





 **Voltage**
110V/220V 50/60Hz

 This water flow sensor has a unique design and good waterproof performance.

 Easy installation

 1-999 seconds delay off

FEATURES

- High stability electronic ballast, UV lamp failure alarm
- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- Unique Design of UV ballast with flow sensor and delayed function to prolong the lifetime of the UV lamp up to more than 20,000hrs
- The small footprint of the point-of-use, single-tap system provides a reliable and economical way to treat drinking water in any residential application
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test

WATER QUALITY REQUIREMENT

- Maximum operating pressure 0.8MPa(116psi)
- Ambient water temperature 2-40°C(36-104°F)
- Water flow>5mL/sec, lamp working, settle delay shutdown 0-999 seconds
- Iron<0.3ppm(0.3mg/L)
- Hardness<7gpg(120mg/L)
- Turbidity<1NTU
- UV transmittance>75%
- UV dose $\geq 30\text{mJ}/\text{cm}^2$

Model	Flowrate		Reactor dimension	In/outlet port	Flow sensor model NO.	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM								
SSE-004YS	0.07	0.3	200 X 50.8mm	1/4"quick-fitting	FS-7	47 X 39 X 51 /15sets	UVT5-404	4w	QT5-185	EB-G6YS
SSE-006YS	0.1	0.5	260 X 50.8mm	1/4"quick-fitting	FS-7	47 X 39 X 51 /15sets	UVT5-406	6w	QT5-245	EB-G6YS
SSE-012YS	0.2	1	315 X 50.8mm	1/4"quick-fitting	FS-7	52.5 X 39 X 52 /15sets	UVT5-412	12w	QT5-300	EB-G16YS
SSE-016YS	0.4	2	375 X 63.5mm	3/8"quick-fitting	FS-2	57 X 40 X 52 /15sets	UVT5-416	16w	QT5-360	EB-G16YS
SSE-025YS	1.4	6	595 X 63.5mm	1/2"male	HT-60	79.5 X 28 X 41.5 /8sets	UVT5-425	25w	QT5-580	EB-G28YS
SSE-030YS	1.8	8	915 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-430	30w	QT5-900	EB-G35YS
SSE-035YS	2.0	9	955 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-435	35w	QT5-940	EB-G35YS
SSE-040YS	2.3	10	890 X 63.5mm	3/4"male	HT-120	112.5 X 28 X 41.5 /8sets	UVT5-440	40w	QT5-875	EB-G55YS
SSE-055YS	2.7	12	955 X 63.5mm	3/4"male	HT-120	119 X 28 X 41.5 /8sets	UVT5-455	55w	QT5-940	EB-G55YS

* Chamber material: 304 SS(316L is optional); Philips uv lamp is optional