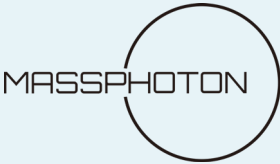


SPECIFICATIONS

Shown modules are for reference only. Custom designs available for various applications and installation constraints.



Key Features & Advantages



Efficient Disinfection



Mercury-free Eco



No Secondary Pollution



Instant On



Long Lifespan



Low Maintenance



Stable performance



Multi-scenario Use

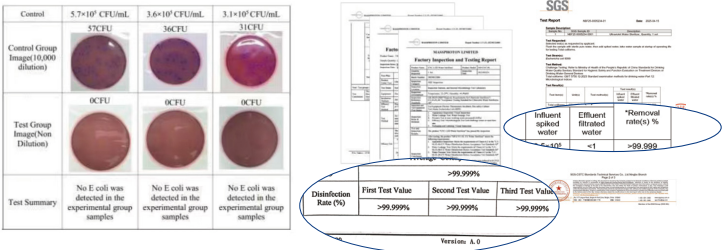
Model	MP-UVC-2LB	MP-UVC-4LB	MP-UVC-10LB	MP-UVC-16LB	MP-UVC-24LB	MP-UVC-45LB	MP-UVC-4LC	MP-UVC-10LC	MP-UVC-48LC	MP-UVC-70LP	MP-UVC-200LP
Rated Flow	2 L/min (0.5 GPM)	4 L/min (1 GPM)	10 L/min (2.6 GPM)	16 L/min (4 GPM)	24 L/min (6 GPM)	45 L/min	L/min (1 GPM)	10 L/min (2.6 GPM)	48 L/min (12 GPM)	70 L/min (4.2TPH)	200 L/min (12 TPH)
Total Power	3 W	7 W	11 W	19 W	11 W	26 W	7 W	10 W	26 W	49 W	65 W
UVC LED Wavelength	270-280 nm	270-280 nm	270-280 nm	270-280 nm	270-280 nm	270-280 nm	270-280 nm	270-280 nm	270-280 nm	270-280 nm	270-280 nm
UVC LED Lifespan	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours	≥15000 hours
Disinfection Efficiency	(*) Up to 99.999% or 5.0 log reduction (*)					(*) Up to 99.999% or 5.0 log reduction (*)					
Pipe Connection	OD 8.5mm Barb	1/4" Quick Connect	1/2" Thread	1/2" Thread	1/2" thread	1" thread	1/4" quick connect	1/2" thread	1" thread	1" thread	1" thread
Max Inlet Pressure	0.2 MPa (30 psi)	0.4 MPa (60 psi)	0.4 MPa (60 psi)	0.8 MPa(120 psi)	0.4 MPa(60 psi)	0.8 MPa(120 psi)	0.4 MPa(60 psi)	0.4 MPa(60 psi)	0.8 MPa(120 psi)	0.8 MPa(120 psi)	0.8 MPa(120 psi)
Operating Temp Range	4℃-60℃	4℃-60℃	4℃-60℃	4℃-60℃	4℃-60℃	5℃-40℃	4℃-60℃	4℃-60℃	5℃-40℃	5℃-40℃	5℃-40℃
Dimensions (mm)	Φ18*43*121mm (0.7 in * 1.7 in * 4.8 in)	Φ 25.4 *130mm (Φ1.0 in × 5.1 in)	Φ 35 * 185mm (Φ1.4 in * 7.3 in)	Φ 35 mm × 229 mm (Φ1.4 in * 9 in)	Φ 35× 279 mm (Φ1.4 in * 11 in)	Φ 70 ×338.5 mm (Φ2.8 in× 13.3 in)	Φ 42 ×252 mm (Φ1.7 in * 9.9 in)	Φ 42*42*225mm (1.7 in * 1.7 in * 8.6 in)	Φ 70 * 338.5 mm (Φ2.8 in * 13.3 in)	Φ 84 * 485 mm (Φ3.3 in * 18 in)	Φ 84 * 485 mm (Φ3.3 in * 18 in)
Material	FG PP	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	SS	Aluminum	Aluminum	Aluminum	Aluminum

(*) Actual Disinfection efficiency depends on water quality
Test conditions: Test strain E. coli (8099), dechlorinated sterile water with concentration of 5×10⁴ ~ 5×10⁵ CFU/mL

pH	UV Transmittance	Turbidity	Temperature	TDS
7.5±0.5	98+/-2%	< 1.0 NTU	20+/-2.5℃(68+/-5 °F)	200 - 500 mg / L

100% Disinfection Efficacy Test

Industry Exclusive! 100% single-tube testing for all UV disinfection modules. Each comes with a unique serial-numbered test report.



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