

Job:	
Location:	
Engineer:	
Contractor:	
Contractor PO No.:	
Buyer	
Architect:	
Notes:	

Model (s)		Qty	Notes
MWC			
	Size	Qty	Notes
R80DV-			
R80DV-			
R80DVS-			
R80DVS-			
Approval			

MWC



R80DV or
R80DVS

FEATURES

- Eliminates overheating and overcooling.
- Saves energy by reducing heating and cooling to unoccupied spaces.
- Simple installation - 3 wire connection to damper control.
- Simple operation - Little training or support needed.
- Manual Operation - Turn the knob to:
 - Adjust the airflow to spaces that are overheated or overcooled.
 - Reduce airflow to unoccupied spaces.

MWC Wired Damper Control

Includes MWC Wired Damper Control.

R80DV-XX Damper

Modulating, Round, 5-Wire Damper. Unsealed. XX diameter from 6 to 20 inches.

R80DVS-XX Damper

Modulating, Round, 5-Wire Damper. Sealed. XX diameter from 6 to 20 inches.

MWC Wired Damper Control

HVAC Equipment

Use with any equipment. MWC does not control the equipment.

Compatible Thermostat

MWC works with any thermostat.

Airflow Mode

Manual Control.

Airflow Adjustment Range

100% to 0% of nominal airflow.

Airflow Adjustment Increment

5% adjustment to airflow.

Wiring

3-Conductor, 18 or 20 GA thermostat cable.

Power

Not powered.

Installation

Installed directly to wall or installed in a single gang box using hardware provided.

Mechanical

4.88 x 3.13 x .25 inches.

R80DV or R80DVS Damper

Actuator Type

A80VP. Power modulating. Electronic control of the motor for long life.

Actuator Mounting

Two screws. Keyed shaft for automatic alignment.

Wiring to MWC

18 or 20 Ga., 3-conductor thermostat cable connects to MWC.

Wiring for Power

18 or 20 Ga., 2-conductor thermostat cable connects to equipment R and C terminals or a 24VAC, 40VA transformer.

Operation Time

Fully opens in approximately 3 seconds.

LED Indicators

Green LED indicates fully open and red LED indicates fully closed.

Electrical Power

24VAC or 24VDC. 3VA when positioning. 1VA when holding.

Damper Type

Unsealed or Sealed

Damper Material

24 GA galvanized steel.

Blade Material

20 GA galvanized steel.

Temperature, Operating

-20° to 175° F.

Maximum Static Pressure

1.0 inch H₂O.

Multiple Damper Connection

Up to 10 dampers can be connected to a 40VA transformer.

Available Sizes

6" - 20" Diameter.

Warranty

5-year warranty, limited to the repair or replacement of the product due to defective material or workmanship.

eControls

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