

# WrekinWater

## SS-i Intelligent Ultra Violet Disinfection Systems Single Lamp Range for flow rates up to 10m<sup>3</sup>/hour

SS-i15, SS-i30, SS-i55, SS-i75, SS-i1475, SS-i1575 single chamber systems.

<b>Specifications</b>						
<b>Model</b>	<b>SS-i15</b>	<b>SS-i30</b>	<b>SS-i55</b>	<b>SS-i75</b>	<b>SS-i1475</b>	<b>SS-i1575</b>
Lamp power (watts)	15	30	55	75	75	75
Maximum flow rate - litres/min	9	23	37	56	117	152
Lamp life ( days)	365	365	365	365	365	365
Standard control panel						
Standard connection	3/4" MBSP	3/4" MBSP	3/4" MBSP	1" MBSP	1 1/2" MBSP	1 1/2" MBSP
Overall length (mm)	455	915	915	1220	1220	1220
Maximum pressure (bar)	10	10	10	10	10	10

<b>Flow Rates m<sup>3</sup> / hour</b>										
<b>UV Dose: 30mJ/cm<sup>2</sup> at the end of lamp lifetime</b>										
<b>UV Transmission<sup>1</sup> (1cm) in %</b>	<b>80</b>	<b>82</b>	<b>84</b>	<b>86</b>	<b>88</b>	<b>90</b>	<b>92</b>	<b>94</b>	<b>96</b>	<b>98</b>
<b>SS-i15</b>	0.33	0.35	0.36	0.38	0.40	0.42	0.44	0.46	0.49	0.50
<b>SS-i30</b>	0.93	0.98	1.04	1.09	1.15	1.20	1.26	1.32	1.38	1.41
<b>SS-i55</b>	1.53	1.61	1.70	1.79	1.88	1.97	2.07	2.16	2.26	2.37
<b>SS-i75</b>	2.25	2.37	2.50	2.63	2.76	2.90	3.04	3.19	3.33	3.49
<b>SS-i1475</b>	5.35	5.58	5.81	6.05	6.29	6.55	6.81	7.07	7.35	7.63
<b>SS-i1575</b>	6.17	6.52	6.89	7.27	7.67	8.10	8.55	9.01	9.50	10.02

<sup>1</sup> UV Transmission testing available on request. 20ml sample of water is required.