

The WRDC Wireless Remote Damper Control eliminates overheating, overcooling and conditioning unused spaces to improve comfort and save energy.

Understanding Your WRDC Damper Control

Your installation includes a WRDC Wireless Remote Damper Control and a wireless modulating R80DWL Damper that controls the amount of heating or cooling airflow to a space. The WRDC Remote wirelessly communicates to the R80DWL Damper. Airflow can be adjusted from 100% (damper fully open) to 0% (damper closed).

The WRDC Remote and the R80DWL Damper default to Damper 01. If more than one damper is installed, you will need to select the damper number before making adjustments - See page 2, Selecting the Damper Number.




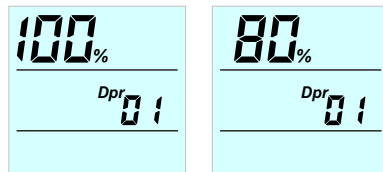
(Damper is sold separately)




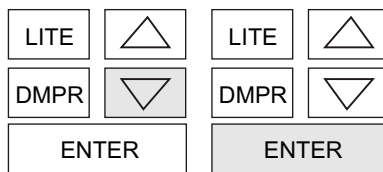
Eliminate Overheating or Overcooling



When the space is overheated or overcooled, simply lower the airflow. The damper partially closes and reduces the amount of heating or cooling to the space. By partially closing the damper, more heating or cooling is redirected to other spaces, improving comfort and saving energy.

Press and hold the  key to reduce the airflow to the space. Start with a 10-20% adjustment.




Press the  key to send the communication to the damper.

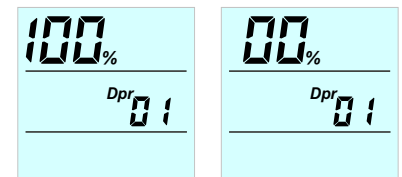



Use the  or  key to make additional adjustments to airflow to achieve your ideal comfort level.

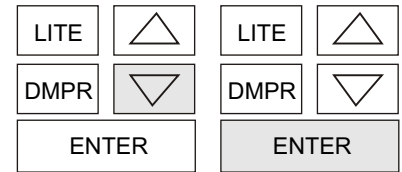
Eliminate Conditioning Unoccupied Spaces



For unoccupied spaces, lower the airflow to a very low setting. The damper closes and significantly reduces the amount of heating or cooling to the space, saving energy. By closing the damper, more heating or cooling is redirected to other spaces.

Press and hold the  key to reduce the airflow to the space. At 0% there will be minimal airflow to the space.



Press the  key to send the communication to the damper.



When the space is occupied, simply press the  key to increase the heating or cooling airflow to the space then press the  key.

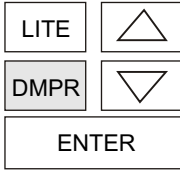
Lite Key

The WRDC Remote includes a **LITE** key that turns on the backlight to easily view the display at night. The backlight also turns on when any key is pressed.

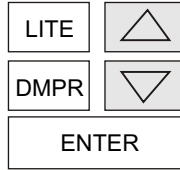
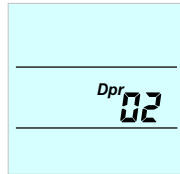


Selecting the Damper Number

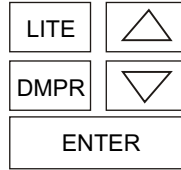
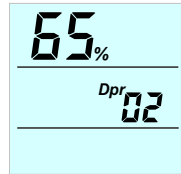
If your WRDC Remote is controlling more than one damper, you will need to select the desired Damper before making an adjustment.



Press the **DMPR** key.



Press the **▲** or **▼** key to select the desired damper. The selection is saved when the backlight turns off.



The airflow for the selected damper is now displayed. Use the **▲** or **▼** key to make an adjustment for the selected damper.

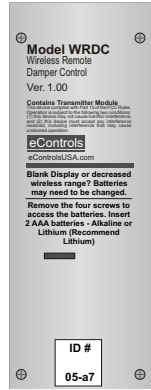
Use the form below to record the Damper number and the corresponding location.

Damper #	Damper Location
Damper 1	
Damper 2	
Damper 3	
Damper 4	
Damper 5	
Damper 6	
Damper 7	
Damper 8	

Changing Batteries

The remote includes 2 AAA batteries. If the backlight does not come on, or if wireless communication is slow or not responsive, it may be time to change the batteries.

- The battery compartment is accessed by removing the four screws on the back of the remote. Be sure the polarity is correct when installing the new batteries. We do recommend that you replace with AAA Lithium batteries.



Troubleshooting

The damper is not controlling airflow.

- Make sure the correct Damper number is selected
- Following a power outage, the damper goes to a fully open position. To update the damper position, press the ENTER key.
- Make sure the damper is powered.
- Change the batteries in the remote.

Power Outage

- When power is restored after a power outage, the damper goes to a fully open position. Press the ENTER key to send a communication to update the damper position. If an adjustment needs to be made, press the Up or Down key to make an adjustment then press the ENTER key.

Airflow set to 0% but I still feel some airflow.

- For unsealed dampers, it's normal to feel a very small amount of airflow. If the airflow is very noticeable, a technician should check to make sure the damper is opening and closing properly.

Limited 5-Year Warranty

The 5-year warranty is limited to the repair or replacement of defective product due to parts failure or defective workmanship.

eControls

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