

EvenAir Damper

Models: MD and MDP Round and Rectangular Series



READ THESE INSTRUCTIONS CAREFULLY AND COMPLETELY BEFORE PROCEEDING WITH THE INSTALLATION.

This device **MUST** be installed by a qualified agency in accordance with the manufacturer's installation instructions. The definition of a qualified agency is: any individual, firm, corporation or company which either in person or through a representative is engaged in, and is responsible for, the installation and operation of HVAC appliances, who is experienced in such work, familiar with all the precautions required, and has complied with all the requirements of the authority having jurisdiction.

Please retain these instructions after installation.

Installed By: _____ Phone: _____ Installation Date: _____

RECTANGULAR MD/MDP SERIES DAMPER INSTALLATION

1. Cut a 4.125" opening in one side of the air duct at the location selected. Ensure the opening is cut fully to the top and bottom air duct seams.
2. Slide the damper assembly into the cut opening of the air duct. Verify that the damper air flow direction is correct prior to installation.
3. Secure the damper assembly mounting plate to the air duct with sheet metal zip screws.
4. Install duct tape around outside of damper mounting plate to prevent air leakage, if necessary.

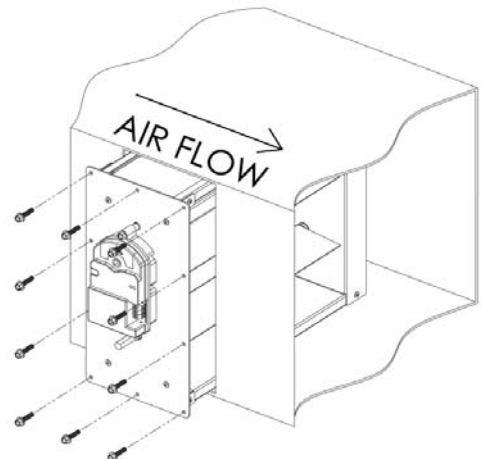


FIGURE 1: Side Mount Damper Assembly



ROUND MD/MDP SERIES DAMPER INSTALLATION

1. Insert the crimped end of the damper into the mating round ductwork. Verify that the damper air flow direction is correct prior to installation.
2. Insert the crimped end of the mating round ductwork into the damper.
3. Secure the damper assembly in place with sheet metal screws at both mating joints.
4. Install duct tape around outside of damper at both mating joints to prevent air leakage, if necessary.

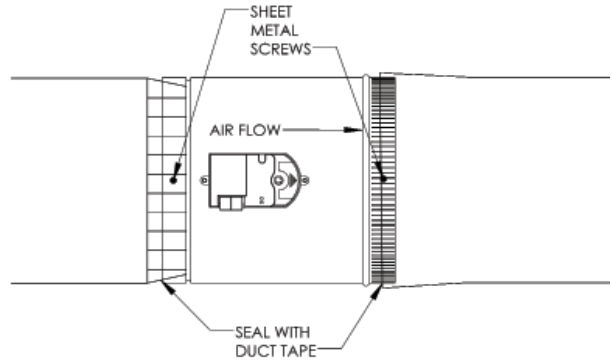


FIGURE 2: Round Mount Damper Assembly

WIRING PROCEDURE

The damper must be connected to appropriate thermostat or wiring hub. For the MD style installation, the damper must be connected to thermostat via 3 wire connection. For the MDP style installation, the damper must be connected to the wiring hub via RJ11 cable.

Each damper actuator is equipped with a RED and GREEN LED to indicate the damper is fully open position (Green) or fully closed position (RED). Refer to the appropriate Evenair thermostat and wiring hub for normal damper operation.

TROUBLESHOOTING PROCEDURE

The damper actuator is a 24VAC motor device that draws up to 2.4mA. Connect a 24 VAC power supply per Figure 3 depending on testing to OPEN or CLOSE the damper.

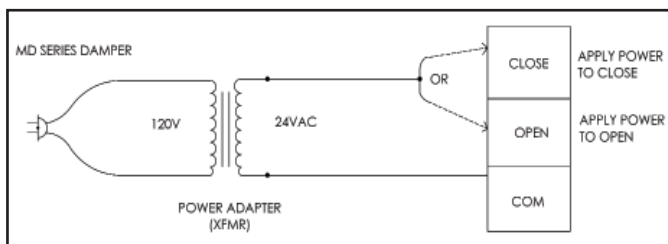


FIGURE 3: MD with Thermostat via 3 wire connection

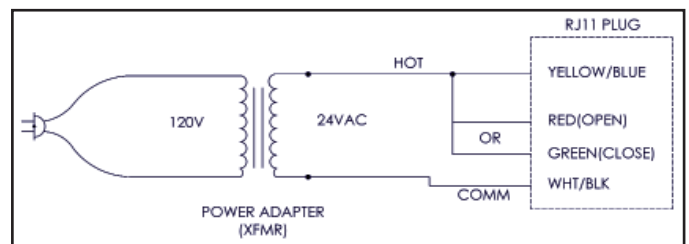


FIGURE 4: MDP with RJ11 Cable

This manual may be downloaded and printed from the Field Controls website (www.fieldcontrols.com)

WARRANTY

**For warranty information about this or any Field Controls product, visit:
www.fieldcontrols.com**

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