Amalgam Ozone Destruction UV Systems available. Add "-O3D" to end of part number.

\*\* Flow rates are based on 95% UVT for clear fresh water, 99% UVT for RO or DI water, and EOL dosage of 30 mJ/cm<sup>2</sup> or higher at rated flow.