

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

# ProMinent®

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- sign up for our electronic newsletter
- download literature and manuals
- validate your product warranty

# DCM 200

## Specifications

Specifications	Details
<b>Operator Interface</b>	
Remote	Fully interactive Ethernet TCP/IP graphical interface with security access codes
Local	2 line, 12 character LCD display, 5 buttons, 2 LEDs: Steady <b>Blue</b> = "OK", Flashing <b>Blue</b> = flow switch is in "Recovery Delay" after a flow interruption, Flashing <b>Red</b> = "Alarm"
<b>Analog</b>	
Sensors	pH, ORP
<b>Digital I/O</b>	
Digital Inputs	2 (configurable)
Output / Control Relays	3 (10 A, assignable)
Digital Outputs	2 (assignable)
<b>Control</b>	
	On/Off P/PI/PID Intelligent control Time based proportional Event Timer Flow Restored delay (adjustable)
<b>Communication</b>	
	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
<b>System</b>	
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
<b>Warranty</b>	
	5 years on electronics 2 years on ORP, pH sensors 1 year on all other parts