

R80DWL FEATURES

- Compatible with Direct Damper Controls that use wireless dampers.
- Power Modulating.
- Uses electronic control of the motor for long life.
- Keyed shaft provides automatic alignment of actuator and damper.
- Shafts with nylon bushings for quiet and reliable operation.
- Controls communicate damper position wirelessly.
- Up to 8 unique damper numbers can be programmed when used with a WRDC Wireless Remote Damper Control.



R80DWL Damper Specifications

Output Torque
80 in-oz.

Operation Time
Fully opens in approximately 3 seconds.

LED Indicators
Green LED indicates fully open, red LED indicates fully closed and blinking green/red LED indicates a position between open and closed.

Damper Type
Unsealed or Sealed.

Electrical Power
24VAC or 24VDC. 2.8VA when positioning. 1VA when holding.

Damper
24 Ga Shell with 20 Ga Blade.

Temperature, Operating
-20° to 175° F.

Maximum Static Pressure
1.0 inch H₂O.

Available Sizes
6 to 20 inch diameters.

Wiring
18 or 20 Ga., 2-conductor thermostat cable connects to separate 24VAC, 40VA transformer or the R and C equipment terminals for power.

Multiple Dampers
Up to 6 dampers can be connected to a 40VA transformer.

Wireless Protocol
Uses 915MHz ISM Band. Control and damper default to Damper #1.

Wireless Range
More than 100 feet in a home.

Ordering Information



Model R80DWL-XX
Unsealed damper allows some air leakage when closed



Model R80DWLS-XX
Sealed damper allows very minimal air leakage when closed

Model # - UNSEALED	Model # - SEALED	Description
R80DWL-06	R80DWLS-06	6-inch Round Damper, Wireless
R80DWL-07	R80DWLS-07	7-inch Round Damper, Wireless
R80DWL-08	R80DWLS-08	8-inch Round Damper, Wireless
R80DWL-09	R80DWLS-09	9-inch Round Damper, Wireless
R80DWL-10	R80DWLS-10	10-inch Round Damper, Wireless
R80DWL-12	R80DWLS-12	12-inch Round Damper, Wireless
R80DWL-14	R80DWLS-14	14-inch Round Damper, Wireless
R80DWL-16	R80DWLS-16	16-inch Round Damper, Wireless
R80DWL-18	R80DWLS-18	18-inch Round Damper, Wireless
R80DWL-20	R80DWLS-20	20-inch Round Damper, Wireless

Made in  America

5-Year Warranty

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