NOTE TO EQUIPMENT OWNER:
Please read this Owner’s Information Manual carefully before installing and using this appliance and keep this manual for future reference.

For your convenience, please record the model and serial numbers of your new equipment in the spaces provided. This information, along with the installation data and dealer contact information, will be helpful should your system require maintenance or service.

UNIT INFORMATION
Model # __________________________
Serial # __________________________

INSTALLATION INFORMATION
Date Installed ____________________

DEALERSHIP CONTACT INFORMATION
Company Name: ____________________
Address: __________________________
__________________________
Phone Number:____________________
Technician Name:__________________
__________________________
A NOTE ABOUT SAFETY

Any time you see this symbol ▲ in manuals, instructions and on the unit, be aware of the potential for personal injury. There are three levels of precaution:

**DANGER** identifies the most serious hazards which will result in severe personal injury or death.

**WARNING** signifies hazards that could result in personal injury or death.

**CAUTION** is used to identify unsafe practices which could result in minor personal injury or product and property damage.

**NOTE** is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

<table>
<thead>
<tr>
<th>▲ WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PERSONAL INJURY, DEATH AND / OR PROPERTY DAMAGE HAZARD</strong></td>
</tr>
<tr>
<td>Failure to follow this warning could result in personal injury, death or property damage. Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock, or other conditions which may cause personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or service agency must use factory-authorized kits or accessories when modifying this product. Read and follow all instructions and warnings, including labels shipped with or attached to unit before operating your new air conditioner.</td>
</tr>
</tbody>
</table>

**GENERAL**

The floor console fan coil unit provides quiet, maximum comfort. In addition to cooling and/or heating, the floor console fan coil unit matched with an outdoor condensing unit filters and dehumidifies the air in the room to provide maximum comfort. **IMPORTANT**: The floor console fan coil unit should be installed by authorized personnel only; using approved tubing and accessories. If technical assistance, service or repair is needed, contact the installer.

The floor console fan coil unit can be set up and operated from the remote control (provided). **If the remote is misplaced, the system can be operated from the “Auto” setting on the unit.**

**Operating Modes:**

The floor console fan coil unit has five operating modes:

- **Fan only**
- **Auto**
- **Heating** (heat pump models only)
- **Cooling**
- **Dehumidification (DRY)**

**Fan Only**

In **FAN ONLY** mode, the system filters and circulates the room air without changing room air temperature.

**Auto**

In **AUTO** mode, the system automatically cools or heats the room according to the user-selected set point.

**Heating**

In **HEATING** mode, the system heats and filters the room air.

**Cooling**

In **COOLING** mode, the system cools, dries and filters the room air.

**Dehumidification (DRY)**

In **DEHUMIDIFICATION** mode, the system dries, filters and slightly cools the room air temperature. This mode prioritizes air dehumidification but it **does not** take the place of a dehumidifier.

**Wireless Remote Control**

The remote control transmits commands to set up and operate the system. The control has a window display panel that displays the current system status. The control can be secured to a surface when used with the mounting bracket provided.

**Wired Remote Control (Optional)**
PART NAMES

INDOOR UNIT

1. Air flow louver (at air outlet)
2. Air inlet (with air filter inside)
3. Installation section
4. Remote controller
5. Display panel
6. Drain pipe

Fig. 1 – Indoor Unit
FUNCTION BUTTONS

Before you begin using your new air conditioner, make sure to familiarize yourself with the remote control. The following is a brief introduction to the remote control.

ON/OFF
Turns the unit on or off.

MODE
Scrolls through operation modes as follows:
AUTO → COOL → DRY → HEAT → FAN

FAN/SLC
Selects fan speeds in the following order:
AUTO → LOW → MED → HIGH

Hold down this button for 2 seconds to activate the Silence function.

SLEEP
Saves energy during sleeping hours.

TURBO
Enables unit to reach preset temperature in shortest possible time.

SELF CLEAN
Starts and stops self clean feature.

FP
Activate/Disable freeze protection function.

TEMP ▲
Increases temperature in 1°F (1°C) increments. Max. temperature is 86°F.

TEMP ▼
Decreases temperature in 1°F (1°C) increments. Min. temperature is 62°F.

