

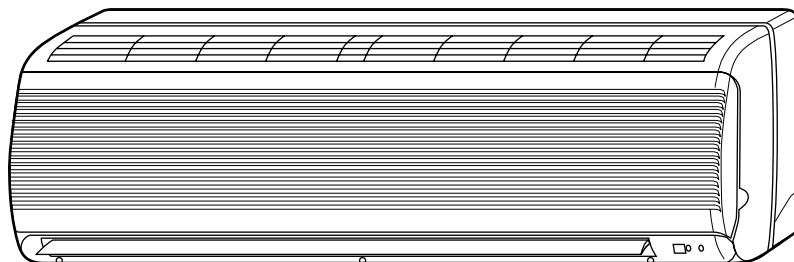
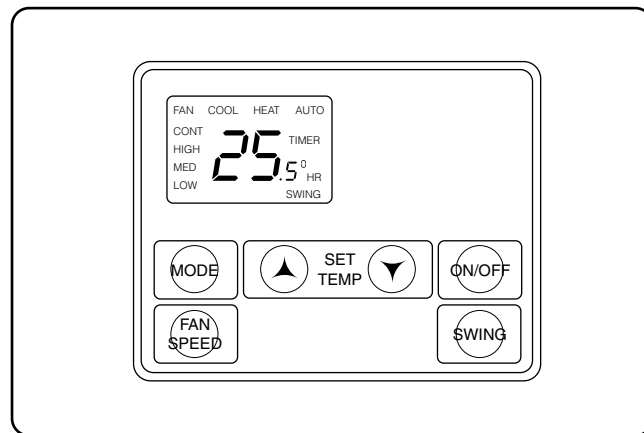


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MiniWall

Wall Mount Control

For High Wall Ductless Evaporators



The Wall Mount Control (WMC-MA) is for use on MiniWall High Wall Ductless Evaporators purchased as of January 2005.

This device replaces the hand-held remote control. When the wall mount control has been connected to the evaporator, the hand-held remote control is non-functional and cannot be utilized.

Installation

1. Make sure all incoming power to the system has been turned off and/or disconnected.

WARNING: Risk of electrical shock can cause injury or death. Disconnect all remote electrical power supplies before servicing.

2. When working with the electronic controls, be careful to avoid any static electricity from discharging into the control board.
3. Remove the front of the unit to gain access to the main control boards.
4. Locate and carefully disconnect the three-conductor, three-pin infrared remote (IR) wire (No. 2) on the main control board. (Refer to Figure 1)
5. The Wall Mount Control is provided with a 12-foot cord. Route the cord through a suitable location of the unit casing.

CAUTION: Do not cut the cord or splice any additional wire into the cord to make it shorter or longer. Control and operation of the device may be compromised.

6. Find a location for the wall mount control (No. 3). Typically this should be mounted about 5 feet above the floor. Note: This device does not contain any sensors.
7. Two #10 x 1" screws are provided behind the front cover for mounting of the control. Depending upon the type of wall structure, another type of fastener may be required and should be provided locally.
8. The Wall Mount Control should be mounted as close as possible to horizontal for aesthetic purposes.
9. Connect the Wall Mount Control's three-pin connector to the main control board where the IR receiver connector had been previously removed. (Refer to Figure 1)
10. Re-install the front cover on the MiniWall High Wall Ductless Evaporator that was removed in step 3.

11. Apply power to the system.

Operation

- a. When power is first applied to the Wall Mount Control, the device will default to:
 - Cool Mode
 - High Fan Speed
 - 75°F (24°C)
 - Timer (Not Functional)
- b. The Wall Mount Control display will be on whether the unit is turned ON or OFF.
- c. Depress and release the ON / OFF button to turn the unit ON or OFF. The signal for either function will occur as soon as the button is released.
- d. The MODE button can be used to cycle through the various operational modes as follows:
 - Cool
 - Heat (Not Functional)
 - Auto (Not Functional)
 - Fan



The selected operating mode will be displayed across the top of the Wall Mount Control.

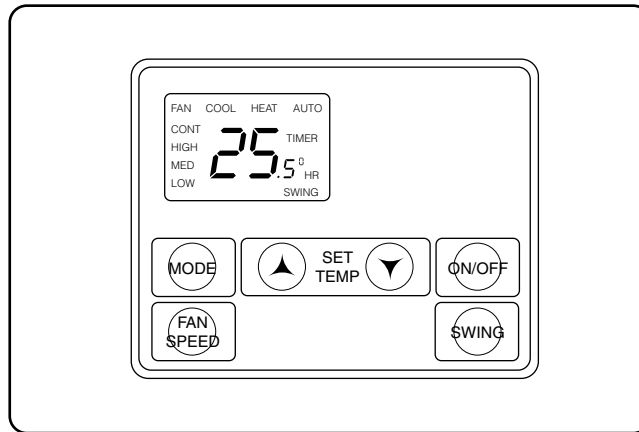
The signal for the selected mode will be activated two seconds after the button is released.

