

Specifications

UV chamber	
Number of lamps	3
Lamp type	WTL 2000
Chamber material	1.4404 / AISI 316L
Flange connection	DN 250 acc. DIN EN 1092-1 PN10, PN16 optional, 10" ANSI 16.5 class 150 type RF optional
Enclosure rating	IP 54 / NEMA 12
Operating pressure, static	3 bar* ¹ , 10 bar, 16 bar, 150 PSI optional
Water temperature	max. 45 °C / 113 °F
Wetted parts	1.4462 / AISI 318 LN
Dry weight	72 kg / 159 lbs
Wet weight	94 kg / 207 lbs
UV sensors	1
Internal polishing chamber	0.8 µm / 32 µIN
Drain and air socket	G ½" with adaptor to NPT ½ "
Chemical cleaning sockets	G ½" with adaptor to NPT ½ "
Temperature detection, inside	yes, via PT100 sensor
Temperature detection, outside	temp. switch
Water flow in operation	min. 0.60 m ³ /h / 2.64 GPM
Lamp power control	yes
Mechanical cleaning system	
Manual* ¹	optional
Automatic	optional
Chemical cleaning system	optional
Control panel	
Cabinet Material	painted sheet steel, stainless steel optional
Door interlock switch	yes
Digital hours counter	yes
Enclosure rating	IP 43 / NEMA 3R
Weight	110 kg / 243 lbs
Cabinet temperature detection	yes
Maximum ambient temperature	40 °C / 104 °F
Forced cabinet cooling	yes
Maximum humidity	95 % non-condensing
Ambient air	free of corrosive gases, fumes, dripping liquids, explosive mixtures and gases, salty air and excessive dust
Electrical supply* ²	3/N/PE AC 360/208 - 480/277V, 50-60Hz (IEC) 3/PE AC 208 - 277V, 50-60Hz, 3phase 3wire (USA) or 3/PE AC 360/208 - 480/277V, 50-60Hz, 3phase 4wire (USA)
Max. active power	6700 W
Max. apparent power	6820 VA
Full Load Ampere FLA	19 A (208 V), 16 A (240 V) or 8 A (480/277 V)
Minimum Circuit Ampacity MCA	24 A (208 V), 21 A (240 V) or 10 A (480/277 V)
Maximum Fuse Size MFS	30 A (208 V), 25 A (240 V) or 15 A (480/277 V)
UV intensity, 4-20 mA signal, galvanically isolated	yes
Cable length to chamber	5 m (10 m, 20 m optional) / 16 ft (33 ft, 66 ft optional)
Mounting location	wall mounted

*¹ For manual cleaning the permitted operating pressure is 3 bar.

*² For use in Canadian networks specific matching transformers are available.

Dimensions	
UV chamber (A x H x L)	400 x 406 x 900 mm / 15-3/4" x 16" x 35-1/2"
Lamp replacement compartment (K)	250 mm / 9-27/32"
Lamp replacement compartment and manual cleaning (M)	450 mm / 17-5/32"
Sensor service compartment (Y)	200 mm / 7-7/8"
Wall clearance when using the wall brackets (B)	250 mm / 9-27/32"
Control panel (height x width x depth)	1125 x 800 x 400 mm / 44-5/16" x 39-2/5" x 15-3/4"
HPC III 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	
Pump on, output	2 output relais closed = OK
System Stand-by, output	
Contact rating outputs	8A/250 VAC AC1
Certifications	
ISO 9001	yes
CE	yes
UL STD 508 CAN/CSA STD C22.2-14	yes
Agreement of the French health and sports ministry	yes (chloramines reduction applications in pools)



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