NOTE: Press and hold ▲ and ▼ buttons together for 3 seconds to alternate the temperature display between the °C & °F scale.

TIMER ON
Sets timer to turn unit on.

TIMER OFF
Sets timer to turn unit off.

SWING/DIRECT
Starts and stops louver movement.

FOLLOW ME
Temperature sensing and room temperature display button.

LED
Turns indoor unit’s LED display on and off.

If you are sensitive to light when you go to sleep, you can press the LED button to turn off the LED display on the indoor unit. Press the button again to turn it back on.

Fig. 2 Remote Controller

Fig. 3 Display Panel

Fig. 4 – Remote Controller
Wireless Remote Display

Transmission Indicator
Lights up when the remote sends a signal to indoor unit

MODE display
Displays the current mode, including:
- AUTO
- COOL
- DRY
- HEAT
- FAN

ON/OFF display
Appears when the unit is turned on, and disappears when it is turned off

TIMER ON display
Displays when TIMER ON is set

TIMER OFF display
Displays when TIMER OFF is set

SLEEP display
Displays when SLEEP function is activated

FOLLOW ME display
Indicates that the FOLLOW ME function is on

FAN SPEED display
Displays selected FAN SPEED: HIGH, MED, or LOW
This display is blank when set to AUTO speed or DRY mode.

SILENT display
Displays when silence function is activated

Temperature/Timer display
Displays the set temperature by default, or timer setting when using TIMER ON/OFF functions
- Temperature range: 62-86°F
- Timer setting range: 0-24 hours
This display is blank when operating in FAN mode.

Battery display
Low battery detection

ECO display
Not available for this unit

FRESH display
Not available for this unit

Temperature range: 62-86°F
Timer setting range: 0-24 hours

Fig. 5 – Wireless Remote Display
REMOTE CONTROL

**CAUTION**

**EQUIPMENT DAMAGE HAZARD**

Failure to follow this caution may result in equipment damage.
Handle the control with care and avoid getting the control wet.

**IMPORTANT:** The remote control can operate the unit from a distance of up to 26 ft. (8 m) as long as there are no obstructions.

When the timer function is used, the remote control should be kept in the vicinity of the fan coil (within 26 ft / 8 m).

The remote control can perform the following basic functions:
- Turn the system ON and OFF
- Select operating mode
- Adjust room air temperature set point and fan speed
- Adjust airflow direction

Refer to the Remote Control Function section for a detailed description of all the capabilities of the remote control.

**Battery Installation**

Two AAA 1.5v alkaline batteries (included) are required for operation of the remote control.

To install or replace batteries:
1. Slide the back cover off the control to open the battery compartment.
2. Insert batteries. Follow the polarity markings inside the battery compartment.
3. Replace the battery compartment cover.

**NOTE:**
1. When replacing batteries, do not use old batteries or a different type battery. This may cause the remote control to malfunction.
2. If the remote is not going to be used for several weeks, remove the batteries. Otherwise battery leakage may damage the remote control.
3. The average battery life under normal use is about 6 months.
4. Replace the batteries when there is no audible beep from the indoor unit or if the Transmission Indicator fails to light.
5. When batteries are removed, the remote control erases all programmed settings. The control must be reprogrammed after insertion of new batteries.

---

Remote Control Operation – Quick Start

**NOTE:** When transmitting a command from the remote control to the unit, be sure to point the control toward the right side of the unit. The unit confirms receipt of a command by sounding an audible beep.

1. Turn the unit on by pushing the ON/OFF button.
2. If there is a preference for °C rather than °F (default), press and hold the increase ▲ and decrease ▼ temperature set point buttons together for approximately 3 seconds.
3. Select the desired mode by pushing the mode button.

![Fig. 6 − Modes](image)

4. Select the temperature set point by pointing the control toward the unit and pressing the increase/decrease temperature set point buttons until the desired temperature appears on screen.
5. Select the desired fan speed by pressing the FAN button.

