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|  | Voltage 110V/220V 50/60Hz |
|  | Alarm Audible and visual |
|  | Indicator Lamp operation and failure |
|  | Optional digital display ballast |
|  | UV intensity monitor Optional |

FEATURES

- Features running timer with digital display and audible lamp change reminder for ease of maintenance
- 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

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 | | | | | | | |
| SDB-110 | 5.4 | 24 | 950 X 108mm | 1"male | 102.5 X 22.4 X 42 /1set | UVT5-455 | 55w X 2 | QT5-940 | EB-G4055 |
| SDB-165 | 8.1 | 36 | 950 X 133mm | 1.5"male | 102.5 X 24.8 X 45 /1set | UVT5-455 | 55w X 3 | QT5-940 | EB-G4055 |
| SDB-220 | 10.9 | 48 | 950 X 133mm | 1.5"male | 102.5 X 24.8 X 45 /1set | UVT5-455 | 55w X 4 | QT5-940 | EB-G4055 |
| SDB-330 | 16.3 | 72 | 950 X 168mm | 2"male | 107.0 X 35.0 X 60 /1set | UVT5-455 | 55w X 6 | QT5-940 | EB-G4055 |
| SDB-440 | 21.8 | 96 | 950 X 219mm | 3"male | 107.0 X 40.0 X 70 /1set | UVT5-455 | 55w X 8 | QT5-940 | EB-G4055 |
| SDB-550 | 27.2 | 120 | 950 X 275mm | 4"male | 109.0 X 48.0 X 80 /1set | UVT5-455 | 55w X 10 | QT5-940 | EB-G4055 |
| SDB-660 | 32.7 | 144 | 950 X 275mm | 4"male | 109.0 X 48.0 X 80 /1set | UVT5-455 | 55w X 12 | QT5-940 | EB-G4055 |

* Chamber material: 304 SS (316L is optional); Thread or flange as options; Philips uv lamp is optional