

Dulcodes LP

A world first: precise lamp dimming in seconds – even with varying flows and water temperatures!



*The unique **Dulcodes LP UV systems** are synonymous with cutting-edge water treatment – extremely efficient and highly effective. Our patented Vario-Flux high-output lamps, featuring dynamic lamp heating and controlled by electronic ballast technology allow the **Vario-Flux lamps** to be quickly and precisely dimmed over a broad power range of up to 50% of the nominal electrical power. This lamp control ensures precise automatic adjustment to varying flows and water temperatures. The water flow through the **Dulcodes LP UV system** has been optimized through intensive computer simulation resulting in minimal pressure loss and uniform radiation dose which leads to minimal use of energy, maximized disinfection and significantly reduced life cycle costs.*

Features & Benefits

- The Dulcodes LP UV system can be used in a broad range of applications for efficient, economical and safe water disinfection
- Unique dynamic lamp heating adjusts the lamp output in seconds and provides for optimum disinfection even with rapidly varying flows and water temperatures.
- Uniform UV dose, thanks to optimized flow through the chamber, provides maximum disinfection effectiveness with the minimum amount of lamps
- Reduced life cycle costs due to the long service life of Vario-Flux high-output lamps with low energy consumption and high UV output
- High flexibility thanks to vertical or horizontal installation
- User-friendly and intuitive control for the display of operating statuses and adjustment of operating parameters
- Control cabinet with efficient recirculation cooling ensures the long life of electronic components and protects against corrosion in aggressive ambient conditions

Technical data

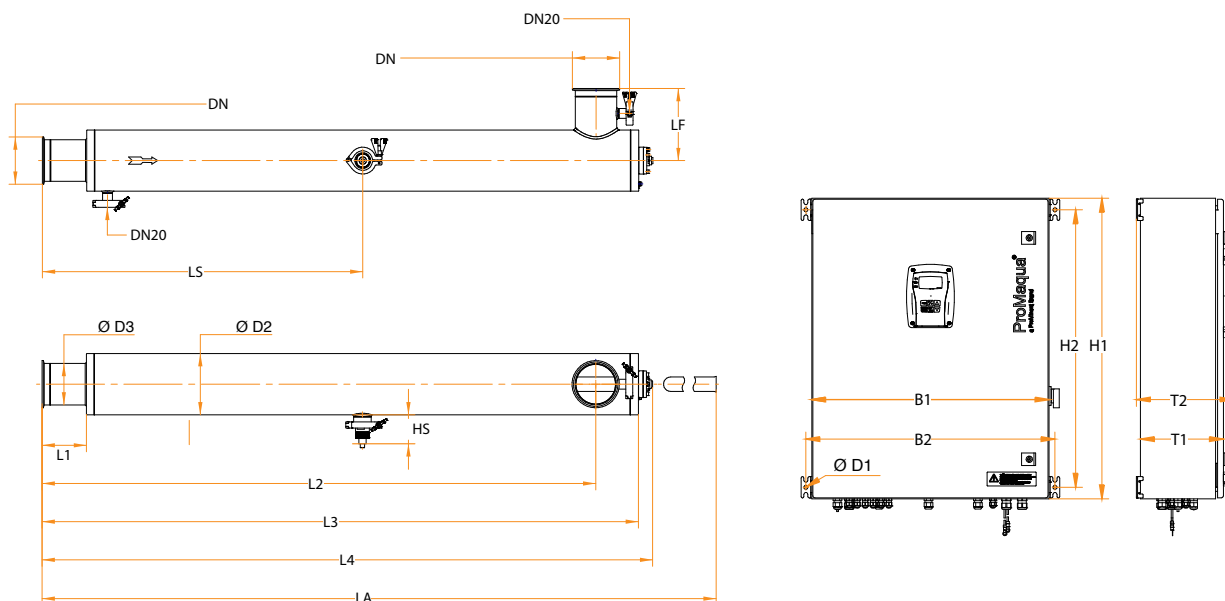
Lamp type..... Vario-Flux low pressure lamp
Controller type Deluxe controller, alternatively compact controller
Permissible operating pressure 150 psi
Permissible ambient temperature... 40-104 °F
Permissible water temperature..... 37-160 °F
Enclosure rating..... NEMA 12

Technical Data

Model	Part Number	# of Lamps	Power Output Watts	Outdoor Pools Max. GPM 400 J/m2 GPM	Combined CL2 Max. GPM 600 J/m2 GPM	Flange Size in.	Phase	Unit Voltage V	FLA Amps A	Chamber Weights Dry/Wet lbs.	Cabinet Weights lbs.	Shipping Dimensions (L x W x H) in.
1x230LP	1080083	1	310	158	105	3"	1	230	2.0	42.0/70.5	67	69.7 x 38.2 x 20.1
1x350LP	1080084	1	430	238	159	4"	1	230	2.5	66.1/132.3	67	70.5 x 52.0 x 21.1
2x350LP	1080086	2	835	542	361	6"	1	230	4.5	123.5/282.2	75	70.5 x 52.0 x 21.1
3x230LP	1080087	3	825	682	453	6"	1	230	5.0	143.3/306.4	83	70.5 x 52.0 x 21.1
3x350LP	1080088	3	1240	1021	682	8"	1	230	6.5	185.1/482.8	83	79.5 x 65.7 x 25.2

Note: Additional flange sizes available upon request based on flow range and pipe velocity. All dimensions/ weights are approximates.

Drawings



Model	ANSI	B1	B2	H1	H2	T1	T2	Ø D1	Ø D2	Ø D3	HS	L1	L2	L3	L4	LS	LF	LA
1x230W	3"	23.6	24.8	29.9	27.6	8.3	9.7	.40	5.5	3.5	3.1	2.6	41.5	45.3	46.9	24.0	5.5	87.2
1x350W	4"	23.6	24.8	29.9	27.6	8.3	9.7	.40	6.6	4.5	3.2	4.8	59.9	64.6	66.1	34.7	7.8	122.2
2x350W	6"	23.6	24.8	29.9	27.6	8.3	9.7	.40	10.1	6.6	3.2	4.8	58.9	64.6	66.1	34.7	9.5	122.2
3x230W	6"	23.6	24.8	29.9	27.6	8.3	9.7	.40	10.1	6.6	3.2	4.0	41.0	46.7	48.2	25.3	11.0	89.0
3x350W	8"	23.6	24.8	29.9	27.6	8.3	9.7	.40	12.8	8.6	3.2	5.1	67.5	73.0	75.7	39.6	10.9	135.8

Note: All above measurements are in inches.



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PN: 7750227
 Dulcodes_LP_UV.indd rev0 08/03/2017