

Dulcodes MP UV System

Inactivate Infectious Organisms and Destroy Chloramines!



Dulcodes MP UV systems are ideal for the destruction of combined chlorine in swimming pool water and the inactivation of chlorine resistant organisms like cryptosporidium. The result is improved quality of water for healthy, pleasant and safe swimming experience.

Features & Benefits

Stay Safe

- 3rd-Party Validated to MAHC 3-log Cryptosporidium requirement and the 400 J/m² MS2 RED per the New York State DOH
- Systems are EPA registered: EPA Est. 94453-CHK-1
- Chloramine reduction using dual-setpoint allows operation at both 600 J/m² and 400 J/m² dose as needed
- Electronic lamp drivers automatically adjust to changes in water clarity

Stay in Control

- Control display backlight is green when system operation is normal, yellow when in warning and red when in alarm
- Automatic wiper system with configurable actuation times
- Tru-View disk on chambers allow visual confirmation of lamps that are lit
- IIoT ready

Stay Economical

- Electronic lamp drivers run the lamps at lowest possible power level to save \$\$\$ and improve lamp longevity
- Remote interface with DCM512 allows for automatic selection of UV dose based on real-time combined chlorine levels saving \$\$\$
- Quick lamp change feature requires less labor

Applications

- Spray pads
- Swimming pools
- Spray pads
- Zoos
- Aquariums
- Drinking water

Certifications

- NSF50 (2012 standard); Annex H
- Single Pass validation for Cryptosporidium
- Electrical Certification: UL 508A, CSA C22.2 No. 14



