



Cortrols
Temperature
Systems

December 2006

News



On behalf of all at **Cortrols Temperature Systems** we would like to thank you for your business this past year. It has been a pleasure to work with you all. We hope you and your families enjoy a safe and happy Christmas. We look forward to renewing contact with you again in the New Year.

Cortrols will be closing at 11am on Friday 22nd December & reopening on Wednesday 3rd January 2007. For any urgent requirements during this time please call the office on 98506155 for further details.

Leading Innotech Distributor Award

At the 2006 annual Innotech distributor's conference held in Sydney, **Cortrols Temperature Systems** was honoured to receive the award for being the leading Innotech distributor for the 6th year running.

Cortrols was also awarded best digital control sales for the last 6 consecutive years.

This is an outstanding achievement considering that Innotech have distributors in all Australian States as well as Internationally.



Stewart, John, Michael, Paul, Craig & Noel

Projects of Note 2006

This year we have worked on a great variety of exciting and challenging projects which include the following two:

Centre for Performing Arts Ballarat

The unique feature of this building is the Thermal Labyrinth that passively cools and ventilates the auditorium from below ground. Air is drawn under the building where it is cooled by being passed through a series of tunnels embedded in the soil. Shower towers are used to assist in cooling the outside air on very hot days before entering the Labyrinth using recycled water. The building is heated by hydronic heating through the floor slab.

Melbourne City Council Water Recycling Plant

This plant recovers sewerage waste for reuse within the building. About 100,000 litres of black (toilet) water a day is extracted from the sewer, along with any generated on site. The Blackwater is put through a multi-water treatment plant that filters out the water and sends solids back to the sewer. The extracted water is treated through a two stage membrane process to create A-grade clean water suitable for all non-drinking uses.

The recovered water supplies the council buildings water cooling, plant watering and toilet flushing needs. The rest will be used in other council buildings, city fountains and gardens.

Featured Products

MiniMax Has Arrived!

MiniMax is a state of the art Direct Digital Controller (DDC) that has the capability of controlling various types of industrial, commercial & domestic systems. The MiniMax can operate as either a standalone device or as part of a network of Innotech devices.



INNOTECH
Innovative Technology

Features Are:

- 100 Millisecond cycle/scan time
- 7 x independent configurable universal inputs/outputs
- 4 x 24VAC Triac Inputs
- 2 x RS485 serial communication ports
- Installation in small places without taking up valuable switchboard space

Typical Applications Are

- Air Conditioning and Heating Systems
- Lighting control
- Distributed I/O points controller
- Cold/Freezer rooms

Maxtime

Maxtime is a 4 channel programmable 365 day time clock with optimum start capabilities. Maxtime can be used in a variety of situations that require automatic on/off scheduling. Its optimum start functionality makes it particularly useful for air conditioning applications



INNOTECH
Innovative Technology

Features Are:

- 4 Independently programmable Relay channels with 10Amp@240VAC Capability
- After Hours capability on all channels
- 4 line, 80 character Liquid crystal display
- Optimum Start on all Channels with Thermistor inputs
- User programmable After Hours Timer
- Current time and date battery backed
- After hours usage log (battery backed)
- Automatic Daylight savings adjustment

Typical Applications Are:

- Air Conditioning scheduling
- Optimum Start Function reduces power consumption
- Automatic Security Light Activation
- Timed control of Plant & Equipment
- Internal After Hours timers