In the FAN mode, the temperature value will be blanked out.

- e. The FAN SPEED button can be used to cycle through the evaporator blower speeds as follows:
 - High
 - Continuous (auto)
 - Low
 - Med

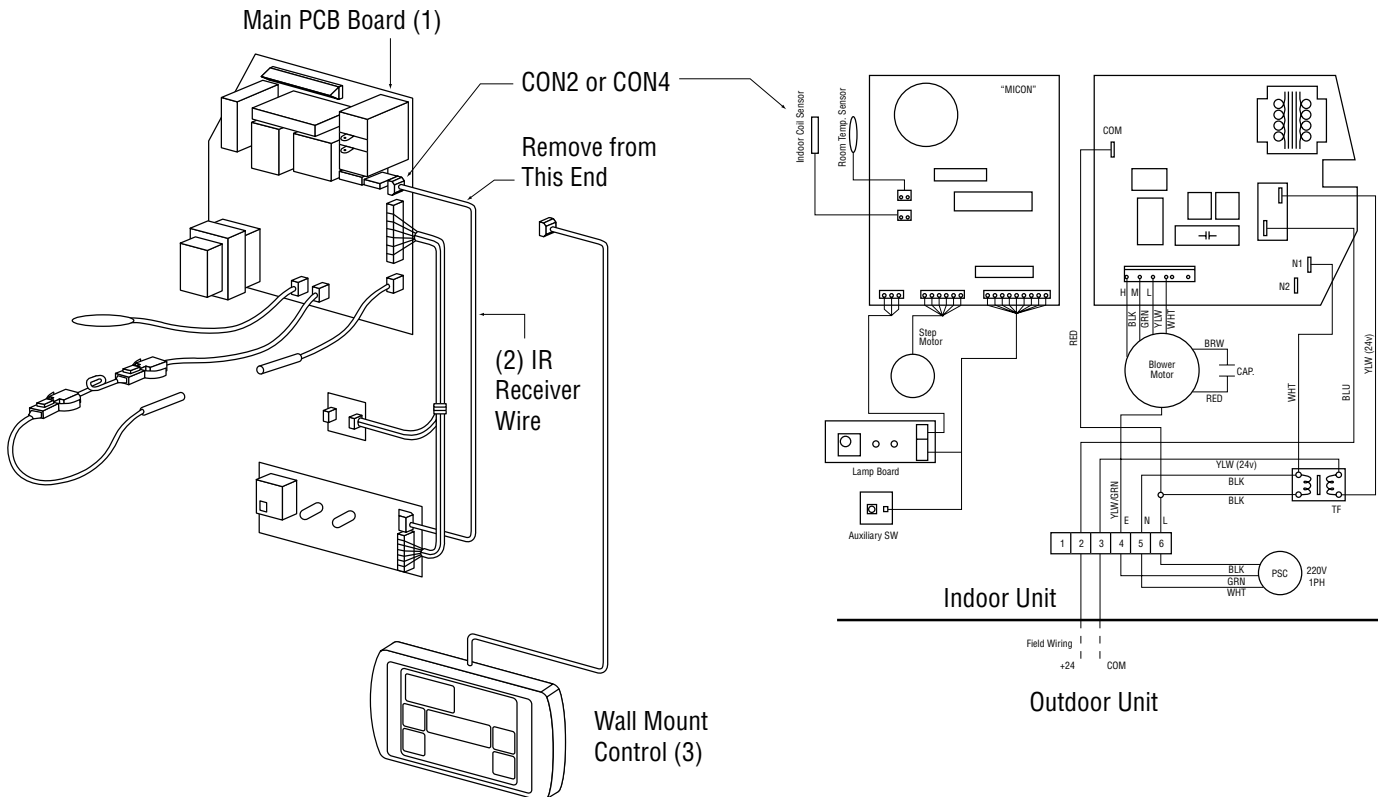
The signal for the selected fan speed will be activated two seconds after the button is released.

- f. Press the SET TEMP keys,  or , to raise or lower the temperature set point. The signal for the temperature setting will be activated two seconds after the button is released.
- g. Press the SWING button to activate or de-activate the swing function for the supply air. When activated the swing function will be shown in the lower right corner of the wall mount display. The signal for the swing function will be activated as soon as the button is released.



United CoolAir Part Number **18CA1102**

Figure 1



- Disconnect the original three-pin IR Receiver Wire (2) connector from the main PCB board (1), CON 2 (single layer board) or CON4 (double layer board).
- Connect the three-pin Wall Mount Control (3) to the main PCB board (1), CON2 (single layer board) or CON4 (double layer board).

Notes



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