



## Wireless Remote Control For Direct Damper Control

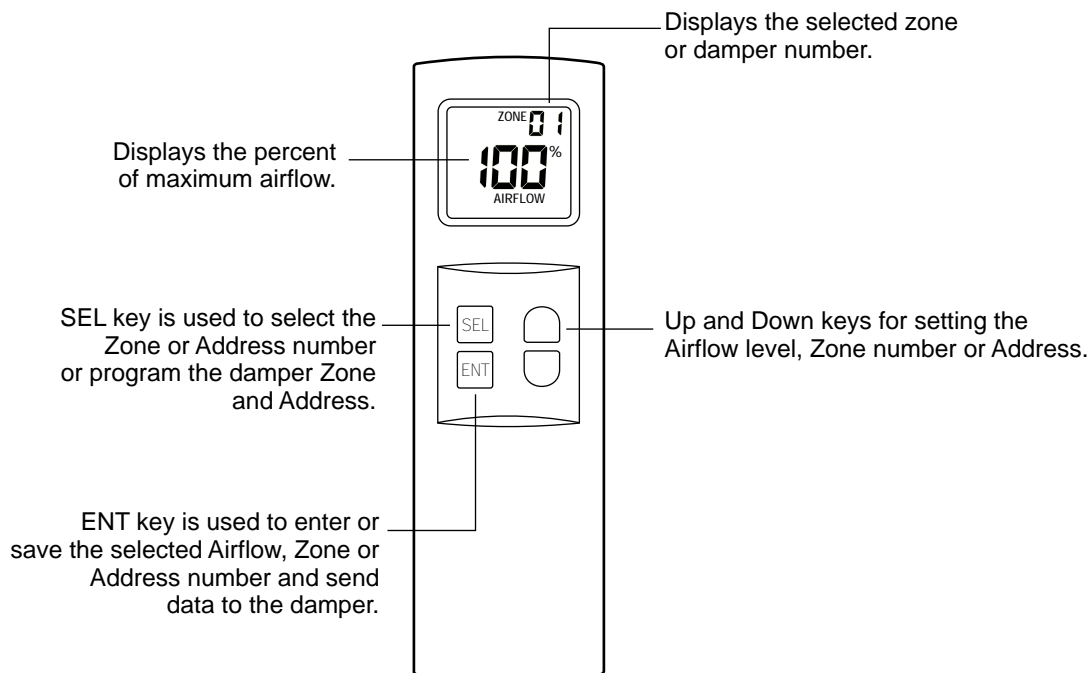
## User Manual Model WRC

Made in USA

### Introduction

The WRC can control airflow from 1024 different wireless dampers installed on ceiling diffusers or registers. Each damper is programmed from the WRC with a Zone number from 1 to 32 and an Address from 1 to 32. Typically, a single WRC would control up to 32 different diffusers or dampers with the same Address. If more than 32 diffusers need to be controlled in a single building, work spaces or floors in that building could be assigned to different Addresses and another WRC used for that floor or work space.

The actuator/damper can be digitally set to any airflow from 0% (fully closed) to 100% (fully open) using the WRC. The remote remembers the setting for each zone when the zone is selected.





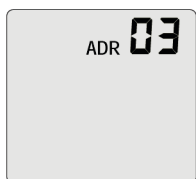
## Selecting the Zone Number

Press and release the SEL key and the LCD will show the Zone number. Use the Up and Down keys to change the Zone number, and press the ENT key. The new Zone number and Airflow will be displayed. Zones or diffusers are numbered 1 to 32.



## Selecting the Address Number

Select a unique address number corresponding to the department, floor or building. Press and release the SEL key twice and the LCD will show the Address number. Use the Up and Down keys to select the Address, and press the ENT key.



## Setting the Damper Zone and Home Address

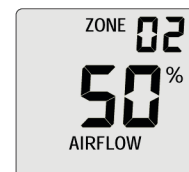
The WCD Damper Actuator must be programmed to receive the remote commands corresponding to the selected Zone and Address numbers. After selecting the Zone and Address numbers as previously described, press the small pushbutton switch on the WCD Damper Actuator. The LED will alternately blink red and green. During the next 30 seconds, the Zone and Address can be programmed into the WCD Damper Actuator.

Press and release the SEL key three times until PRG DPR appears in the lower left corner of the LCD. Press the ENT key and the WCD Damper will be programmed with the Zone and Address number.



