



REMOTE CONTROLLER

Applicable Model: X5/XP5/XP7


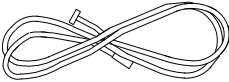

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1. PACKAGE LIST

Please check to ensure you have received all the following items:

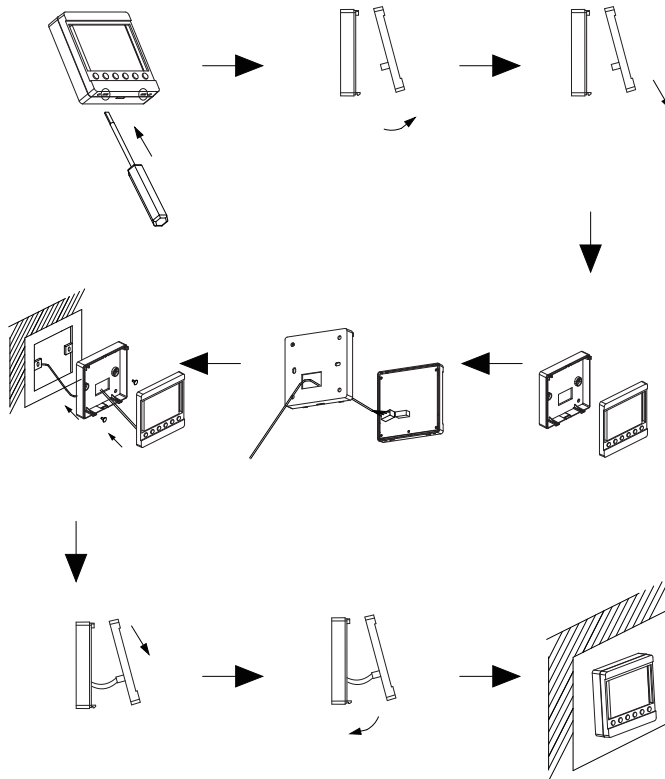
- (1) Remote Controller *1
- (2) Signal Cable (32.8 ft) to Connect the Remote Controller with the Dehumidifier*1
- (3) Screws for Installing the Remote Controller to the Wall *2
- (4) User Manual *1

		
Remote Controller	Signal Cable	Screws

Note: If these accessories do not require immediate installation, please store them in a dry and safe place to prevent loss or damage.

