# DLFSCH

# **Owner's Manual**

# Ductless Unit Split System - Sizes 06, 09, 12, 18, 24, 30 and 36

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# 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 #	DEALERSHIP CONTACT INFORMATION Company Name:
Serial #	Address:
INSTALLATION INFORMATION Date Installed	Phone Number:
	Technician Name:

# A NOTE ABOUT SAFETY

Any time you see this symbol  $\bigwedge$  in manuals, instructions and on the unit, be aware of the potential for personal injury. There are 3 levels of precaution:

- 1. **DANGER** identifies the most serious hazards which will result in severe personal injury or death.
- 2. **WARNING** signifies hazards that could result in personal injury or death.
- 3. **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.

# WARNING

# PERSONAL INJURY, DEATH AND / OR PROPERTY DAMAGE HAZARD

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.

# GENERAL

The high wall fan coil unit provides quiet, maximum comfort. In addition to cooling and/or heating, the high wall fan coil unit matched with an outdoor condensing unit filters and dehumidifies the air in the room to provide maximum comfort.

**IMPORTANT:** The high wall 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 high wall 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 "Forced Auto" setting on the unit (see "Manual Operation (without remote control)" on page 11).

# **Operating Modes**

The high wall fan coil unit has five operating modes:

- FAN Only
- AUTO
- HEATING
- COOLING
- DEHUMIDIFICATION (Single Zone Only)

# FAN Only

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

# <u>AUTO</u>

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

NOTE: AUTO mode is recommended for use on single zone applications ONLY. Using AUTO CHANGEOVER on multi-zone applications could set an indoor unit to STANDBY mode, indicated with two dashes (--) on the display, which will turn off the indoor unit until all the indoor units are in the same mode (COOLING or HEATING). HEATING is the system's priority mode. Simultaneous HEATING and COOLING is not allowed.

# HEATING

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

# **COOLING**

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

# **DEHUMIDIFICATION (DRY)**

In the **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. This feature cannot be used in a multi-zone system.

# **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)

Refer to the Wired Controller manual.

# 24V Interface (Optional)

Allows the control of the Ductless System with a third party thermostat.

# **Smartphone Control (Optional)**

Capability to be controlled by a smartphone adding the Wi-Fi® Interface Kit KSAIF0301AAA (sold separately).

# PART NAMES AND DISPLAY



Fig. 1 —Indoor Unit

# WIRELESS REMOTE CONTROL

Before you begin using your new air conditioner, familiarize yourself with the remote control. "REMOTE CONTROL" on page 6 through "FEATURES" on page 10 for more information on these controls.



Fig. 2 — Remote Control Functions

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# WIRELESS REMOTE CONTROL LCD SCREEN INDICATORS



### Fig. 3 — Wireless Remote Controller Indicators

# **REMOTE CONTROL**

# **BASIC REMOTE CONTROL OPERATION**

Before operation, ensure the unit is plugged in and power is available.

# **A** 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 the operating mode
- Adjust room air temperature set point and fan speed
- Adjust right-left airflow direction

Refer to the "WIRELESS REMOTE CONTROL" on page 4 for a detailed description of all the capabilities of the remote control.

# **Battery Installation**

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

# To install or replace batteries:

- 1. Slide the back cover off the control to open the battery compartment.
- 2. Insert the batteries. Follow the polarity markings inside the battery compartment.
- 3. Replace the battery compartment cover.

### NOTES:

- 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.

When batteries are removed, the remote control erases all presets (e.g., **Follow Me**). The presets must be restored after the insertion of new batteries.

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# 1. Press **MODE** to select the **COOL** mode.

2. Set your desired temperature using the **TEMP**  $\wedge$  or **TEMP**  $\vee$ .

Fig. 4 —COOL Mode

- 3. Press FAN to select the fan speed in a range of AU'100%,
- 4. Press ON/OFF to start the unit.

