

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

Model (s)		Qty	Notes
WRCD			
	Size	Qty	Notes
R80DWL-			
R80DWL-			
R80DWLS-			
R80DWLS-			
Approval			



WRCD



R80DWL or
R80DWLS

FEATURES

- Eliminates overheating and overcooling.
- Saves energy by reducing heating and cooling to unoccupied spaces.
- Simple installation - Only 2 wires to connect. No new wiring within the space.
- Simple operation - Little training or support needed.
- Manual Operation - Press the Up or Down key to:
 - Adjust the airflow to spaces that are overheated or overcooled.
 - Reduce airflow to unoccupied spaces.

WRCD Wireless Remote Damper Control

Includes WRCD Wireless Remote Damper Control and two AAA batteries. Prelinked to R80DWL damper actuator using Zone 01 and Address 01.

R80DWL-XX Damper

Modulating, Round, Wireless Damper. Unsealed. XX diameter from 6 to 20 inches. Prelinked to WRCD using Zone 01 and Address 01.

R80DWLS-XX Damper

Modulating, Round, Wireless Damper. Sealed. XX diameter from 6 to 20 inches. Prelinked to WRCD using Zone 01 and Address 01.

WRCD Wireless Remote Damper Control

HVAC Equipment

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

Compatible Thermostat

WRCD works with any thermostat.

Airflow Mode

Manual Control.

Airflow Adjustment Range

100% to 0% of nominal airflow.

Airflow Adjustment Increment

5% adjustment to airflow.

Total Unique Addresses

Total of 64 unique addresses can be programmed. Zones can be programmed as 1-8 and Addresses can be programmed as 1-8.

Wiring

No wiring required.

Wireless Control

Communicates wirelessly to R80DWL or R80DWLS Damper. See Wireless Specs.

Power

Two AAA batteries.

Installation

Any wall using hardware provided.

Mechanical

1.50 x 5.50 x .50 inches

R80DWL or R80DWLS Damper Wireless Specs

Actuator Type

A80WLD. Power modulating. Electronic control of the motor for long life.

Actuator Mounting

Two screws. Keyed shaft for automatic alignment.

Wireless Control

WRCD communicates damper positions wirelessly. See Wireless specs.

Total Unique Addresses

Total of 64 unique addresses can be programmed. Program Zone # from 1-8 and Address # from 1-8.

Wiring

18 or 20 Ga., 2-conductor thermostat cable connects to a 24VAC, 40VA transformer.

Operation Time

Fully opens in approximately 3 seconds.

LED Indicators

Green LED indicates fully open. Red LED indicates fully closed. Blinking Green and Red LED indicates a modulated position

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.

Wireless Protocol

Uses 915MHz ISM Band.

Wireless Linking

WRCD and R80DWL or R80DWLS prelinked as Zone 1 and Address 1.

Wireless Range

More than 100 feet in a home.

FCC Compliance

Complies with Part 15 of the FCC Rules.

Warranty

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

eControls

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