

## Installation Guide

### Product Description

HCO-1151/1152 kits provide additional weather/water resistance for these actuators:

- HCO-1151 for MEP-4xxx, MEP-425xxx, and MEP-5xxx series actuators
- HCO-1152 for MEP-455xxx, MEP-12xx, and MEP-7xxx series actuators

### Kit Contents

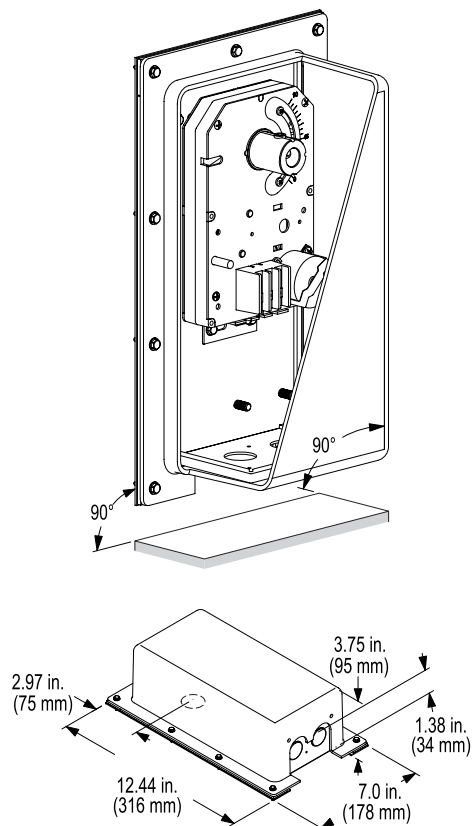
- 1 weather shield
- 1 base plate with factory-installed insulation
- 1 anti-rotation mounting bracket
- 13 (HCO-1151) or 15 (HCO-1152) TEK self-drilling screws

### Tools and Installation Time

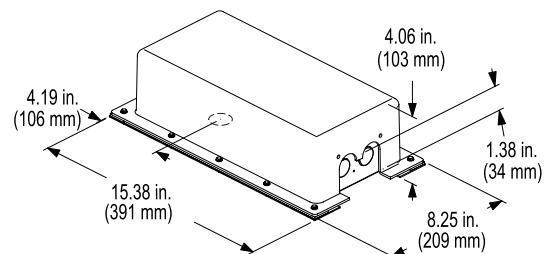
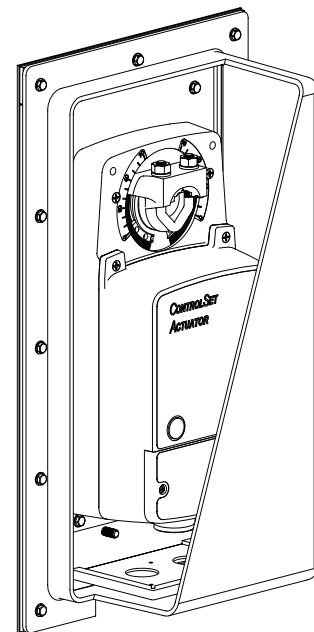
- 1/4-inch nut driver
- Approximately 45 minutes

### Preparation

Obtain appropriate outdoor electrical fittings for connection to the 1/2-inch knockout. See the relevant actuator installation guide for additional details regarding mounting, wiring, and operation of the actuator.



*Mounted HCO-1151 Dimensions*

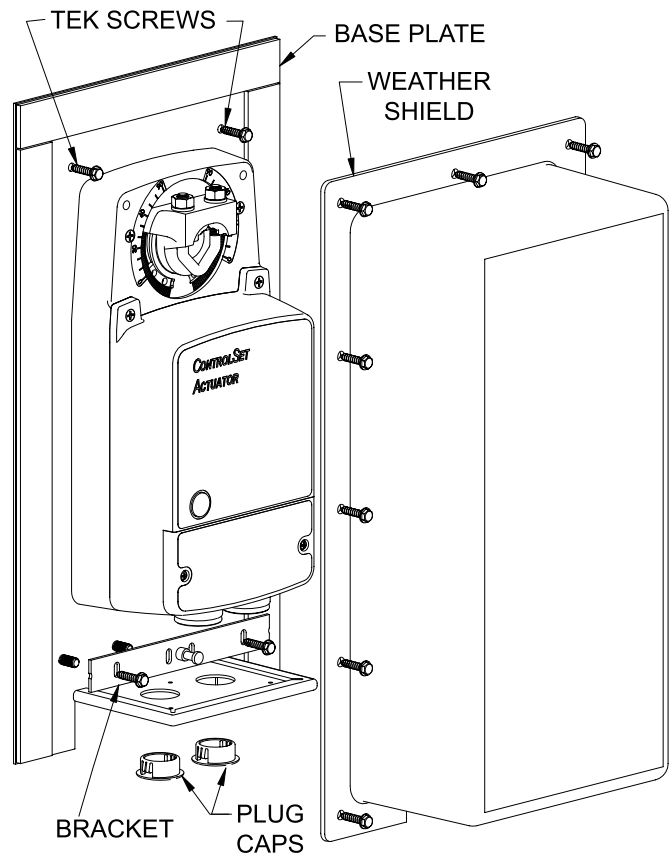


*Mounted HCO-1152 Dimensions*

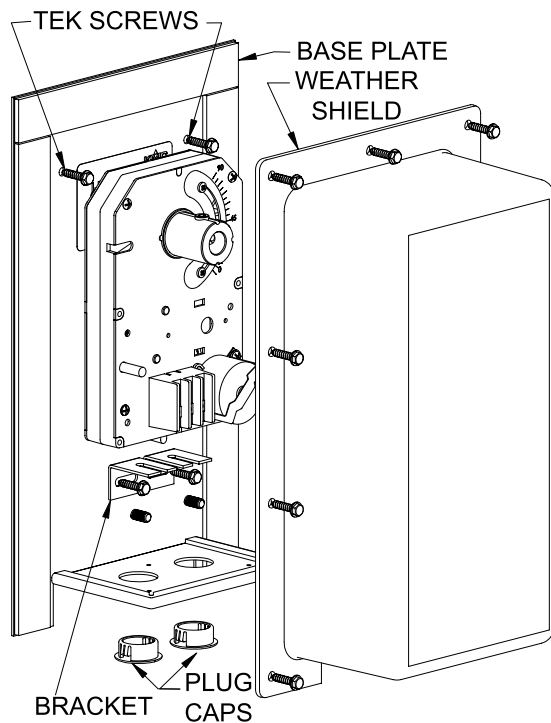
## Mounting and Wiring

**NOTE:** Enclosures are NEMA 3R rated only in the mounting position shown (with conduit holes at the bottom).

1. Center the base plate over the damper (or valve) shaft.
2. Use two TEK screws to hold the base plate to the damper during assembly.
3. Remove the two plug caps from the base plate.
4. Attach the electrical fitting(s) and conduit to the base plate.
5. Feed the actuator wires through the fittings and conduit.
6. Attach the actuator to the damper shaft (following the actuator installation guide instructions) and secure the anti-rotation mounting bracket with TEK screws.
7. Hold the weather shield from the bottom and align the edges with the base plate.
8. Apply light upward pressure to seal the weather shield against the base plate.
9. Use remaining TEK screws to fasten the weather shield to the base plate, starting at the top.
10. Complete the wiring at the junction box.



*Installing HCO-1152*



*Installing HCO-1151*

## Maintenance

No routine maintenance is required. Careful installation will also ensure long term reliability and performance.

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