**NOTE:** If the unit is operating in DRY or AUTO mode, the fan speed will be automatically set.

6. Set the airflow direction. When the unit is turned on, the up−down airflow louvers default to the cooling or heating position. The user can adjust the horizontal up−down airflow louver position by pushing the DIRECT button or have continuous louver movement by pressing the SWING button.

**Manual Operation**

If the remote control is lost, damaged, or the batteries are exhausted, the MANUAL button can be used to run the unit.

When the MANUAL button is pressed once, the AUTO mode takes affect (heat or cool). When this button is pressed twice, the system enters the TEST mode and runs for 30 minutes in the COOLING mode (it runs in AUTO mode afterward). When pressed three times, the system turns OFF.

**Fig. 7 − Manual Button**

The set conditions of manual operation are as follows:
- Preset set point: 76°F (24°C)
- Fan speed: AUTO
- Discharge air direction: Pre−set position based on operation in “Cool”or “Heat” mode.
REMOTE CONTROL FUNCTIONS

Pressing the On/Off Button
When the air conditioner is not in operation, the remote control displays the last set point and mode.

- Press the On/Off button to start the unit.
  - The unit starts in the last operating mode and set point. The ON/OFF indicator appears.
- Press the button On/Off to stop the unit.
  - All the indicator lights on the unit go out, and the remote control displays the set point and mode.

NOTE: If the On/Off button is pressed too soon after a stop, the compressor will not start for 3 to 4 minutes due to the inherent protection against frequent compressor cycling. The unit only emits an audible beep when the signals are received correctly.

Selecting an Operating Mode
Use the OPERATING Mode button to select one of the available modes.

Selecting the Room Temperature Set Point
Press the increase temperature set point ▲ and decrease ▼ buttons to raise or lower the temperature.

The unit confirms the signal receipt with a beep and the value of the set temperature appears on the display and changes accordingly. The temperature can be set between 62°F (17°C) and 86°F (30°C) in increments of 1°F or 1°C.

NOTE: In the COOLING mode, if the temperature selected is higher than the room temperature, the unit will not start. The same applies for the HEATING mode if the selected temperature is lower than the room temperature.

Selecting the Fan Speed

AUTO  LOW  MED  HIGH  A14362

The fan speed can be selected by pressing the FAN button.

NOTE: When the unit is on, the fan runs continuously in cooling or heating. When in heating, there might be situations where the fan will slow down or shut off to prevent cold blow.

Selecting the Up–Down Airflow Louver Position
To optimize comfort, the horizontal louver should be adjusted as shown below.

When COOLING
Adjust the up–down airflow louver downwards or horizontally (see Fig. 10).

When HEATING
Adjust the up–down airflow louver vertically (see Fig. 11).

Air Direction
Press the DIRECT button repeatedly to choose one of the up–down airflow louver positions. Every time this button is pushed, the specific louver swings by 30 degrees.

In the COOLING, DEHUMIDIFICATION, and FAN ONLY modes, the up–down airflow louver swings in the cooling range. In the HEATING mode, the louver swings in the heating range.

NOTE: Always use the remote control to adjust the up–down airflow louver position, otherwise abnormal operation may occur. If the horizontal louver is manually adjusted out of its range, power the unit off and then back on again.
**Auto Swing**

For automatic horizontal up–down airflow louver swing, push the SWING button.

**Selecting Right–Left Direction of the Louver**

The right-left louvers can be adjusted manually to direct the airflow to achieve optimal comfort in the space; a knob can be found on the right side and the left side of the louvers.

**AIRFLOW SELECTION**

1. Open the front panel.

   **CAUTION**

   Before opening the front panel be sure to stop the operation and turn the breaker OFF.

   Do not touch the metal parts on the inside of the indoor unit, as it may result in injury.

2. Make the airflow selection that best suits you.

   When setting the air flow selection switch to  
   - The air conditioner automatically determines the appropriate blowing pattern based on the operating mode or situation.

