

# MRCOOL<sup>®</sup> 5th Gen DIY<sup>®</sup> *Quick Start Guide*»

## Single-Zone Mini-Split Heat Pump A/C Installation

This is a simplified overview. Refer to the full manual at [www.mrcool.com/documentation](http://www.mrcool.com/documentation) for complete safety and warranty information.

### INDOOR INSTALLATION

STEP  
1

#### Mounting Plate Installation

1. Remove the metal mounting plate from the back of the indoor unit.
2. Use the cardboard template to mark drill holes on wall studs.
3. Level the plate and secure it to the wall.

#### STEP 1 VIDEO



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STEP  
2

#### Wall Hole

1. Drill a 3.54" hole through the wall at a slight downward angle.
2. Insert the included wall sleeve.

#### STEP 2 VIDEO



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STEP  
3

#### Prepare Line Set

1. Bend refrigerant pipes to extend straight back.
2. Bundle drain hose (bottom) and refrigerant lines.
3. Push the bundle through the wall.

#### STEP 3 VIDEO



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STEP  
4

#### Mount the Indoor Unit

1. Hook the air handler onto the bracket.
2. Press the bottom into place until it clicks.

#### STEP 4 VIDEO



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STEP  
5

#### Install the USB Dongle

1. Detach USB housing using a screwdriver.
2. Detach USB port from clip.
3. Insert USB Dongle.
4. Reattach port & housing by snapping in place.

#### STEP 5 VIDEO



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# OUTDOOR INSTALLATION & STARTUP

**STEP  
6**

## Outdoor Unit Placement

1. Place the outdoor unit on a pad or bracket with proper clearances.
2. Uncoil the needed length of pre-charged line set.

**STEP 6 VIDEO**



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**STEP  
7**

## Quick Connect® Refrigerant Lines

1. Remove plastic seals.
2. Connect indoor/outdoor lines using wrenches - turn only nut marked '2'.
3. Tighten until snug, then apply final torque.

**STEP 7 VIDEO**



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**STEP  
8**

## Open Service Valves

1. Remove brass caps.
2. Use 5mm Allen wrench to fully open both valves.
3. Reattach caps.
4. Check for leaks.
5. Apply sound-deadening pads.

**STEP 8 VIDEO**



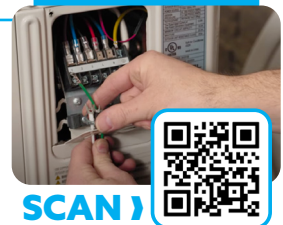
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**STEP  
9**

## Electrical Wiring

1. Open the electric panel.
2. Match the wires in accordance with the wiring diagram located on the inside of the wiring cover of the outdoor unit.
3. Secure tightly and close the cover.

**STEP 9 VIDEO**



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**STEP  
10**

## Final Wrap-Up & Test

1. Insert batteries into remote and power the system on.
2. Run through system modes to ensure that the system is working properly.

**STEP 10 VIDEO**



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Visit: [www.mrcool.com/support](http://www.mrcool.com/support) | Call: (270) 366-0457

Smartphone App Setup: See instructions included with the Smart Controller Module.



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