

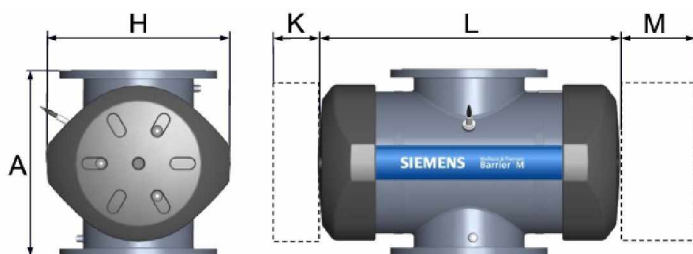
Specifications

UV chamber	Global (50 Hz)	North America (60 Hz)
Number of lamps	4	
Lamp type	WTL 3500	
Chamber material	AISI SS 316L	
Flange connection	DN 350 acc. DIN 2576	14" 150-lb ANSI flange
Enclosure rating	IP 54	NEMA 12
Operating pressure, static	10 bar	145 PSI
Water temperature	0 - 45 °C	32 - 113 °F
Wetted parts	FKM, Quartz, AISI SS 318LN	
Dry weight	160 kg	402 lbs
Wet weight	262 kg	625 lbs
Dimensions A x H x L	600 x 590 x 1000 mm	39-2/5" x 23-1/4" x 39-2/5"
Service space K, M	350, 600 mm	13-4/5", 23-5/8"
UV sensors in standard model	1	
Certified UV sensors (with 4-20 mA signal) in DVGW model	2	4
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	345 kg	774 lbs
Dimensions, height x width x depth	2038 x 800 x 500 mm	80-1/4" x 31-1/2" x 19-3/4"
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	480 or 575 V, 60 Hz, 3 phase, 3-wire
Maximum power supply fusing	63 A	-
Full Load Ampere FLA **	-	45 or 37 A
Minimum Circuit Ampacity MCA **	-	56 or 47 A
Maximum Fuse Size MFS **	-	70 or 55 A
Total lamp power range	9.0 - 15.3 kW	
Average active power consumption *	14.3 kW	18.8 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, 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	
MultiSens user interface	only in DVGW model when more than one UV is specified	
Display	4 x 20 characters	
Operation	4 keys	
UV sensor inputs used, 4 – 20 mA	2	4
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
NSF50 (Annex H.1) 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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