# Setting Temperature

COOL Mode

The operating temperature range for units is  $60-86^{\circ}F$  ( $16-30^{\circ}C$ )/( $68-82^{\circ}F$  ( $20-28^{\circ}C$ ) (depends on model). You can increase or decrease the set temperature in  $1^{\circ}F$  ( $0.5^{\circ}C$ ) increments.

# **HEAT Mode**

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1.

FAN Mode

**DRY Mode** 

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Fig. 7 — DRY Mode

- Press MODE to select the DRY mode.
- Set your desired temperature using **TEMP**  $\wedge$  or **TEMP**  $\vee$ . 2.
- 3. Press ON/OFF to start the unit.



Press MODE to select the HEAT mode.

Press FAN to select the fan speed in the range of AU-100%. 3.

NOTE: As the outdoor temperature drops, the performance of your unit's HEAT function may be affected. In such instances, we recommend using this air conditioner in conjunction with other heating appliances.

Fig. 5 —HEAT Mode

# **AUTO Mode**

1.

In AUTO mode, the unit automatically selects the COOL, FAN, or HEAT operation based on the set temperature.



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Fig. 6 — AUTO Mode

- Press MODE to select AUTO. 1.
- Set your desired temperature using **TEMP**  $\wedge$  or **TEMP**  $\vee$ . 2.
- Press **ON/OFF** to start the unit. 3.

NOTE: FAN Speed can not be set in the AUTO mode.



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- 1. Press MODE to select the FAN mode.
- Press FAN to select the fan speed in the range of AU-100%. 2.
- Press ON/OFF to start the unit. 3.

# 1



# **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 **ON/OFF**.

**NOTE:** If there is a preference for  $^{\circ}$ C rather than  $^{\circ}$ F (default), press and hold the + and - temperature set point buttons together for approximately 3 seconds.

2. Select the desired mode by pushing **MODE**.

► AUTO → COOL → DRY → HEAT → FAN →

### Fig. 9 — Modes

- 3. 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.
- 4. Press **FAN** to select the desired fan speed.

NOTE: If the unit is operating in DRY or AUTO mode, the fan speed will be automatically set and cannot be adjusted.

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 **DIRECT** or have continuous louver movement by pressing **SWING**. When the outside temperature is below  $32^{\circ}F(0^{\circ}C)$ , we strongly recommend maintaining power on the unit to ensure smooth ongoing performance.

To optimize unit performance, perform the following:

- Keep doors and windows closed
- Limit energy usage by using TIMER ON and TIMER OFF functions.
- Do not block air inlets or outlets.
- Regularly inspect and clean air filters.

# **Set Function**



Fig. 10 —Set Function

- 1. Press SET to enter the FUNCTION setting.
- 2. Press SET or TEMP  $\checkmark$  or TEMP  $\checkmark$  to select the desired function.
- 3. When the selected symbol flashes on the display, press OK to confirm.

To cancel the selected function, perform the same steps.

Press SET to scroll through the operation functions as follows:

Breeze away (  $\rho^{\times}$ ) → Active clean (  $\Rightarrow^{\wedge}$ ) → Fresh<sup>\*</sup>( $\rho$ ) → Sleep(  $\vartheta$ ) → Follow Me( $^{\circ}$ ) → AP mode<sup>\*</sup>( $^{\circ}$ ) → Breeze away.... [\*]: Model dependent

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### Breeze Away Function &:

This feature avoids direct air flow from blowing on the room's occupants.

# NOTE: This feature is available under COOL, FAN and DRY mode only.

### Active Clean Function 🚣 :

The Active Clean Technology clears away dust, mold, and grease that may cause odors when it adheres to the heat exchanger by automatically freezing and then rapidly thawing the frost. When this function is turned on, the indoor unit window displays "CL", after 20 to 45 minutes, the unit turns off automatically and cancels the CLEAN function.

### **FRESH Function** $\wp$ :

When the **FRESH** function is initiated, the Ionizer/Plasma Dust Collector (depending on models) is energized and helps to remove pollen and impurities from the air.

### SLEEP Function ම:

The **SLEEP** function is used to decrease energy use while you sleep (and do not need the same temperature settings to remain comfortable). This function can only be activated via remote controller. For the detail, see **SLEEP OPERATION** in the User's Manual.

