

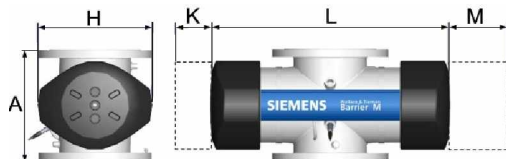
## Specifications

| UV chamber  | Global (50 Hz)                                      | North America (60 Hz)                   |
|---|---|---|
| Number of lamps   | 1   |   |
| 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  | 63 kg   | 149 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<br>(with 4-20 mA signal) in DVGW model | 1   |   |
| 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  | 66 kg   | 145 lbs                                 |
| Dimensions,<br>height x width x depth                       | 760 x 760 x 300 mm                                  | 30" x 30" x 11-13/16"                   |
| 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 or 240 V, 60 Hz,<br>1 phase, 2-wire |
| Maximum power supply fusing                                 | 25 A  | -                                       |
| Full Load Ampere FLA **                                     | -   | 22 or 19 A                              |
| Minimum Circuit Ampacity MCA **                             | -   | 28 or 24 A                              |
| Maximum Fuse Size MFS **                                    | -   | 35 or 30 A                              |
| Total lamp power range                                      | 1.3 - 2.2 kW  |   |
| Average active power consumption *                          | 1.9 kW  | 1.8 kW                                  |

|  |  |                                 |
|--|--|---------------------------------|
| Cable length to chamber                    | 5 m (10, 20, 50 m optional)  | 16 ft (33, 66, 164 ft optional) |
| Mounting location                          | wall mounted   |                                 |
| HPC II user interface                      | NO = normally open, dry contact<br>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, open 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   |                                 |
| Certifications                             | Global (50 Hz)   | North America (60 Hz)           |
| DVGW certified                             | optional   |                                 |
| ISO 9001 certified                         | yes  |                                 |
| CE certified                               | yes  |                                 |
| cUL listed/CSA certified                   | no   | yes                             |
| NSF50 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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