

Hoffman|Controls

Installation & Operating Instructions

816-10DH & 814-10EH Series NEMA 3R Weatherproof Kit

General

The 10D & 10E Series NEMA 3R Weatherproof Kit is available for applications where the Controller chassis must be installed in an outdoor environment. The Weatherproof Kit (Part No. 545-0202-007) includes all the hardware necessary for installation.

Pre-Installation Instructions

1. Select a location to mount the 10DH or 10EH Series Control and Weatherproof Kit that is convenient for wiring power from the motor, to the Weatherproof Kit, and then to the control panel.
2. All wiring must conform to all local and national electrical codes.



WARNING

Always disconnect power to Controller before installing Weatherproof Kit.

Installation Instructions

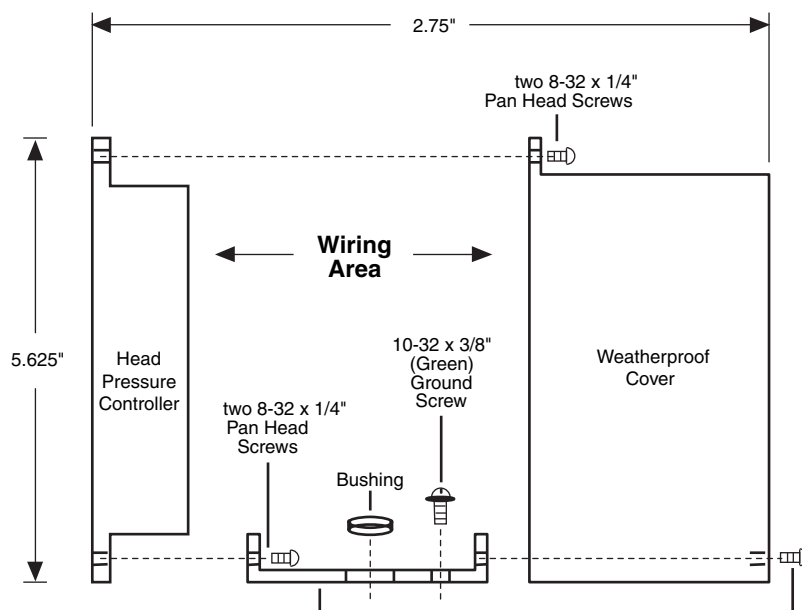
1. Mount the Controller vertically to the external metal surface of a condenser/condensing unit.
2. Install bushing in the bottom plate.
3. Secure the green grounding screw (10—32-x-3/8") to the bottom plate.
4. Attach the bottom plate to Controller chassis with two 8—32-x-1/4" pan head screws.
5. **Important:** Field install an electrically grounded conductor to green ground screw.
6. Route wiring through sensor cable bushing and conduit opening.
7. After completing wiring and Controller calibration, place the Weatherproof Kit cover over the control chassis.
8. Install two 8—32-x-1/4" pan head screws to secure the top of the aluminum cover to the control chassis.
9. Install one 8—32-x-1/4" pan head screw to secure the bottom of the aluminum cover to the bottom plate.

816-10DH or 814-10EH Series Controller installed with Weatherproof Kit

Length – 5.625"

Width – 3.53"

Depth – 2.75"



816-10DH or 814-10EH Controller & Weatherproof Kit Assembly

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