



-  **Voltage**
110V/220V 50/60Hz
-  **Alarm**
Audible and visual
-  **Indicator**
Lamp operation and failure
-  **Optional digital display ballast**

FEATURES

- High quality UV ballast meets international certification such as CE, UL standard
- Reliable High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life
- Controller will go into alarm if the lamp fails
- UV chamber with great welding process which enables to pass 1.04MPa 100,000 times water hammer test
- Perfect for a wide range of single-faucet, point-of-use or low flow point-of-entry water treatment solutions in homes, cottages, or OEM applications.

WATER QUALITY REQUIREMENT

- Maximum operating pressure 0.8MPa(116psi)
- Ambient water temperature 2-40°C(36-104°F)
- Iron<0.3ppm(0.3mg/L)
- Hardness<7gpg(120mg/L)
- Turbidity<1NTU
- UV transmittance>75%
- UV dose \geq 30mJ/cm²

Model	Flow rate		Reactor dimension	In/outlet port	Package size cm	UV Lamp code	Lamp power	Quartz tube code	Ballast code
	m ³ /hr	GPM							
SDE-004	0.07	0.3	195 X 50.8mm	1/4"female	47 X 39 X 51 /15sets	UVT5-404	4w	QT5-185	EB-G6
SDE-006	0.1	0.5	255 X 50.8mm	1/4"female	47 X 39 X 51 /15sets	UVT5-406	6w	QT5-245	EB-G6
SDE-012	0.2	1	310 X 50.8mm	1/4"female	52.5 X 39 X 52 /15sets	UVT5-412	12w	QT5-300	EB-G16
SDE-016	0.4	2	370 X 63.5mm	1/2"male	57 X 40 X 52 /15sets	UVT5-416	16w	QT5-360	EB-G16
SDE-025	1.4	6	590 X 63.5mm	1/2"male	79.5 X 28 X 41.5 /8sets	UVT5-425	25w	QT5-580	EB-G28
SDE-030	1.8	8	910 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-430	30w	QT5-900	EB-G35
SDE-035	2.0	9	950 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-435	35w	QT5-940	EB-G35
SDE-040	2.3	10	885 X 63.5mm	3/4"male	112.5 X 28 X 41.5 /8sets	UVT5-440	40w	QT5-875	EB-G55
SDE-055	2.7	12	950 X 63.5mm	3/4"male	119 X 28 X 41.5 /8sets	UVT5-455	55w	QT5-940	EB-G55

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