### NOTE: The SLEEP function is not available in FAN or DRY mode.

### FOLLOW ME Function &:

The FOLLOW ME function enables the remote control to measure the temperature at its current location and sends this signal to the air conditioner every 3 minutes. When using the AUTO, COOL or HEAT modes, measuring the ambient temperature from the remote controller (instead from the indoor unit itself) allows the air conditioner to optimize the temperature around the occupants to ensure maximum comfort.

# NOTE: Press and hold BOOST for seven seconds to start/stop the FOLLOW ME MEMORY feature.

- IF the MEMORY feature is activated, "ON" appears on the display for 3 seconds.
- If the MEMORY feature stops, "OFF" appears on the display for 3 seconds.

### NOTE: When the FOLLOW ME Memory feature is activated, it will not be canceled by pressing ON/OFF, MODE or power failure to the indoor unit.

**AP Function**  $\widehat{\neg}$  (requires Wi-Fi kit installation (purchased separately): Select the **AP** function to configure the wireless network. For some units, it does not work by pressing **SET**. To enter the **AP** mode, continuously press **LED** seven times for 10 seconds.

### FREEZE Protection

With the unit in **HEAT** mode and the wireless remote pointed at the indoor unit, press the down arrow until the setpoint is 60°F (16°C). Press the down arrow two times within two seconds to activate the 46°F (8°C) heating function (heating set back). The unit will now operate at a set temperature of 46°F (8°C). The indoor unit display shows **FP**. No icon appears on the remote control.

**NOTE: This function is only available in the heating mode.** Under this function, the unit heats at high fan speed until the space temperature is 46°F (8°C). This mode can also be deactivated by pressing

ON/OFF, SLEEP, MODE, FAN, or either TEMP arrow.

# **FEATURES**

The unit provides the following features for added comport and safety.

# Time Delay

If **ON/OFF** 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

If the unit is in **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.

# Auto-Restart

If the unit loses power, it automatically restarts with the prior settings once power has been restored.

# Anti-mildew

When turning off the unit from **COOL**, **AUTO** (**COOL**), or **DRY** modes, the air conditioner continues to operate at very low power to dry up any condensed water and prevent mildew growth.

# Wireless Control

Wireless control allows users to control the air conditioner using a mobile phone and a wireless connection. For the USB device access, replacement, maintenance operations must be carried out by professional staff.

# Louver Angle Memory

When turning on the unit, the louver automatically resumes its former angle.

# Breeze Away

This feature avoids direct air flow from blowing on inhabitants.

# **Refrigerant Leak Detection**

The indoor unit automatically displays **EL0C** when it detects refrigerant leakage.

# **Occupancy Sensor**

The system is controlled intelligently under the **Occupancy Sensor** mode. The feature detects the movement in the room. In **COOLING** mode, when occupants are away for 30 minutes, the unit automatically lowers the frequency to save energy (for Inverter models only). And the unit automatically starts and resumes operation when movement is detected. This feature cannot be used in a multi-zone system.

# **Resetting the Remote Control**

If the batteries in the remote control are removed, the current settings cancel and the control returns to the initial settings and enters the **STANDBY mode**. Push **ON/OFF** to activate.

### NOTE: For multi-zone air conditioners, the following functions are not available: ACTIVE CLEAN, SILENCE, BREEZE AWAY, REFRIGERANT LEAKAGE DETECTION, DRY and ECO.

# Setting Vertical Angle of Air Flow

While the unit is on, press **SWING** on the remote control to initiate the horizontal louver **AUTO SWING** feature.

NOTE: When using the COOL or DRY mode, do not set the louver at too high of an angle for long periods of time. Doing so can cause water to condense on the louver blade, which may drop on your floor or furnishings.

When using the COOL or HEAT mode, setting the louver at too high of an angle can reduce the performance of the unit due to restricted air flow.

# Setting Horizontal Angle of Air Flow

When the unit is on, press and hold **SWING** for 2 seconds on the remote control to initiate the vertical louver auto swing feature to control the horizontal angle of the airflow.

