

DCM 200 Controller

A Recreational and Attraction Water Chemistry Solution

The **ProMinent® DCM 200** controller is the perfect partner for monitoring and controlling water chemistry parameters and processes in hotels, motels and condos. The DCM 200's precision and uncompromising quality represent a world-class solution to ensure a safe and healthy water experience for patrons.



Application Specific Markets

- Swimming pools
- Therapy pools
- Hot tubs
- Spray pads
- Residential pools

Features & Benefits

- Proprietary sensor technology for pH & ORP
- Hydraulic compensation via true PID control
- Ethernet web-based real-time monitor and control via smart phone, iPad or tablet device
- Hydraulically advanced flowcell assembly
- Automatic discrete control and flow adjustments of chemical dosing pump
- Trackster™ auto poll, data logging, graphing and report building software
- USB host data log upload port

ProMinent®

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DCM 200

Specifications

Specifications	Details
Operator Interface	
Remote	Fully interactive Ethernet TCP/IP graphical interface with security access codes
Local	2 line, 12 character LCD display, 2 LEDs, 5 buttons
Analog	
Sensors	pH, ORP
Digital I/O	
Digital Inputs	2 (configurable)
Output / Control Relays	3 (10 A, assignable)
Digital Outputs	2 (assignable)
Control	
	On/Off P/PI/PID Intelligent control Time based proportional Event Timer Flow Restored delay (adjustable)
Communication	
	HTML server on board, standard USB port Ethernet, Wireless EVDO Cellular, Smartphone /I-Pad HTML, Micro Web Server with user definable IP address Graphics analysis package
System	
Power	120 or 230 VAC, 50/60Hz, single phase
Fusing	5 amps @ 120 VAC or 2.5 Amps @ 230 VAC
Surge Suppression	Relay 2 N.O. varistor snubbed @ 0.1 uF, 150 ohm
Accessory Power	12 VDC, Regulated, Thermally Fused @ 50 mA
Enclosure	Non-metallic, NEMA 4X
Memory protection	Internal Flash parameter protection, and 5 year lithium Battery for RAM stored values
Warranty	
	5 years on electronics 2 years on ORP, pH sensors 1 year on all other parts