

# Matala®

"Make water alive"

## ***SPECTRUM UVC***

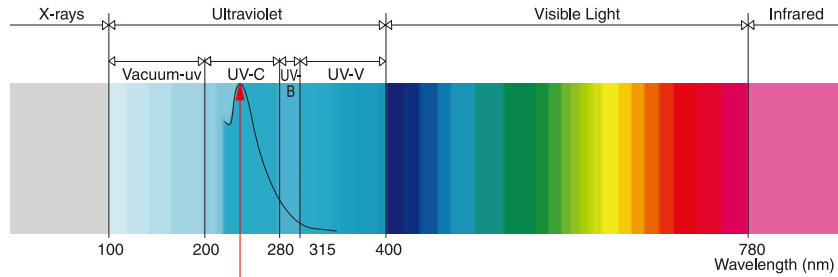
***the Silver Bullet***



### **ADVANTAGES:**

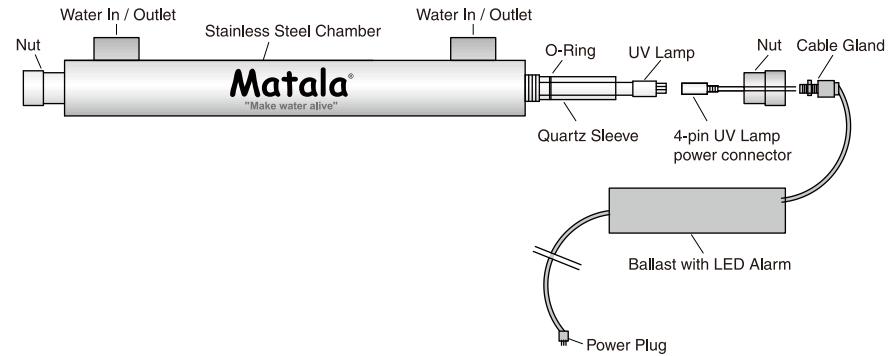
- High quality lamp and quartz sleeve maintains high output of 254nm.
- Quick and simple installation.
- Long service life requires little maintenance.
- Visual LED display indicates when unit needs service.
- Polished stainless steel reactor chamber, high UV reflection.
- No chemicals added, environmentally safe.
- Helps to control pathogenic microorganisms.

## WORKING PRINCIPLE:



- High UVC output 254nm.
- Effective curve for microorganism inactivation.

## STRUCTURE:



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## \* SPECIFICATIONS:

Model (Product Code)		SS-L16W	SS-L25W	SS-L40WT	SS-L75WT(HO)	SS-L40W	SS-L75W(HO)	SS-L150W(HO)	SS-L300W(HO)
Pond Applications	Peak Flow Rate Up to	160 GPH 605 LPH	240 GPH 910 LPH	1,320 GPH 5,000 LPH	2,400 GPH 9,000 LPH	1,800 GPH 7,000 LPH	3,100 GPH 12,000 LPH	6,500 GPH 24,600 LPH	12,000 GPH 45,300 LPH
	* Max. Suggested Pond Size	480 Gal 1,815 L	720 Gal 2,880 L	4,000 Gal 15,000 L	7,130 Gal 27,000 L	5,500 Gal 21,000 L	10,500 Gal 39,700 L	19,500 Gal 73,800 L	30,000 Gal 113,400 L
Wastewater Applications	Flow Rate (30mJ/cm <sup>2</sup> )	100 GPH	245 GPH	864 GPH	1,440 GPH	1,180 GPH	1,969 GPH	3,828 GPH	7,194 GPH
	Flow Rate (30mJ/cm <sup>2</sup> )	379 LPH	927 LPH	3,271 LPH	5,452 LPH	4,472 LPH	7,453 LPH	14,489 LPH	27,230 LPH
UV Lamp / Ballast Watt		16W	25W	40W	75W	40W	75W	150W	150W x 2
Chamber Dimensions: Dia. x L (in) (mm)		Ø2-1/2x14.2 Ø64x360	Ø2-1/2x24.0 Ø64x610	Ø2-1/2x35.4 Ø64x900		Ø3.5x35.4 Ø89x900		Ø3.9x35.4 Ø100x900	Ø5.5x35.4 Ø140x900
Inlet / Outlet Ports		1-1/4" Outside thread (PT/NPT)	1-1/2" Outside thread (PT/NPT)		2" Outside thread (PT/NPT)				
Voltage		100V~120V , 220V~240V, 50 / 60Hz							
Chamber Material / Max. Pressure (Psi)		304 Stainless Steel / 125PSI							
UV Rated Lamp Life		up to 9000 hours / With LED Lamp Failure Warning System							
<b>SPARE PARTS</b>									
UV Lamp		TUV16T5 4P-SE	TUV25T5 4P-SE	TUV36T5 4P-SE	TUV36HOT5 4P-SE	TUV36T5 4P-SE	TUV36HOT5 4P-SE		
Quartz Sleeve		QS-L16W	QS-L25W	QS-L40/300W					
Oring		Oring							

• The above specifications are subject to change without prior notice.

\* Suggested pond size depends on filter size, fish load, sunshine and plant coverage. Multiply pond gallon x0.70 for extreme conditions.

## MATALA WATER TECHNOLOGY CO., LTD.

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