Certified to
NSF/ANSI Standard 50



Dulcodes MP UV System

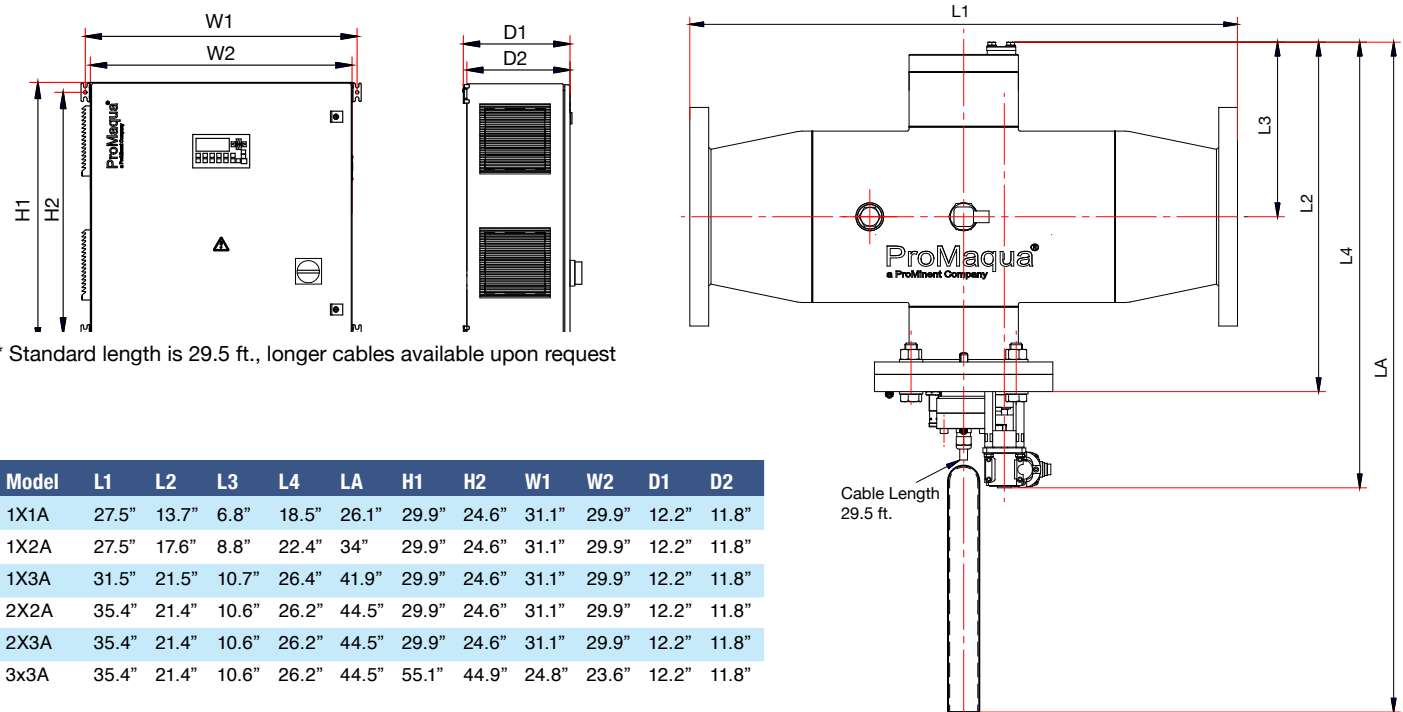
Technical Data

Lamp type..... Vario-Flux medium pressure lamp
 Controller type..... PLC
 Chamber Material..... 316L Stainless Steel
 Permissible operating pressure..... 150 psi
 Permissible ambient temperature..... 41-104 °F
 Permissible water temperature..... 37-160 °F
 Enclosure rating..... NEMA 12 (NEMA4X cabinet with A/C available as an option)

Technical Data												
Model	Part Number	# of Lamps	Power Output	GPM Max. @ 400 J/m ² @95% UVT	GPM Max. @ 600 J/m ² @95% UVT	Flange Size	Phase	Unit Voltage	FLA Amps	Chamber Weights Dry/Wet	Cabinet Weights	Shipping Dimensions
			Watts	GPM	GPM	in.		V	A	lbs.	lbs.	in.
1X1A	7781581	1	1000	368	245	4"	1	208/240	7.5/6.5	46/82	135	69.7"x38.2"x19.7"
1X2A	7781582	1	2000	627	418	6"	1	208/240	12/10	68/128	135	69.7"x38.2"x19.7"
1X3A	7781583	1	3000	1191	794	8"	3	480	13	115/260	135	69.7"x38.2"x19.7"
1X3A	7781584	1	3000	1191	794	8"	3	208/240	17/15	115/260	135	69.7"x38.2"x19.7"
2X2A	7781585	2	4000	1588	1059	8"	3	480	9	172/366	150	59.8"x40.2"x26.8"
2X2A	7781586	2	4000	1588	1059	8"	3	208/240	20/17	172/366	150	59.8"x40.2"x26.8"
2X3A	7781579	2	6000	2382	1588	10"	3	480	14	172/366	150	59.8"x40.2"x26.8"
2X3A	7781587	2	6000	2382	1588	10"	3	208/240	28/25	172/366	150	59.8"x40.2"x26.8"
3x3A	7781588	3	9000	3573	2382	12"	3	480	14	172/366	205	38.2"x34.3"x60.6"
3x3A	7781589	3	9000	3573	2382	12"	3	208/240	28/25	172/366	205	38.2"x34.3"x60.6"

UV System Flowrates Sized for 95% UVT

Drawings



Model	L1	L2	L3	L4	LA	H1	H2	W1	W2	D1	D2
1X1A	27.5"	13.7"	6.8"	18.5"	26.1"	29.9"	24.6"	31.1"	29.9"	12.2"	11.8"
1X2A	27.5"	17.6"	8.8"	22.4"	34"	29.9"	24.6"	31.1"	29.9"	12.2"	11.8"
1X3A	31.5"	21.5"	10.7"	26.4"	41.9"	29.9"	24.6"	31.1"	29.9"	12.2"	11.8"
2X2A	35.4"	21.4"	10.6"	26.2"	44.5"	29.9"	24.6"	31.1"	29.9"	12.2"	11.8"
2X3A	35.4"	21.4"	10.6"	26.2"	44.5"	29.9"	24.6"	31.1"	29.9"	12.2"	11.8"
3x3A	35.4"	21.4"	10.6"	26.2"	44.5"	55.1"	44.9"	24.8"	23.6"	12.2"	11.8"

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