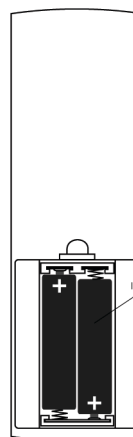
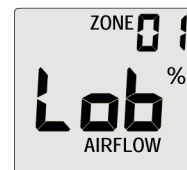
## Adjusting Airflow

After selecting the Zone number, press the Up and Down keys to set the Airflow. Pressing the ENT key sends the new Airflow setting to the WCD Damper.



## Low Battery Warning

When batteries are low, the display will show "Lob" and the batteries should be changed. Lithium AAA batteries should be used for longer life.



Remove battery cover and install two AAA batteries as shown.

## 3-Year Limited Warranty

This is a "Limited Warranty" which gives you specif rights. You may have other rights which vary from state to state.

For a period of three years from the date of purchase, any malfunction caused by factory defective parts or workmanship will be corrected at no cost to you. See the complete Warranty at [eControlsUSA.com](http://eControlsUSA.com).



## Wireless Remote Control

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## Specification

Model WRC

### Remote Control

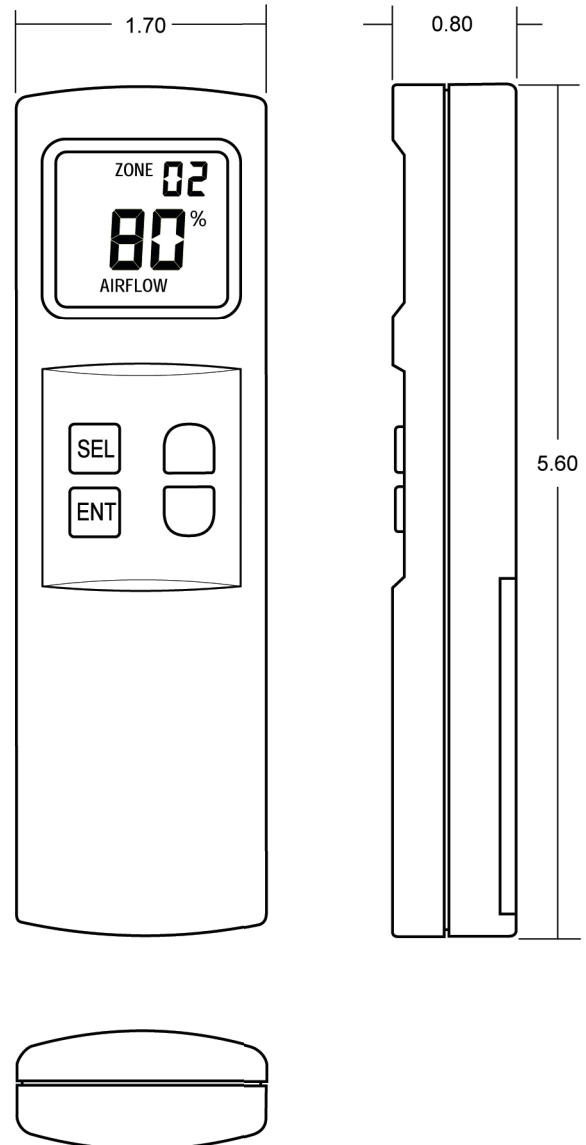
Operation	Remote control of airflow.
Damper	WCD Dampers / A80-WL Wireless Actuator
Airflow Control	100% to 0% or minimum set by mechanical stop on the damper actuator.
Zones	32 different zones or dampers.
Addresses	32 different Addresses to distinguish departments or floors.
Housing	Molded plastic case.
Wireless Control	Uses 915MHz ISM band with proprietary protocol. Indoor range is over 100 feet.
Battery Powered	Uses two AAA batteries.
Dimensions	5.60 x 1.70 x 0.80 inches (LWH)

### Damper

Operation	Wireless remote controlled airflow.
Close Limit	Limit closed position to insure minimum airflow when damper is closed.
Torque	80 oz-in.
Power	24VAC, 2.8VA
Housing	24 Ga galvanized steel.

### Model Number

WRC	Wireless Remote Control
WCD-6	6-Inch Diameter Wireless Control Damper
WCD-8	8-Inch Diameter Wireless Control Damper
WCD-10	10-Inch Diameter Wireless Control Damper
WCD-12	12-Inch Diameter Wireless Control Damper
WCD-14	14-Inch Diameter Wireless Control Damper



### User Options

Zone Number	1 to 32 (1)
Home Number	1 to 32 (1)
Program Damper Address	Zone and Home Number
Adjust Zone Airflow	1 to 100% (100%)

Number in ( ) is factory setting.