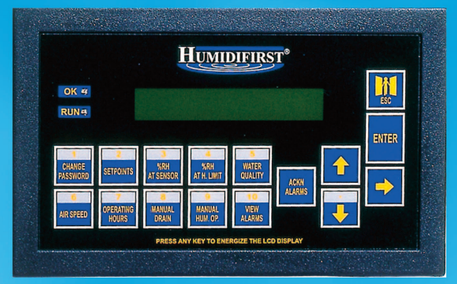
HC - 300 Microprocessor



The Humidifirst HC-300 is a state-of-the-art, user-friendly microprocessor. It has an easy to read 40-character LCD displpay and the modem interface is standard. The 6" by 3 1/2" - 16 button panel will allow you to:

- Proportionally control the operation of Humidifirst ultrasonic humidifiers
- Monitor the humidification system for alarms (modem capability is standard)
- Monitor and display the air speed in the ductwork/ air handler
- Automatically drain the humidifier modules when they are not in use
- Program automatic setback of humidity set-point when outdoor temperatures reach a predetermined set-point (prevents icing of windows)
- Monitor the quality of the water entering the humidifier module
- Limit the maximum output capacity of the humidifiers
- Display the actual relative humidity at the humidity sensor
- Display the actual relative humidity at the humidity high limit sensor
- Display the cumulative operating hours of the humidifiers
- Display the actual temperature of the air at the humidification system
- Change the password

ALARM MONITORING AND CAPABILITIES

The following points can be monitored and notification can be provided. Where "optional" appears, those items must be purchased with the initial system. When any alarm is active a "common alarm" relay closure is provided for remote monitoring.

- Humidity too high
- Humidity too low
- Air temperature too high (optional)
- Air temperature too low (optional)
- Air speed too slow (only occurs if the humidifier is operating). A set of contacts will be provided for remote annunciation (optional)
- Water dirty - call for service (first stage) (optional)
- Water too dirty - dust will form - turn humidifier (s) off (second stage) (optional)
- Humidity sensor failure
- High limit humidity sensor failure (optional)
- Water quality sensor failure (optional)
- Air speed sensor failure (optional)
- When ambient temperature setback occurs (optional)
- Water leak detected (optional)

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Ultrasonic Humidifiers for Air Handlers and Ductwork

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