   **Table 1 – Operating Mode**

<table>
<thead>
<tr>
<th>OPERATING MODE</th>
<th>COOL MODE</th>
<th>HEAT MODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Situation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>When the room totally cools, or when one hour has passed since turning on the air conditioner</td>
<td>At the start of the operation or other times when the room is not totally cooled.</td>
<td>At times other than below (normal time)</td>
</tr>
<tr>
<td>Blowing Pattern</td>
<td>So air does not come into direct contact with people, air is blown from the upper air outlet, and the room temperature is equalized.</td>
<td>Air is blown from the upper and lower air outlets for high speed cooling during the COOL mode, and for filling the room with warm air during the HEAT mode (see Fig. 14).</td>
</tr>
</tbody>
</table>

   **Adjust the Air Flow Direction Left and Right**

   Hold the knob and move the louver. Locate the knob on the left–side and the right–side blades (see Fig. 13).

   **CAUTION**

   Do not adjust the up–down airflow louver by hand.

   When adjusting by hand, the mechanism may not operate properly or condensation may drip from the air outlets.

   **When Setting the Air Outlet Selection Switch to  
   - Regardless of the operating mode or situation, air blows from the upper air outlet.
   - Use this switch when you do not want air coming from the lower air outlet; for example while sleeping.**
Timer Function
TIMERO N (to start the unit) and TIMERO FF (to stop the unit) can be used separately or together.

TIMERO N only
This function allows the unit to start automatically at the set time. The TIMERO N can be set while the unit is on or off.

UNIT ON
a. Press the TIMERO N button to initiate the auto-on time sequence. The set time is displayed in the remote control display. Every time the TIMERO N button is pressed, the time increases by 30 minutes, up to 10 h. It increases by 60 minutes, afterwards, until the time setting reaches 24 h.
b. When the TIMERO N is set, the TIMER light on unit illuminates. The unit continues to run at the set time.

UNIT OFF
a. Set the timer described in the UNIT ON section.
b. The unit starts at the set time.

Adjust the TIMERO N settings to 0.0 to cancel this option.

TIMERO FF only
This function allows the unit to stop automatically at the set time. The timer can be set while the unit is on or while it is off.

UNIT ON
a. Press the TIMERO FF button to initiate the auto-off time sequence. The set time appears on the remote control display.
b. When the TIMERO FF is set, the timer light on unit illuminates and the unit turns off automatically at the set time.

UNIT OFF
a. Set the TIMERO FF as described in the UNIT ON section.
b. Adjust the TIMERO N settings to 0.0 to cancel this option.

Timer ON and Timer OFF
Use both functions to program the unit to turn on and shut off at specified times.

UNIT OFF
a. Set TIMERO N as previously described.
b. Set TIMERO FF as previously described. The unit starts automatically at the set TIMERO N and turns off at the set TIMERO FF.

UNIT ON
a. Set TIMERO FF as previously described.
b. Set TIMERO N as previously described. The unit turns off automatically at the set TIMERO FF and turns on at the set TIMERO N.

Sleep Mode
SLEEP mode is used to conserve energy and can be used when the unit is in the COOL, HEAT or AUTO mode only.

Cool Mode
a. Push the SLEEP button. After 1 hour the set point is lowered by 1.8°F (1°C).

Heat Mode
Same as cooling mode however set points are lowered by 1.8°F (1°C).

Turbo Mode
Use the TURBO mode to cool or heat the room rapidly.
a. Press the TURBO button. An audible “beep” is heard if the indoor unit supports this function. The fan runs on super high speed. The TURBO mode terminates automatically 20 minutes after pushing the TURBO mode button. It can be terminated immediately by selecting the TURBO mode again. When the TURBO mode is terminated, the unit reverts to the original setting.

Self Clean Mode
Press the “Self Clean” button to activate or deactivate the self-cleaning function. Under this function, the air conditioner automatically cleans and dries the evaporator. The cleaning cycle takes 30 minutes, after which the unit turns off automatically. Press SELF CLEAN on the middle of the cycle cancels the operation and turn off the unit. This function can be activated only on COOL or DRY mode.

Follow Me Mode
Press the “Follow Me” button to activate or deactivate this function. Under this setting, the temperature that appears in the remote control is the actual temperature at its location. The remote control sends this signal to the air conditioner every 3 minutes. This function is not available for DRY and FAN modes.

Freeze Protection Mode
Press the “FP” button for approximately 2 seconds to activate or deactivate the freeze protection mode (heating set back). The indoor unit displays “FP”.

