

DuroZone®

INSTALLATION INSTRUCTIONS

Model WRC Wireless Remote Control

For use with DuroZone WRCD Remote Control Damper



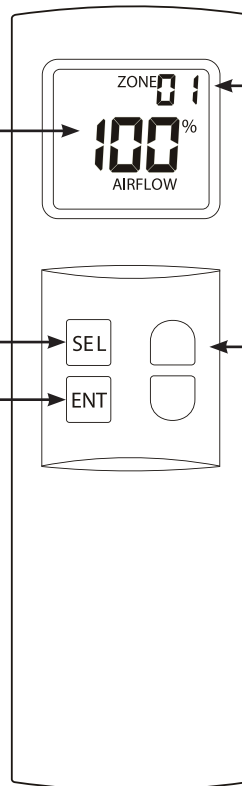
Wireless Remote Control

The WRC can control up to 1024 different WRCD Dampers. Each WRCD damper is programmed from the WRC with a Zone number from 1 to 32 and an Address from 1 to 32. (Up to 32 different dampers (zones) having the same Address may be controlled by a single remote control.) Using the WRC, the WRCD damper can be adjusted from fully open (100% AIRFLOW) to the minimum flow position set in the WRCD motor (0% AIRFLOW). The remote control recalls the setting for each zone (damper) when you select a zone.

Displays the percent of airflow above the minimum flow position set in the WRCD damper motor.

SEL key is used to select a Zone number or an Address in the remote control.

ENT key is used to enter or save the Zone number, the Address, the airflow settings, and send data to the WRCD damper.



Displays the selected Zone (damper) number or Address number.

Up and Down keys for setting the airflow level, Zone number or Address.

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ALL DUROZONE DAMPERS FEATURE:
• 5 year limited warranty • Controlled bypass • Maintenance free operation • Quick install mounting clips (except Round Dampers) • 100% factory testing • Screwless terminals • Custom dampers and special controls are available on request.

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Selecting the Zone Number

A zone is a single WRCD damper or a group of WRCD dampers that are programmed to operate together. 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 are numbered 1 to 32.



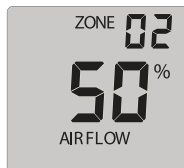
Selecting the Address Number

The address is a convenient way to organize the zones (WRCD dampers). For example, an address might be used to differentiate zones on one floor from zones on another floor or zones at the south end of a building from zones at the north end. Select a unique address (1 to 32). Press and release the SEL key twice and the LCD will show the Address Number. Use the Up and Down keys to change the Address and press the ENT key.



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 actuator. The percent airflow display is based upon the range from the minimum flow position (displayed as 0%) to 100%.



Setting the Damper Zone and Address

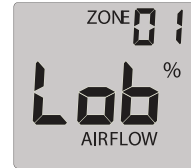
To initiate the motor programming cycle press the small push button on the WRCD motor. The red and green LEDs will blink. During the next 30 seconds the Zone and Address can be programmed into the WCD damper motor.

Press and release the SEL key three times and the LCD will show PRG DPR in the lower left corner. Press the ENT key to program the Zone/Address in the WCD damper.



Low Battery Warning

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



IMPORTANT:

When batteries require replacement or are removed the wireless remote control will need to have the zone and address for each WRCD damper re-entered. To simplify re-programming, be sure to record the zone and address information during initial setup and keep it in an accessible location.

Remove the battery cover and install two AAA batteries as shown.



Install all devices in accordance with applicable electrical and mechanical codes.

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