

# irus PRE2000CU3

## Thermostatic room control

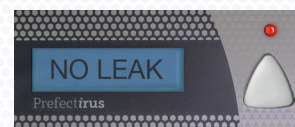
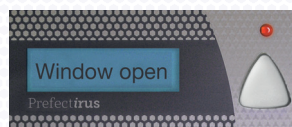


Cleverly simple  
control of energy.



### Key features

- Room temperature detection and control
- Integrated PIR detector with presence or absence detection
- Room humidity detection
- Room decibel noise meter
- Room lux light level detection
- Open window detection software
- LCD user screen
- User up and down controls
- Mains Borne Signalling technology
- PRE2000CU3 control unit utilizes SELV at 12VDC
- Remote access via internet connection to individual room nodes.
- Updateable software
- 5-year warranty



## The Prefect Irus CU3 Control head is fitted to each room. The CU3 provides LCD display and controls for the user.

The PRE2000CU3 thermostatic control unit is fitted on the wall of each room for the occupant to use. The control unit is a standard single gang plate size and is powered by a 12VDC supply from the PRE2000PU3 making the unit SELV, quickening installation and allowing for easier cable routing.

The Control unit has an LCD display for the occupant to view, the screen is fully programmable to your needs, for example the screen can display current set point, current temperature or simply a scale from minimum to maximum. The screen is also dimmable to 0% brightness to suit occupant requirements. Up and down buttons make the control unit simple to use, increasing or decreasing the temperature set point.

The CU3 is capable of monitoring an array of room conditions, it is able to detect the rooms temperature,

humidity level, noise level, light level occupancy and window open detection. All of these conditions are stored and can be viewed online in real time and up to 30 days of history for each individual room. Reports and alerts can be created notifying staff of potential problems, for instance a maximum DB level can be set and the CU3 will alert the system that the level has been exceeded, allowing the site management to take action.

The CU3 has fully updatable software that can be updated remotely during out of hours periods, minimising disruption to the room occupant. The ability to update ensures the unit is using the latest technology and protects against any potential software issues. The updateable software enables the unit to be adapted once the install has been completed and therefore as the needs of the site change, the thermostat can be upgraded to meet changing requirements.

Due to our policy of continuous improvement, we reserve the right to change specifications without notice. All information was correct at time of when this product file was produced - June 2020