# **ECO/Gear Function**

Used to enter the **ENERGY EFFICIENT** mode and is only available in the **COOLING** mode. When in **COOLING** mode, press **ECO/GEAR**, the remote controller will maintain the temperature automatically between 75°F and 86°F, and set the fan speed to Auto.

Operation time in the **ECO** mode is 8 hours. After 8 hours, or if a conflicting setting is engaged, the air conditioner exits this mode.

Gear operation is engaged by cycling through the **ECO/GEAR** operations. After **ECO**, there is a setting for up to 75% and 50% of the unit's electrical consumption. The last step in the cycle is the previous unit setting before **ECO** setting is engaged again and the cycle starts over.

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### **SILENCE Function**

Press FAN for more than 2 seconds to activate/disable the SILENCE function. Due to the compressor's low frequency operation, it may result in insufficient cooling and heating capacity. Press ON/OFF, MODE, SLEEP, TURBO or CLEAN while operating to cancel the SILENCE function.





LOCK Function



Fig. 13 —Lock Function

Press BOOST and HUMIDITY together at the same time more than 5 seconds to activate the LOCK function.

NOTE: The buttons will not respond unless the user press these two buttons for two seconds again to disable the lock.

### **BOOST Function**



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Fig. 14 —Boost

When the user selects **BOOST** feature in the **COOL** mode, the unit blows cool air with the strongest wind setting to jump-start the cooling process. When users select BOOST in the HEAT mode (for units with Electric heat elements) the electric heater activates and it jump-starts the heating process.

# Manual Operation (without remote control)

The manual button is intended for testing purposes and emergency operation only. Please do not use this function unless the remote control is lost and it is absolutely necessary. To restore regular operation, use the remote control to activate the unit. The unit must be turned off before manual operation.

Use the following steps to operate the unit manually:

- Locate the MANUAL CONTROL button on the right-hand side panel 1. of the unit.
- Press MANUAL CONTROL one time to activate FORCED AUTO 2 mode.
- Press MANUAL CONTROL again to activate the FORCED 3. COOLING mode.
- Press MANUAL CONTROL a third time to turn the unit off. 4.







NOTE: DO NOT move louver by hand. Doing so takes the louver out of sync. Should this occur, turn off the unit and unplug it for a few seconds, then restart the unit. Doing so resets the louver.



DO NOT put your fingers in or near the blower and suction unit side of the unit. The high-speed fan inside the unit may cause injury.



Fig. 16 — Manual Control Button

# **CLEANING, MAINTENANCE AND TROUBLESHOOTING**

# **A** 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.

# CAUTION

# 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 1 on page 14.



### 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.

# **Cleaning the Air Filters**

Remove and clean the air filters once a month. A clogged air conditioner can reduce the cooling efficiency of your unit, and can also be bad for your health.

### NOTE: If air filters show signs of excessive wear or are torn, they must be replaced. Contact your local dealer for replacement filters.

- 1. The air filter is on the top of the air conditioner.
- 2. Hold both side of the top filter in the place marked with **PULL**, then pull it upwards.
- 3. If the filter has small air freshening filters, unclip them from the larger filter. Clean these air freshening filters with a hand-held vacuum.
- 4. Clean the large air filter with warm, soapy water. Be sure to use a mild detergent.
- 5. Rinse the filter with fresh water, then shake off any excess water.
- 6. Dry the filter in a cool, dry place, and refrain from exposing it to direct sunlight.
- 7. When dry, re-clip the air freshening filter to the larger filter, then install it back on the indoor unit.

Hold both sides of the top filter in the area marked "PULL", and pull it upwards





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Fig. 18 —Rinse

Remove air freshening filter from back of larger filter(some units), clean with a handheld vacuum.

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# Fig. 19 —Remove the air freshing filter

# CAUTION

Before changing the filter or cleaning, turn off the unit and disconnect its power supply.

When removing the filter, do not touch metal parts in the unit. The sharp metal edges can cut you.