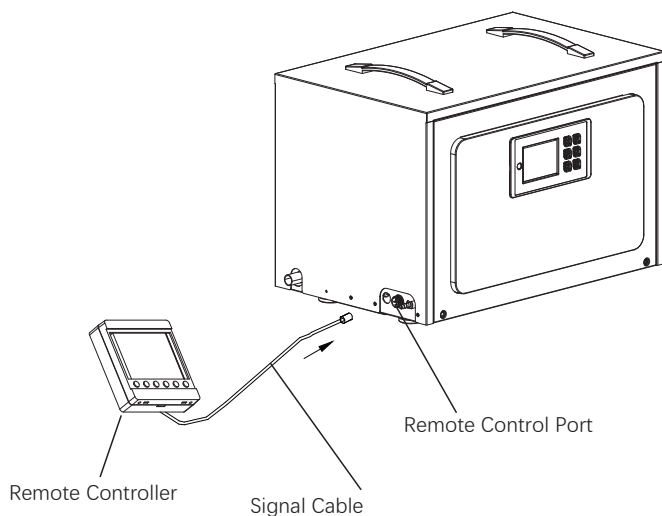
2. INSTALL THE REMOTE CONTROLLER

2.1. Connect the Signal Cable with the Controller, as illustrated below:



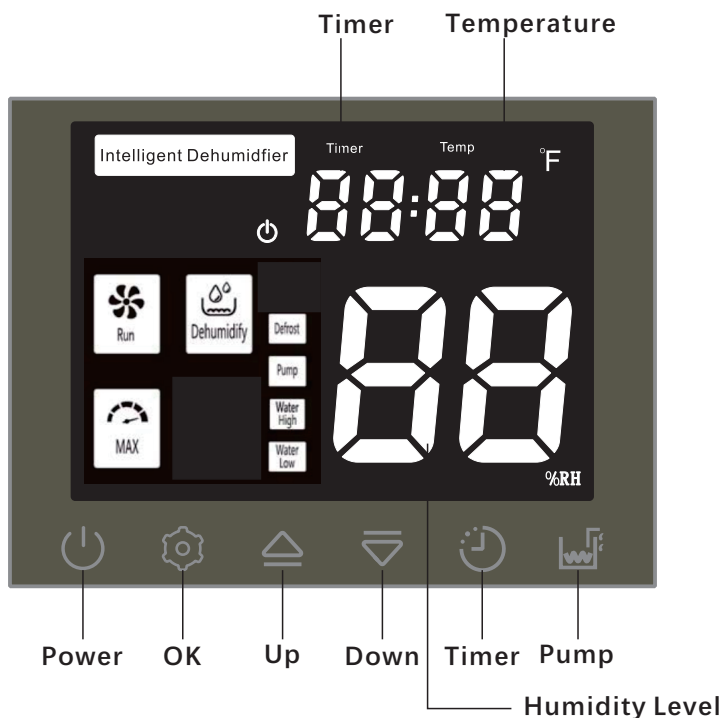
- (1) Carefully insert a flat blade screwdriver or similar tool into the two slots, then gently pry open the controller as shown.
- (2) Thread the signal cable through the rectangular opening on the controller's base plate from the back side.
- (3) Use (M4*12) screws to securely fasten the controller's base plate to the wall.
- (4) Insert the signal cable, which has been threaded through the base plate of the controller, into the designated slot on the controller.
- (5) Reattach the controller cover to the base plate.

2.2. Connect the Signal Cable with the Dehumidifier, as illustrated below:



- (1) Make sure the dehumidifier is turned off and unplugged.
- (2) Securely connect the signal cable to the remote control port on the dehumidifier.
Make sure the cable is in good condition and the connection is secure.
- (3) Plug the dehumidifier in. The controller's backlight will illuminate for 1 to 3 seconds. Please wait until the backlight turns off before operating the controller.

3.REMOTE CONTROLLER OPERATION INSTRUCTIONS





3.1 The Control Buttons


- **Power Button:** Press to toggle the dehumidifier on/off.
- **OK Button:** Press to confirm settings for humidity and/or timer.
- **Up Button:** Press to increase humidity or timer settings.
- **Down Button:** Press to decrease humidity or timer settings.
- **Timer Button:** Press to set a timer.
- **Pump Button:** Press to manually activate the pump.
(The Pump Button is invalid for models without the pump.)

Note: The dehumidifier automatically drains internal condensate when it reaches a certain level, so no action is required for automatic drainage. Use the Pump function only to manually drain the condensate before moving the dehumidifier to prevent leakage or before storing it to avoid mold growth.


3.2 The LCD Displays


 Lights up when the dehumidifier is plugged in but not yet turned on.


 Lights up when the dehumidifier is turned on; off when it's turned off.

 The steady %RH display represents the current room humidity percentage. When adjusting the target humidity percentage value by pressing the Up or Down button, this number flashes the previous setting and updates according to your adjustments until the new setting is confirmed.


 **Run Icon:** Lights up when the fan is running; off when the fan stops.


 **Dehumidify Icon:** Flickers when the compressor has not activated, typically during: ① 3-minute compressor delay status; or ② Delay-start programmed (AUTO ON TIMER).

 **MAX Icon:** Lights up in Continuous Mode with a set humidity value of 10%.

 **Defrost Icon:** Flashes during the defrosting process. During defrosting, the fan operates, but the compressor does not. Once defrosting is complete, the icon disappears and dehumidification resumes.

NOTE: Frequent defrosting signals low room temperature. For optimal performance, especially below 60°F, consider heating the room to enhance drying efficiency.

 **Pump Icon:** Lights up once the dehumidifier is turned on, indicating the pump is in good condition. It flashes when the pump is actively draining condensate.