NOTE: This function is only available in the heating mode.

Under this function, the unit operates at high fan speed and the coil temperature automatically sets to 46°F (8°C). This mode can also be deactivated by pressing the “ON/OFF”, “SLEEP”, “MODE”, “FAN”, or either “TEMP” buttons.

Silence Mode
NOTE: The Silence Mode (SLC Button) is not available on this model.

LED Light
Press the LED button to turn the display light on and off.

Resetting the Remote Control
If the batteries in the remote control are removed, the current settings will be cancelled and the control returns to the initial settings and will be in standby mode. Push the ON/OFF button to activate it.

Time Delay
If the ON/OFF button is pressed too soon after a stop, the compressor will not start for 3 to 4 minutes due to the inherent protection against frequent compressor cycling. The unit only emits an audible beep when the signals are received correctly.

Heating Features
If the unit is in the heating mode, there is a delay when the fan starts. The fan starts only after the coil is warmed up to prevent cold blow.

Auto Defrost Operation
In the HEATING mode, if the outdoor coil is frosted, the indoor fan and outdoor fan turns off while the system removes the frost on the outdoor coil. The system automatically reverts to normal operation when frost is removed from the outdoor unit.

Auto Start
If the power fails while the unit is operating, the unit stores the operating condition, and it will start operation automatically under those conditions when the power is restored.
**CLEANING, MAINTENANCE AND TROUBLESHOOTING**

### CAUTION

**ELECTRICAL SHOCK HAZARD**
Failure to follow this caution may result in personal injury or death.
Always turn off power to the system before performing any cleaning or maintenance to the system. Turn off the outdoor disconnect switch located near outdoor unit. Be sure to disconnect indoor unit if on a separate switch.

---

**EQUIPMENT DAMAGE/OPERATION HAZARD**
Failure to follow this caution may result in equipment damage or improper unit operation.
Operating the system with dirty air filters may damage the indoor unit and could cause reduced cooling performance, intermittent system operation, frost build-up on indoor coil or blown fuses.

**Periodic Maintenance**
Periodic maintenance is recommended to ensure proper operation of the unit. Recommended maintenance intervals may vary depending on the installation environment, e.g., dusty zones, etc. (refer to Table 2).

---

**CAUTION**

**CUT HAZARD**
Failure to follow this caution may result in personal injury.
The coil fins are very sharp. Use caution when cleaning.
Always wear safety protection.

**Cleaning the Coil**
Clean the coil at the beginning of each cooling season, or when necessary. Use a vacuum cleaner or a long-bristle brush to avoid damage to the coil fins.

**Air Filters**
Remove and clean the air filters once a month.
**NOTE:** If air filters show signs of excessive wear or are torn, they must be replaced. Contact your local dealer for replacement filters.

1. Open the front panel.

![Fig. 15 – Open the Front Panel](A150660)

2. Remove the air filter.

![Fig. 16 – Remove the Air Filter](A150661)

3. Remove the carbon filter. Hold the frame’s tabs and remove the four claws. The carbon filter can be renewed by washing it with water once every 6 months. It is recommended to replace the carbon filter every year.

![Fig. 17 – Carbon Filter](A150680)

4. Clean the air filter. A vacuum cleaner or pure water may be used to clean the air filter. If the dust accumulation is excessive, please use soft brush and mild detergent to clean it and dry out in cool place.

**IMPORTANT:** The air-in side should face up when using vacuum cleaner. The air-in side should face down when using water.

5. Set the air filter and the carbon filter as they were and close the front panel. Operating the unit without the air filters may result in equipment damage or even failure as dust will accumulate inside the indoor unit.

---

**CAUTION**

**EQUIPMENT DAMAGE HAZARD**
Failure to follow this caution may result in equipment damage.
When cleaning the front panel, do not use water hotter than 105°F (40.6°C) and do not pour water onto the fan coil. Do not use abrasive or petroleum based cleaners as they may damage the front panel.
Indoor Unit Front Panel
To clean the front panel on the indoor unit, wipe the outside with a soft, dry cloth.

