

# UV System DULCODES MP

Effective solution for the treatment of swimming pool water – designed for the decomposition of combined chlorine.

**ProMinent®**



The UV system DULCODES MP is used for the efficient breakdown of combined chlorine in swimming pools, eliminating the typical swimming pool odour: no more irritation for eyes, nose and skin. Apart from improving the water quality, the lower investment costs and high fresh water and energy consumption savings result in shorter payback times.

## Technical Details

- Manual or automatic wiper system for the efficient removal of deposits on the lamp protection tube. The wiper system can be easily retro fitted
- Integral temperature switch to monitor the water temperature in the radiation chamber
- Compliance with DIN 19643 and recommended for use in swimming pools
- Optimised use of energy thanks to large radiation chamber and uniform irradiation of the entire water flow due to optimised system hydraulics
- Radiation chambers made of high-grade stainless steel 1.4404/AISI316L
- Long-term stable UVC sensor for monitoring the lamp output, dirt on the lamp protection tube and changes in water quality
- Powerline medium-pressure lamps with high connecting power of up to 3 kW
- Manual or automatic motor-driven wiper for the efficient removal of deposits on the lamp protection tube
- Guaranteed (pro rata) lamp service life of 8000 hours
- Comfort controller with various options for simple integration of the system in higher-level control systems thanks to many analogue and digital interfaces and connectors
- Control cabinet made of coated steel



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## Technical Data

Type	Max. flow rate	Lamp power	Connected load	Radiation chamber length	Free space needed for maintenance	Empty weight/ Operating weight	Connector width
	m3/h	W	kW	mm	mm	kg	DIN / ANSI
1x0.65 MP	20.0*/30**	650	0.75	500	335	21/31	DN 65/80
1x1 MP	58.0*/87**	1.000	1.10	700	400	31/47	DN 100/125
1x2 MP	102.0*/153**	2.000	2.10	700	500	38/65	DN 125/150
1x3 MP	205.0*/308**	3.000	3.20	800	600	52/118	DN 200/250
2x2 MP	278.0*/417**	4.000	4.20	900	1000	78/166	DN 200/250
2x3 MP	379.0*/568**	6.000	6.20	900	1000	78/166	DN 250
3x3 MP	569.0*/853**	9.000	9.20	900	1000	78/166	DN 250/300

\* 98%/cm transmission; 600>J/m2 irradiation intensity for the breakdown of combined chlorine

\*\* 98%/cm transmission; 400>J/m2 irradiation dose for disinfection applications

Lamp type	Powerline medium-pressure lamp
Control type	Comfort controller
Permissible operating pressure	6>bar
Permissible ambient temperature	5...40>°C
Permissible water temperature	5...40>°C
Enclosure rating	IP54

### ■ SYDNEY OFFICE

Unit 4, 4 Narabang Way,  
BELROSE NSW 2085  
P 02 9450 0995  
sales@prominentfluid.com.au

### ■ QUEENSLAND OFFICE

Unit 1, 68 Murdoch Circuit,  
ACACIA RIDGE QLD 4110  
P 07 3213 1900  
pfcqld@prominentfluid.com.au

### ■ VICTORIA OFFICE

Unit 1/21-22 National Drive  
HALLAM VIC 3803  
P 03 8795 7430  
pfcvic@prominentfluid.com.au

### ■ WESTERN AUSTRALIA OFFICE

2/158 Francisco Street  
BELMONT WA 6104  
pfcwa@prominentfluid.com.au