

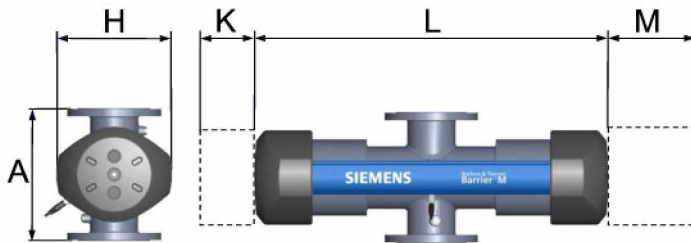
Specifications

| UV chamber | Global (50 Hz) | North America (60 Hz) |
|------------------------------------|---|--|
| Number of lamps | 4 | |
| Lamp type | WTL 1000 | |
| Chamber material | AISI SS 316L | |
| Flange connection | DN 125 acc. DIN 2576 | 5" 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 | 60 kg | 134 lbs |
| Wet weight | 82 kg | 182 lbs |
| Dimensions A x H x L | 350 x 306 x 1000 mm | 13-4/5" x 12" x 39-2/5" |
| Service space K, M | 250, 450 mm | 9-4/5", 17-3/4" |
| Number of UV sensors | 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 | |
| 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 | 157 kg | 477 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 | 35 A | - |
| Full Load Ampere FLA ** | - | 22, 19, 9 or 8 A |
| Minimum Circuit Ampacity MCA ** | - | 27, 23, 15 or 15 A |
| Maximum Fuse Size MFS ** | - | 35, 30, 15 or 15 A |
| Total lamp power range | 2.5 - 4.4 kW | |
| Average active power consumption * | 3.8 kW | 4.2 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, 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 | NO, open OK, closed warning | |
| UV warning, output | | |
| Water temp. warning, output | | |
| Contact rating outputs | 8A/250 VAC AC1 | |
| Certifications | Global (50 Hz) | North America (60 Hz) |
| ISO 9001 certified | yes | |
| CE certified | yes | |
| cUL listed/CSA certified | no | yes |
| NSF61 certified | pending | |

* 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



Siemens
Water Technologies

Germany
+49 8221 9040
wtger.water@siemens.com

United Kingdom
+44 1732 771777
wtuk.water@siemens.com

USA
+1 856 507 9000
wtus.water@siemens.com

©2009 Siemens Water Technologies Corp.
Literature No.: WT.090.370.210.IE.DS.0909
Subject to change without prior notice.

Wallace & Tiernan and Barrier are trademarks of Siemens, its subsidiaries and affiliates. ANSI is a trademark of the American National Standards Institute. NEMA is a trademark of the National Electrical Manufacturers Association. CSA is a trademark of the Canadian Standards Association. ISO is a trademark of the International Organization for Standardization. cUL is a trademark of Underwriters Laboratories, Inc. The information provided in this literature contains merely general descriptions or characteristics of performance which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of the contract.