

# Wall Mounted Remote Control DPCRWS Series

## FEATURES

- Attractive styling suits all décors
- Includes Celsius or Fahrenheit temperature control
- Electronic sensing for temperature by 0.5°C or F
- Economy Setting for temporary temperature settings

## SPECIFICATIONS

### Electrical Rating

- Battery controlled (CR2032 - 3V)

### Temperature Setpoint Range

- 0°C - 30°C and 32°F - 86°F

### Mounting:

- Mounted directly into a standard 2x4 inch vertical electrical outlet box.
- Mounted directly to wall



gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

## Operation

The Wall Mounted Remote control has been designed to control a single, or multiple Linear Proportional Convactor Heaters. It is programmed to pick an address that both the Remote Control and synchronized heaters will use to communicate with each other. The remote sends an RF signal, 5 seconds after any button has been pressed, to the Linear Proportional Convactor Heater.

When the Wall Mounted Remote Control has been synchronized with multiple heaters, the signal will be sent to the closest heater and that heater will then in turn send the signal to the next heater within a 50' (15m) radius. As long as the heaters are located within 50' (15m) of each other and are synchronized with the Wall Mounted Remote, the remote control will control as many as desired.

**! NOTE:** When the heaters and the Wall Mounted Remote Control have been synchronized, it is possible to adjust any of the individual heater settings based on variations from room to room. However, if one of the buttons on the Remote Control is pressed the settings will revert back to the ones on the Remote Control.

### A. Set Point Temperature **88.5**

Pressing the + or - will increase or decrease the desired Set Point Temperature for the room to be heated by 0.5° (in either °C or °F).

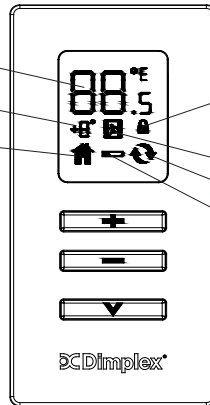
**! NOTE:** Pressing the + and - at the same time will toggle between displaying °C and °F.

### B. Economy Setting

The Economy Setting can be used to change the Setpoint

C

D



- A - Set Point Temperature
- B - Economy Setting Icon
- C - Set Back Temperature Setting
- D - Comfort Setting Icon
- E - Synchronized Icon
- F - Lock Icon
- G - Low Battery Icon
- H - Decrease Button
- I - Increase Button
- J - Menu Button

## IMPORTANT INSTRUCTIONS

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**! FCC CAUTION:** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser)

Temperature for a variable period of time. By pressing the V the Economy Setting will be enabled - signified by the icon flashing. After the Set Back Temperature has been set, the icon will show solid on the display after three seconds and the Set Back Temperature will be enabled.



To return back to the Comfort Setting press the V button and the icon will disappear and the icon will appear.

### C. Set Back Temperature Setting **+8°**

The Set Back Temperature Setting is used during periods when the Economy setting feature is active. This temperature adjustment can be set by pressing the V followed by the + or -.



## D. Comfort Setting

The Comfort Setting icon will be displayed when the Wall Mounted Controller is in normal operation based on the Setpoint Temperature for the room.

! **NOTE:** Either the  or  icon will always be visible, dependent on the setting being used.

## E. Synchronized Icon

The Wall Mounted Remote Control will control one or multiple Linear Proportional Convactor Heaters within a 50' (15 m) radius. In order for the wall setter to have this function the Linear Proportional Convactor and the Wall Setter need to be Synchronized.

1. On the Linear Proportional Convactor press and hold the **V** button for 3 seconds, both the  and  icons will begin to flash.
2. Press the -, + and then **V**, on the Linear Proportional Convactor.
3. Within 10 seconds press any button once on the Wall Setter.

! **NOTE:** There is a 3 second delay between pressing the last button on the wall setter and the LPC's receipt of signal.



! **NOTE:** To desynchronize a Linear Proportional Convactor from the synchronized Wall Setter, on the Linear Proportional Convactor:


1. Press and hold the **V** for 3 seconds.
2. Press the **V**, + and then -.

Nothing will need to be done to the Wall Setter.


## F. Lock Icon

The Wall Mounted Remote Control has a Button Lock feature, to prevent settings from accidentally being changed.

1. Press and hold the **V** for 3 seconds. Both the  and  icons will begin to flash.
2. *To Enable:* Within 5 seconds press +, then -, then +, then -.

The  icon will now be visible.

*To Disable:* Within 5 seconds press -, then +, then -, then +.

The  icon will no longer be visible.

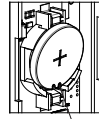
! **NOTE:** The remote control can be locked in either the Comfort or Economy Setting. Ensure that the desired icons are present when locking is complete.

## G. Low Battery Icon

The Wall Mounted Remote Control is powered by a CR2032 (3V) battery. When the battery is nearing the end of its life the Low Battery Icon will appear on the LCD display.

To change the battery:

1. Remove the Wall Mounted Remote Control from the electrical box.
2. Remove the back plastic cover from the remote control.
3. Replace the battery.



Battery Prongs

! **NOTE:** Ensure that battery is installed under bottom battery prongs.

4. Reassemble and remount remote control.

! **NOTE:** Wall Mounted Remote Control will retain all settings while battery is removed and will revert to those settings when power is restored.

## Recycling Notice

At the end of the electrical products useful life it should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or retailer for recycling advice in your country.



## Warranty

**LIMITED WARRANTY:** All Dimplex Thermostats and controllers are warranted against defects in workmanship and materials for one year from date of sale. This warranty does not apply to damage from accident, misuse, or alteration, nor where the connected voltage is more than 5 % above the nameplate voltage, nor to equipment improperly installed or wired or maintained in violation of the instruction sheet. This limited warranty applies only to purchases made in any province of Canada except for Yukon Territory, Nunavut, or Northwest Territories or in any of the 50 States of the USA (and the District of Columbia) except for Hawaii and Alaska. This limited warranty applies to the original purchaser of the product only and is not transferable. No other written or oral warranty applies. No employee, agent, dealer or other person is authorized to give any warranties on behalf of Dimplex. The customer shall be responsible for all costs incurred in the removal or reinstallation and shipping of the product for repairs. Within the limitations of this warranty, inoperative units shall be returned to the nearest Dimplex authorized service center, and we shall repair or replace, at our option, at no charge to you with return freight paid by Dimplex. It is agreed that such repair or replacement is the exclusive remedy available from Dimplex and that DIMPLEX IS NOT RESPONSIBLE FOR DAMAGES OF ANY KIND, INCLUDING INCIDENTAL AND CONSEQUENTIAL DAMAGE. Some States do not allow the exclusion or limitation of consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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