

# Matala<sup>®</sup>

" Makes water alive "

## **SPECTRUM UVC**

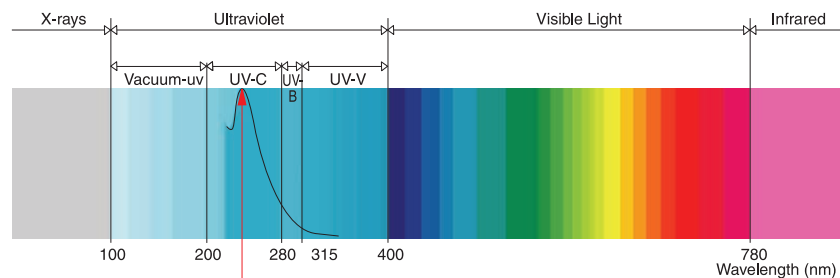
### *the Silver Bullet*



### **ADVANTAGES:**

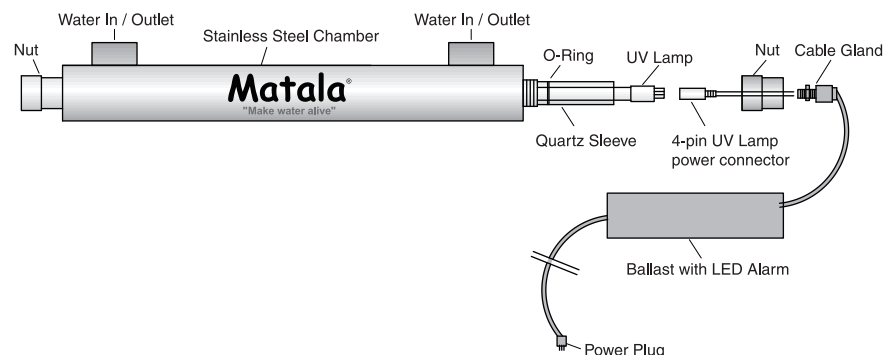
- High quality lamp and quartz sleeve maintains high output of 254nm.
- Quick and simple installation.
- Long service life requires little maintenance.
- Visual LED display indicates when unit needs service.
- Polished stainless steel reactor chamber, high UV reflection.
- No chemicals added, environmentally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

## WORKING PRINCIPLE:



- Effective curve for micro-organism inactivation
- UVC output 254 nm for maximum disinfection of algae, bacteria, viruses etc.

## STRUCTURE:



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## \* SPECIFICATIONS:

Model (Product Code)		SS-L25W	SS-L40WT	SS-L75WT(HO)	SS-L40W	SS-L75W(HO)	SS-L80W	SS-L150W(HO)	SS-L160W	SS-L300W(HO)
Pond Applications	Peak Flow Rate Up to	240 GPH 960 LPH	1320 GPH 5000 LPH	2400 GPH 9000 LPH	1800 GPH 7000 LPH	3100 GPH 12000 LPH	3600 GPH 14000 LPH	6500 GPH 24600 LPH	7300 GPH 28000 LPH	12000 GPH 45300 LPH
	** Max. Suggested Pond size	720 Gal 2880 L	4000 Gal 15,000 L	7130 Gal 27,000 L	5500 Gal 21,000 L	10,500 Gal 39,700 L	11,100 Gal 42,000 L	19,500 Gal 73,800 L	21,100 Gal 80,000 L	30,000 Gal 113,400 L
Wastewater Applications	Flow rate (30mJ/cm <sup>2</sup> )	245 GPH	864 GPH	1440 GPH	1180 GPH	1969 GPH	2297 GPH	3828 GPH	4316 GPH	7194 GPH
	Flow rate (30mJ/cm <sup>2</sup> )	926 LPH	3271 LPH	5452 LPH	4472 LPH	7453 LPH	8693 LPH	14489 LPH	16338 LPH	27230 LPH
UV Lamp / Ballast Watt		25W	40W	75W	40W	75W	40Wx2	75Wx2	40Wx4	75Wx4
Chamber Dimensions		ø64mm x 610mm (L) ø2 1/2" x 24.0"(L)	ø64mm x 900mm (L) ø2 1/2" x 35.4" (L)	ø89mm x 900mm (L) ø3.5" x 35.4"mm (L)	ø89mm x 900mm (L) ø3.5" x 35.4"mm (L)	ø100mm x 900mm (L) ø3.9" x 35.4" (L)	ø100mm x 900mm (L) ø3.9" x 35.4" (L)	ø140mm x 900mm (L) ø5.5" x 35.4" (L)	ø140mm x 900mm (L) ø5.5" x 35.4" (L)	ø140mm x 900mm (L) ø5.5" x 35.4" (L)
Inlet / Outlet Ports		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								
SPARE PARTS										
UV Lamp		TUV25T5 4P-SE	TUV36T5 4P-SE	TUV36HOT5 4P-SE	TUV36T5 4P-SE	TUV36HOT5 4P-SE	TUV36T5 4P-SE	TUV36HOT5 4P-SE	TUV36T5 4P-SE	TUV36HOT5 4P-SE
Quartz Sleeve		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.

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