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**PROSEP**  
FILTER SYSTEMS LTD

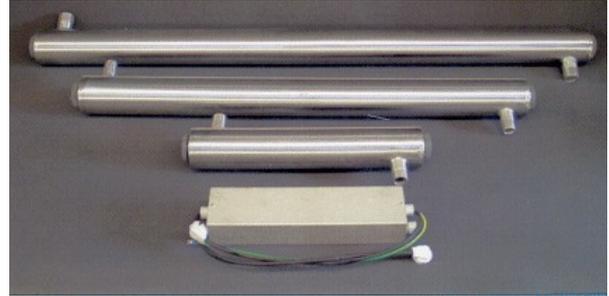
## PRODUCT INFORMATION

UV disinfection technology is widely used around the world to ensure safe water free from bacteria without the use of chlorine or other unpleasant chemicals, eliminating the risk of overdosing or imparting bad taste.

The SSi range of ultra violet systems all utilise low pressure mercury vapour discharge lamps to produce ultra violet light at the 254 nm wavelength (UVC) which is lethal to micro-organisms. The stainless steel chamber incorporates a high purity quartz sleeve around the lamp. As water passes through the chamber, UVC light penetrates and destroys

Installation is simple, once fitted, the system requires no attention and only periodic maintenance. Due to efficient design and the use of high quality components, running costs are extremely low, and the lamp requires only annual replacement. The chamber is manufactured from hygienic 316L grade stainless steel ensuring strength, reliability and efficient hydraulic operation.

Multiple dwelling and commercial applications require the ixp-EVC4 expansion box which provides volt free contacts for alarm, solenoid valve connection etc.



### SINGLE LAMP CHAMBERS

Model	SSi15	SSi30	SSi55	SSi75	SSi1475	SSi1575
Flow Rate (L/Min)	9	23	37	66	117	152
Overall Length	455	915	915	1220	1220	1220
Connection Size (BSP Male)	3/4"	3/4"	3/4"	1"	1 1/2"	1 1/2"

### MULTIPLE LAMP CHAMBERS

Model	SSi4855	SSi4875	SSi1055	SSi61075
Lamp Power (W)	220	300	330	450
Number of Lamps	4x55	4x75	6x55	6x75
Flow Rate Cu.m/h	12.3	18.6	21.3	34.8
Connection Size (BSP Male)	2"	2"	3"	3"

### POWER SUPPLY AND CONTROL

Standard Power supply unit offers the following  
 Cool running high frequency driver  
 Lamp days run display  
 System total days run display  
 End of lamp life alarm. May be silenced for 1 week up to a maximum of 4 times  
 Lamp running indicator  
 Lamp fail indicator  
 Power on indicator  
 Lamp fail buzzer

Commercial and multiple dwelling applications should choose the ixp ballast unit with the additional EVC4 control box. This will allow for the control a 24V solenoid valve for auto shut off of the water supply in the event of lamp or power fail, with volt free contacts for remote telemetry. Total of 4 inputs to operate micro switches etc.

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*for all your filter requirements*