

ProMcon 500 series Conductivity Controller

Digital Display Conductivity Controller

The ProMinent® series 500 Conductivity Controller is designed to control the TDS levels of tower cooling water. When the conductivity probe senses the TDS level exceeds the set-point the bleed solenoid is opened allowing high TDS water to be removed.

The controller features a scrolling menu keeps you informed of conductivity level, set-point, status of inhibitor and biocide dosing, and the day and time.

The controller has 3 main menus

- Advanced • Change set-up • Manual •

The ProMinent® ProMcon 520 Conductivity is a fully integrated Cooling Water Treatment Control System normally supplied backboard mounted with metering pumps and sample water pipework.

The System provides:

- Conductivity based blow down for TDS control.
- Inhibitor Dosing.
- Timer based single and dual biocide control.
- Auto / Manual Inhibitor, Biocide and Bleed.

Optional

- mA monitoring
- Alarm relays
- Winter / Summer cycle

The system offers an overall control method for the various forms of chemical treatment of evaporative cooling towers, continually displaying on a rotating screen, the time, set points, pre bleed lockout and biocide status.

Conductivity Control

- Allows the TDS levels of the cooling water to be controlled. The TDS level is sensed by the conductivity probe and when the level exceeds the set-point the bleed solenoid is opened. This allows for the high TDS cooling water to be removed from the tower.
- Conductivity probe - union type for easy service.

Inhibitor Metering

Dosing of inhibitor can be in 3 ways:

- Simultaneously with bleed
- Continuous
- Controlled from a pulse contact water meter

Concept metering pumps have their own speed and stroke capacity adjustment. For Peristaltic metering pumps, the controller provides pump capacity adjustment from 1 to 100 percent when in simultaneous bleed or continuous. When controlled from a water meter there is adjustment for the number of pulses collected (1-100) to give and adjustable on-time from 1-100 seconds.

Timer Based Biocide Control For 1 or 2 Biocides

Timer Controlled biocide dosing is available for 1 or 2 pumps. There are 10 on/off times for both biocides 'A' and 'B' that can be set for any day or every day, with pre bleed and bleed lockout if required.



Head Office: Unit 4, 4 Narabang Way
BELROSE NSW 2085
(PO Box 85, BELROSE WEST NSW 2085)
Ph: (02) 9450 0995 Fx: (02) 9450 0996
Email: sales@prominentfluid.com.au

ProMinent Fluid Controls Pty Ltd
QLD Office: 1048-1054 Beaudesert Road
COOPERS PLAINS QLD 4108
Ph: (07) 3246 5200 Fx: (07) 3246 5225
Email: pfcqld@prominentfluid.com.au

VIC Office: Unit 2, 88 Star Crescent
Hallam VIC 3803
Ph: (03) 8795 7430 Fx: (03) 8795 7431
Email: pfcvic@prominentfluid.com.au

Distributors Throughout Australia & New Zealand

WA: Ph: (08) 9458 9555 Fx: (08) 9350 6192 **TAS:** Ph: (03) 6244 7575 Fx: (03) 6244 7576 **NT:** Ph: (08) 8947 1008 Fx: (08) 8947 1009
SA: Ph: (08) 8275 8000 **NEW ZEALAND:** Ph: (64) 9571 3131 Fx: (64) 9571 2002 Email: sales@pumpengineersb.co.nz