

Product Information Sheet
DHC-100 Humidity Controller

Description:

The DHC-100 is an electronic hydrostat which uses a macromolecule humidity sensor. It features high accuracy, high immunity to interference and rapid response. It is widely used for humidification, dehumidification as well as measuring and display of relative humidity.

Can be used for laboratory, hydroponics, mushroom farms, greenhouses, indoor farms, incubators, and textile applications etc.



Features and Functions:

- Humidification, dehumidification modes
- Alarm function when sensor fails
- Alarm function when humidity exceeds limits
- Delay time
- Key lock function
- Sensor calibration

Technical Parameters:

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|---------------------------------------|--------------------------|
| ➤ Product size: | 75×34.5×85(mm) |
| ➤ Mounting hole size: | 71×29 (mm) |
| ➤ Operation environment temperature: | 0°~ +55° c |
| ➤ Humidity measuring range: | 0%~+99% |
| ➤ Relative humidity: | 20%~85% (Non condensate) |
| ➤ Resolution: | 1%RH |
| ➤ Accuracy +/- 5% RH | 10%~95% RH @ 25° C |
| ➤ Sensor operating temperature range: | -30° c ~+80° c |
| ➤ Temperature annual drift: | ±0.5% |
| ➤ Supply voltage | 240 Vac |
| ➤ Relay capacity | 10 amps |

Wiring Diagram:

