

DEH 3000 / 3000R



The **Ultra-Aire DEH 3000 / 3000R Digital Control** is designed to integrate with the Ultra-Aire line of whole house ventilating dehumidifiers and enables homeowners to precisely monitor and control moisture levels, manage fresh air ventilation (with optional damper) and activate air filtration – all from the convenience of their living space.

Only the DEH 3000 Offers All of the Following Control Functions:

- ▶ **Central Fan Integration** – Operates A/C fan with dehumidifier operation.
- ▶ **A/C Sensor** – Automatically activates or deactivates the dehumidifier when the air conditioner runs.
- ▶ **High Temperature Cutout** – Disables dehumidifier operations if household temperatures reach the cutout setpoint.
- ▶ **Dry Out Cycle Timer** – Automatic fan cycling to ensure dry and clean coils.
- ▶ **Auto Reboot** – Resumes operation with prior settings in the event of power failure.



Specifications:

DEH 3000 Part Number: 4028539

DEH 3000R Part Number: 4028407

Operating Voltage: 24 VAC

Max Current - DMP, COMP, FAN: 1 Amp each

Humidity Range / Accuracy: 10-95% RH, $\pm 5\%$

Auxiliary Relay Capacity: 5 Amps, 24 VAC

Temp Range / Accuracy: 30°-90°F, $\pm 2^\circ$

Size: 4.95"L x 1.06"W x 4.19"H

Ventilation Options:

- ▶ **Open Hold Mode** – Use this mode for continuous fresh air ventilation. The damper will be open and the dehumidifier fan will run to introduce fresh air into the space at all times.
- ▶ **Closed Hold Mode** – Use this mode when no fresh air ventilation is required. The damper will remain closed, but the dehumidifier fan will still operate normally for air recirculation and dehumidification.
- ▶ **Programmed Mode** – Use this mode to operate the motorized damper and the dehumidifier fan according to the programmed ventilation schedule to bring in fresh air.

The **Ultra-Aire DEH 3000R** features a compact-sized remote sensor that can be placed up to 100 feet away from the controller. The remote sensor allows the homeowner to accurately control and monitor the relative humidity in a given space without having to locate the controller in the same area.

