

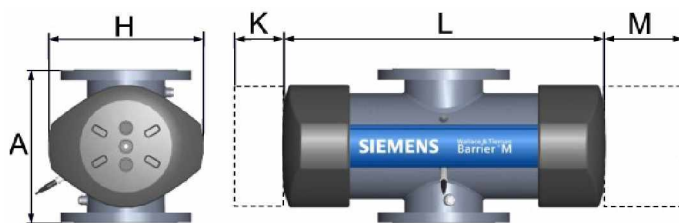
Specifications

| UV chamber | Global (50 Hz) | North America (60 Hz) |
|-------------------------------------------------------------|-----------------------------------------------------|---------------------------------------------------|
| Number of lamps | 4 | |
| Lamp type | WTL 2000 | |
| Chamber material | AISI SS 316L | |
| Flange connection | DN 200 acc. DIN 2576 | 8" 150-lb ANSI flange |
| Enclosure rating | IP 54 | NEMA 12 |
| Operating pressure, static | 10 bar (16 bar optional) | 145 PSI |
| Water temperature | 0 - 45 °C | 32 - 113 °F |
| Wetted parts | FKM, Quartz, AISI SS 318LN | |
| Dry weight | 64 kg | 150 lbs |
| Wet weight | 86 kg | 199 lbs |
| Dimensions A x H x L | 400 x 406 x 900 mm | 15-3/4" x 16" x 35-1/2" |
| Service space K, M | 250, 450 mm | 10", 18" |
| UV sensors in standard model | 1 | |
| Certified UV sensors (with 4-20 mA signal) in DVGW model | 2 | |
| Internal polishing chamber | 0.8 µm | 32 µIN |
| Drain and air socket | G ½" | G ½" with adaptor to NPT ½" |
| Chemical cleaning sockets | G ½" | G ½" with adaptor to NPT ½" |
| Temperature detection, inside | yes, via PT100 sensor | |
| Temperature detection, outside | temp. switch | |
| Disinfection control | yes | |
| Mechanical cleaning system | | |
| Manual | optional | |
| Automatic | optional | |
| DVGW model | manual or automatic cleaning mechanism is mandatory | |
| Chemical cleaning system | optional | |
| Control panel | Global (50 Hz) | North America (60 Hz) |
| Cabinet Material | painted steel (AISI SS 304 optional) | |
| Door interlock switch | yes | |
| Remote/off/on switch | no | yes |
| Digital hours counter | yes | |
| Enclosure rating | IP 54 | NEMA 12 |
| Weight | 207 kg | 607 lbs |
| Dimensions, height x width x depth | 1800 x 800 x 400 mm | 70-7/8" x 39-2/5" x 15-3/4" |
| Cabinet temperature detection | yes | |
| Maximum ambient temperature | 40 °C | 104 °F |
| Forced cabinet cooling | yes | |
| Maximum humidity | 95 % non-condensing (air-conditioned unit optional) | |
| Electrical supply | 3/N/PE AC 400/230 V, 50 Hz | 208, 240, 480 or 575 V, 60 Hz, 3 phase, 3-wire |
| Maximum power supply fusing | 40 A | - |
| Full Load Ampere FLA ** | - | 46, 40, 20 or 17 A |
| Minimum Circuit Ampacity MCA ** | - | 58, 50, 25 or 21 A |
| Maximum Fuse Size MFS ** | - | 70, 60, 30 or 25 A |
| Total lamp power range | 5.3 – 8.9 kW | |
| Average active power consumption * | 7.8 kW | 7.8 kW |

| | | |
|--------------------------------------------|----------------------------------------------------------------------|---------------------------------|
| Cable length to chamber | 5 m (10, 20, 50 m optional) | 16 ft (33, 66, 164 ft optional) |
| Mounting location | floor standing | |
| HPC II user interface | NO = normally open, dry contact the 8 outputs below have 1 common | |
| Display | 1 x 16 characters + LED indicators | |
| Operation | 2 buttons | |
| Remote on/off, input | open = off, connect for on | |
| High power level, input | connect for high power, auto | |
| UV alarm, output | NO, failsafe, closed OK, open alarm | |
| Water temperature alarm, output | | |
| Automatic cleaning mechanism alarm, output | | |
| Lamp failure, output | | |
| Flow alarm, output | | |
| Cabinet temperature alarm, output | | |
| UV warning, output | NO, open OK, closed warning | |
| Water temp. warning, output | | |
| Contact rating outputs | 8A/250 VAC AC1 | |
| MultiSens user interface | only in DVGW model when more than one UV sensor is specified | |
| Display | 4 x 20 characters | |
| Operation | 4 keys | |
| UV sensor inputs used, 4 - 20 mA | 2 | |
| UV signal output, 4 - 20 mA | 1 (for internal use only) | |
| Certifications | Global (50 Hz) | North America (60 Hz) |
| DVGW certified | optional | |
| ISO 9001 certified | yes | |
| CE certified | yes | |
| cUL listed/CSA certified | no | yes |
| NSF61 certified | yes | |

*Average power consumption over the economical lamp life based on constant flow rate, transmittance and close as used for the selection of this system (unless specified different).

** in order of specified voltages



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