



# Outlet Zone Damper

## Model OZD

The Outlet Zone Damper (Model OZD) is an opposed blade damper placed inside of the grille, register or outlet, eliminating the need for cutting large holes into the ductwork. Available in all outlet sizes and insert into the rectangular/square outlet opening. Each damper is operated by our 12 VDC damper motors and includes a 100' length of Plenum Rated Cable that just plugs in the damper and panel.

### Standard Sizes:

4"x10", 4"x12", 4"x14"

6"x10", 6"x12", 6"x14"

*Other sizes available upon request*

### Installation:

The OZD is designed to only be placed within grill or register with the actuator facing the inside of the ductwork. **It is up to the discretion of the professional responsible for installation on how to run the Plenum Rated Cable (Model PRC1) to the control board.**

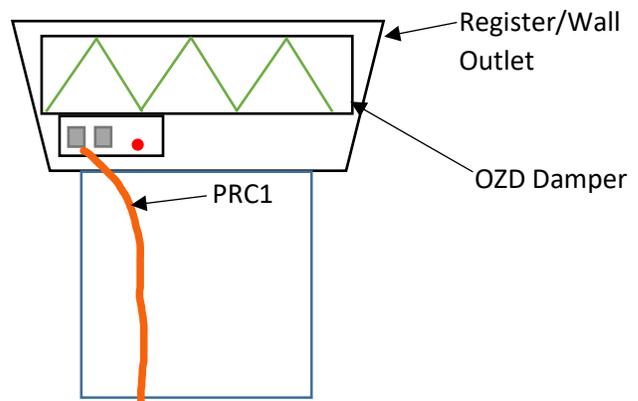
*Suggestion based on our online video tutorial:*

1. Using an adhesive plastic covering, seal all other registers, grills, and outlets sharing the same ductwork.
2. Tie a semi-inflated balloon or grocery bag to one end of a string.
3. Cut a round hole in the duct system near the supply end of the ductwork, large enough for the balloon to be removed from the ductwork easily.
4. Secure the hose of a blower from the supply end to the hole in the ductwork.
5. When the blower is turned on, the negative air pressure created within the plenum will cause the positive air pressure at the register to push the balloon towards the blower.
6. After removing the blower, tie the end of the string at the register/OZD to the Plenum Rated Cable.
7. Pull the balloon and string until the cable is fed through the ductwork.



8. Connect the Plenum Rated Cable to both its respective zone on the control panel and the actuator to the OZD.
9. Repeat steps 1-8 for all other OZD installs.

### Nominal Drawing:



### Damper Specifications:

Construction – Aluminum End Plate and shaft with Galvanized Blade Diran Bushings

Motor Voltage – 12 Volts DC, 50/60 Hz

Torque – 3.98 in. lbs.

Temperature Rating - 0° F to 150°F Operating, -20°F to 140°F Storage

Humidity – 5% to 95% Non-Condensing

Damper Timing – Five (5) Seconds Open/Close

Connection: Modular 4 Wire RJ11

Static Pressure – Maximum 1" W.C.