

## µC Based Humidity And Temperature Controller



- WHUC-2201-PID ....Size: 96(w)x96(h)x85(d) mm
- WHUC-2001-PID ....Size: 96(w)x48(h)x110(d) mm
- WHUC-2101-PID ....Size: 72(w)x72(h)x110(d) mm
- WHUC-2301-PID ....Size: 48(w)x48(h)x85(d) mm

- microcontroller based,
- Four digit dual display
- Supply 100-260 VAC
- Input : PT100 RTD, rH sensor  
Water Level sensor –NC contact (optional to protect wet Heater)
- Output: 1. Dry Heater Relay Contact or SSR, 2. Wet Heater Relay contact or SSR,  
3. Cooling Relay contact or SSR
- Control action: Temperature & Humidity-PID (Auto tune) and Cooling control -On/Off
- Heating and Cooling control
- Range: Temperature 0 to 60.0°C & Humidity 10 to 90% rH
- Heating & cooling Temperature & Humidity As per range adjustable in set mode.
- Ct 1 to 60 seconds for SSR output adjustable
- Auto tuning require for pb, It & dt value of Humidity & Temperature
- Delay 0 to 250 second adjustable for cooling control
- OPEn display if Sensor break
- Relay trip if sensor breaks or connection open
- Calibration Error correction by front key switch (No preset setting)
- Defrost On & Off setting for auto defrost
- Manual defrost on by increment key
- RS485 Output Optional
- Alarm and timer Function optional

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