Preparing for Extended Shutdown Period
Clean the filters and reposition them in the unit. Operate the unit in FAN ONLY mode for 12 hours to dry all internal parts.

Turn main power supply off and remove batteries from the remote control.

System Operation Recommendations
The items outlined in the following list help to assure proper system operation:

- Replace both remote control batteries at the same time.
- Point the remote control toward the unit display panel when transmitting a command.
- Keep doors and windows closed while unit is operating.
- Contact an authorized service representative if a problem arises that cannot be easily resolved.
- Do not perform cleaning or maintenance activities while the unit is on.

Energy Saving Recommendations
The following recommendations adds greater efficiency to the ductless system:

- Select a comfortable thermostat setting and leave it at chosen setting. Avoid continually raising and lowering the setting.
- Keep the filter clean. Frequent cleaning may be necessary depending on indoor air quality.
- Use drapes, curtains or shades to keep direct sunlight from heating the room on very hot days.
- Limit the unit’s run time by using the TIMER function.
- Do not obstruct the air intake on the front panel.
- Turn on the air conditioning unit before the indoor air becomes too uncomfortable.

Troubleshooting
Refer to Table 3 before contacting your local dealer.

<table>
<thead>
<tr>
<th>PROBLEM</th>
<th>POSSIBLE CAUSE</th>
<th>SOLUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit/System Does Not Work</td>
<td>The circuit breaker has tripped or a fuse has blown.</td>
<td>Reset the circuit breaker or replace the fuse with the specified replacement fuse.</td>
</tr>
<tr>
<td></td>
<td>Power failure.</td>
<td>Restart operation when the power is restored.</td>
</tr>
<tr>
<td></td>
<td>Diagnostic lights illuminate.*</td>
<td>Call your service representative.</td>
</tr>
<tr>
<td></td>
<td>Voltage is too low.</td>
<td>Call your service representative.</td>
</tr>
<tr>
<td></td>
<td>The filter is blocked with dust.</td>
<td>Clean the air filter.</td>
</tr>
<tr>
<td></td>
<td>Temperature is not set properly.</td>
<td>Check the temperature and reset if necessary.</td>
</tr>
<tr>
<td></td>
<td>A window or door is open.</td>
<td>Close the window or door.</td>
</tr>
<tr>
<td></td>
<td>The outdoor unit is obstructed.</td>
<td>Remove the obstruction.</td>
</tr>
<tr>
<td></td>
<td>The fan speed is too low.</td>
<td>Change the fan speed selection.</td>
</tr>
<tr>
<td></td>
<td>The operation mode is in Fan instead of Cool.</td>
<td>Change the operating mode to Cool or reset the unit.</td>
</tr>
<tr>
<td>Cooling is Not Working Properly</td>
<td>The circuit breaker has tripped or a fuse has blown.</td>
<td>Reset the circuit breaker or replace the fuse with the specified replacement fuse.</td>
</tr>
<tr>
<td></td>
<td>Power failure.</td>
<td>Restart operation when the power is restored.</td>
</tr>
<tr>
<td></td>
<td>Diagnostic lights illuminate.*</td>
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</tr>
<tr>
<td></td>
<td>Voltage is too low.</td>
<td>Call your service representative.</td>
</tr>
<tr>
<td>Heating is Not Working Properly</td>
<td>The filter is blocked with dust.</td>
<td>Clean the air filter.</td>
</tr>
<tr>
<td></td>
<td>Temperature is set too low.</td>
<td>Check the temperature and reset if necessary.</td>
</tr>
<tr>
<td></td>
<td>A window or door is open.</td>
<td>Close the window or door.</td>
</tr>
<tr>
<td></td>
<td>The outdoor unit is obstructed.</td>
<td>Remove the obstruction.</td>
</tr>
<tr>
<td>Unit Stops During Operation</td>
<td>The Off timer is not operating correctly.</td>
<td>Restart the operating mode.</td>
</tr>
<tr>
<td></td>
<td>Diagnostic lights illuminate.*</td>
<td>Call your service representative.</td>
</tr>
</tbody>
</table>

* Diagnostic lights are a combination of lights that will illuminate in the display area on the unit. They are a combination of the lights you see during normal operation.