

Please read this manual carefully before installation and keep it for future reference.

Installation & Owner's Manual



MRCOOL®

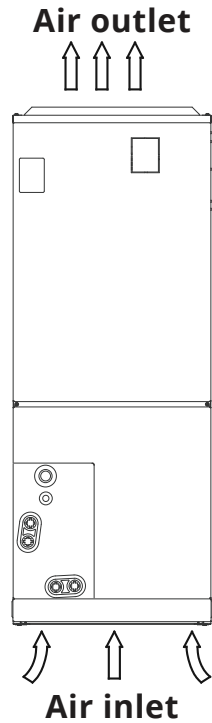
COMFORT MADE SIMPLE

Hyper-Heat Single-Zone 24K-60K Ducted Air Handler & Condenser

Due to updates and constantly improving performance, the information and instructions within this manual are subject to change without notice. Please visit www.mrcool.com/documentation to ensure you have the latest version of this manual.

Version Date: 06/27/23

Indoor Unit Overview



Operating Temperature Ranges

	COOL Mode	HEAT Mode	DRY Mode
Room Temperature	61°F - 90°F (16°C - 32°C)	32°F - 86°F (0°C - 30°C)	50°F - 90°F (10°C - 32°C)
Outdoor Temperature	5°F - 122°F (-15°C - 50°C)	-22°F - 75°F (-30°C - 24°C)	32°F - 122°F (0°C - 50°C)

NOTE: The unit is designed to be operated in the temperatures in the above chart for safe and effective operation. If the unit is operated outside of these temperatures, it could become less efficient and/or malfunction.

Features

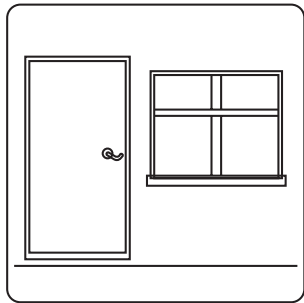
Refrigerant Leak Detection System (some models)

In the event of a refrigerant leak, the LCD screen will display "ELOC" and the LED indicator light will flash.

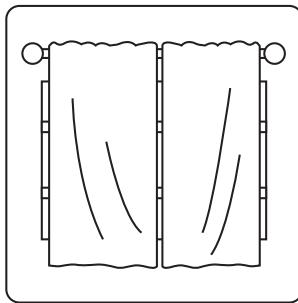
NOTE

1. Requirements of wired controller: Control AXU function for live heating.
2. The default temperature of the unit during the first start up is 60.8°F (16°C) during cooling mode and 86°F (30°C) during heating mode. When the unit stops running it is at the current room temperature.

Optimal Operation



Doors and windows should be kept closed.



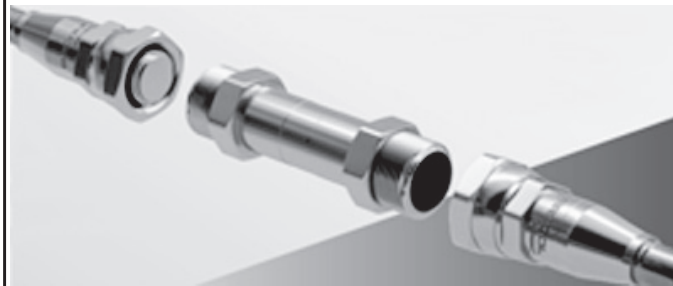
Closing the curtains while heating also helps keep the heat in

To achieve optimal performance, please note the following:

- ⊘ **DO NOT** put any objects near the air inlets & outlets. Doing this would impair performance.
- ⊘ **DO NOT** set the unit to excessive or extreme temperature levels.
 - While cooling, close curtains to avoid direct sunlight.
 - Keep windows and doors closed, as this will keep cool or warm air in the room.
 - Limit energy usage by using scheduling functions.
 - Clean the air filter every two weeks.
 - Replace the air filter every 30 to 90 days depending on thickness and the filter's MERV rating (minimum efficiency reporting value).
 - Adjust louvers properly and avoid direct airflow.




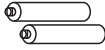
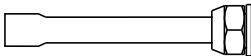



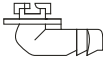




Additional Line Sets & Coupler Kit

If you find the default line set lengths are not sufficient for your application, additional line sets are available for purchase. You will also need a coupler kit (pictured below), which allows line sets to be connected together. The coupler kit is installed and checked for leaks by following the same steps described in this manual for connecting the line set to the indoor air handler (Refer to Section 6: Refrigerant Piping Connections for these steps).



Accessories

The listing below shows the accessories and parts (these may vary depending on purchase & options). Use all of the installation parts and accessories to install the system. Improper installation may result in water leakage, electrical shock, fire, and/or equipment failure.

PART	LOOKS LIKE...	QUANTITY	
Owner's & Installation Manual		1	
Remote Controller		1	
Remote Controller User Manual		1	
Batteries		2	
Stub Pipes (2 packed with indoor unit, 2 packed outdoor unit)		4	3/8" (1 with indoor / 1 with outdoor) 3/4" (1 with indoor / 1 with outdoor)
Thermostat		1	
Thermostat Manual		1	
Fastening Belts		2	
Drain Joint (Packed with outdoor unit)		1	
Seal (Packed with outdoor unit)		1	
Foam Insulator		4	
Copper Nut 3/8" (1) 3/4" (1)		2	
No-Vac® Quick Connect® Line Set*		Not Included	Optional Parts

*Pat. <https://mrcool.com/mrcool-patents/>

Note: Illustrations are for explanatory purposes only - The actual shape and size may vary.