 **Water High Icon:** Lights up when the pump is automatically draining water.

 **Water Low Icon:** Lights up when the pump's water level is low and hasn't reached the threshold for automatic drainage yet.

3.3 Turn on the Dehumidifier

Press the **Power** button to turn the dehumidifier on. When turned on, the  icon will turn off, and the  icon will illuminate.

3.4 Check Room Humidity

Refer to the **88 %RH** on the control panel to check the current room humidity percentage.

3.5 Set Desired Humidity

Press the Up or Down button to set your desired humidity between 10% and 90%, in 1% increments. Recommended settings typically range between 40% and 60%. The **88 %RH** digital number will turn to display the previous target humidity set point and blink to indicate the setting is being adjusted.

Ensure the set humidity is at least 5% lower than the room humidity. After selecting your target value, press the OK Button to confirm your setting or wait for automatic registration after 5 seconds.

NOTE:

*** This humidistat-equipped dehumidifier maintains room humidity within $\pm 3\%$ of the set point. For example, if set to 50%:**

- If detected humidity drops to 47%, the dehumidifier enters standby mode, indicated by a flashing humidity readout.
- When detected humidity rises to 53%, the dehumidifier restarts automatically.
- * If set humidity equals or exceeds room humidity, the dehumidifier won't start.**
- * Setting target humidity to 10% activates Continuous Dehumidification Mode, running the dehumidifier continuously.**

3.6 Set Auto On/Off Timer

The TIMER function allows scheduling the dehumidifier to turn on (AUTO-ON) or off (AUTO-OFF) after a delay of 1 to 24 hours.

- **To set AUTO-ON timer:** When the dehumidifier is off, selecting Timer activates it after the set hours.
- **To set AUTO-OFF timer:** When the dehumidifier is on, selecting Timer turns it off after the set hours.

Follow these steps to set the TIMER:

- Press the Timer Button, the Timer icon illuminates and the timer digital number changes into 00 H, flashing.
- Adjust the timer setting by pressing the Up or Down button for 1-hour increments, up to 24 hours.
- After selecting the target timer value, press the OK Button to confirm your setting or wait for automatic confirmation after 5 seconds.
- The timer countdown displays remaining time until the dehumidifier starts or stops.
- To disable the timer function, manually turn ON/OFF the dehumidifier, or set the timer to 00.

NOTE:

- Ensure power is supplied to the dehumidifier before setting AUTO ON TIMER.
- For AUTO ON setting, turn on the dehumidifier to select a desired humidity level first; otherwise, it maintains the previous setting.
- You can only set AUTO ON timer when the dehumidifier is off or set AUTO OFF timer when it's on, but not be able to set both AUTO ON and AUTO OFF timer simultaneously.
- TIMER functions only once, not cycling the dehumidifier indefinitely.
- TIMER is disabled if the dehumidifier is manually powered on/off.

3.7 Turn the Dehumidifier off

Press the **Power** button to turn off the dehumidifier. When the dehumidifier is turned off, the  icon illuminates, and the

Intelligent Dehumidifier Icon turns off.

NOTE:

- To protect the compressor, the fan runs for 5 seconds after the dehumidifier shuts off. So please do not disconnect the power cord to force the dehumidifier to stop. Always use the **Power** button.

4. ERROR CODES AND SOLUTIONS

Codes	Solutions
E1,E4	Replace the temperature and humidity sensor
E2	Replace the defrost temperature sensor
E3	Press the Purge button to empty the internal water tray
E6	Eliminate the abnormality of the display panel connection line, and ensure that the DISPLAY interface is connected
-H	Non-faulty, the dehumidifier will automatically resume operation after the room temperature drops
-L	Non-faulty, the dehumidifier will automatically resume operation after the room temperature rises

NOTE: If the problems persist, please turn off and unplug the dehumidifier, and contact Airecoler customer service at service@airecoler.com

Special Note:

When E1, E2 and E4 error occur, the dehumidifier can operate normally but it cannot be controlled intelligently. The dehumidifier will automatically resume operation after the fault is eliminated.



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