Do not use water to clean the inside of the indoor unit. This can destroy insulation and cause an electrical shock.

Do not expose filter to direct sunlight when drying. This can shrink the filter.

# **Cleaning the Indoor Unit Front Panel**

To clean the front panel on the indoor unit, wipe the outside with a soft, dry cloth.

# **Pre-Season Inspection**

After long periods of non-use, or before periods of frequent use, perform the following steps:



Make sure nothing is blocking all air inlets and outlets

Fig. 20 — Pre-Season Inspection

# **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.



Clean all filters



Turn on FAN function until

unit dries out completely

Turn off the unit and disconnect the power from remote control

**Remove batteries** 

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# Fig. 21 — Extended Shutdown Period Steps

# **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.
- Keep the display panel on the unit away from direct sunlight and heat as this may interfere with remote control transmissions.
- Do not block air intakes and outlets on the indoor or outdoor units.

# **Energy Saving Recommendations**

The following recommendations will add 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 (CONT)**

Refer to Table 1 before contacting your local dealer.

# Table 1 — Periodic Maintenance

INDOOR UNIT	EVERY MONTH	<b>EVERY 6 MONTHS</b>	EVERY YEAR
Clean Air Filter*	•		
Replace Carbon Filter		•	•
Change Remote Control Batteries (as needed)			
OUTDOOR UNIT	EVERY MONTH	EVERY 6 MONTHS	EVERY YEAR
Clean Outdoor Coil from Outside		•	
Clean Outdoor Coil from Inside†			•
Blow Air Over Electric Parts†			•
Check Electric Connection Tightening†			•
Clean Fan Wheel†			•
Check Fan Tightening†			•
Clean Drain Pans†			•

\* Increase frequency in dusty zones.

+ Maintenance to be carried out by qualified service personnel. Refer to the Installation Manual

The following problems are not a malfunction and in most situations will not require repairs.

# Table 2 — Common Issues

Issue	Possible Causes
Unit does not turn on when pressing ON/OFF	The unit has a 3-minute protection feature that prevents the unit from overloading. The unit cannot restart within three minutes of being turned off.
The unit changes from COOL/HEAT mode to	The unit may change its setting to prevent frost from forming on the unit. Once the temperature increases, the unit will start operating in the previously selected mode.
FAN mode	The set temperature has been reached, at which point the unit turns off the compressor. The unit will continue operating once the temperature fluctuates again.
The indoor unit emits white mist	In humid regions, a large temperature difference between the room's air and the conditioned air can cause white mist.
Both the indoor and outdoor units emit white mist	When the unit restarts in <b>HEAT</b> mode after defrosting, white mist may be emitted due to moisture generated from the defrosting process.
	A rushing air sound may occur when the louver resets its position.
The indoor unit makes noises	A squeaking sound may occur after running the unit in <b>HEAT</b> mode due to expansion and contraction of the unit's plastic parts.
	<b>Low hissing sound during operation:</b> This is normal and is caused by refrigerant gas flowing through both indoor and outdoor units.
Both the indoor unit and outdoor unit make noises	Low hissing sound when the system starts, has just stopped running, or is defrosting: This noise is normal and is caused by the refrigerant gas stopping or changing direction.
	Squeaking sound: Normal expansion and contraction of plastic and metal parts caused by temperature changes during operation can cause squeaking noises.
The outdoor unit makes noises	The unit makes different sounds based on its current operating mode.
Dust is emitted from either the indoor or outdoor unit	The unit may accumulate dust during extended periods of non-use, which will be emitted when the unit is turned on. This can be mitigated by covering the unit during long periods of inactivity.
The unit emits a bad odor	The unit may absorb odors from the environment (such as furniture, cooking, cigarettes, etc.) which will be emitted during operations.
	The unit's filters have become moldy and should be cleaned.
The outdoor unit fan does not operate	During operation, the fan speed is controlled to optimize product operation.
	Interference from cell phone towers and remote boosters may cause the unit to malfunction.
Operation is erratic, unpredictable, or unit is	In this case, try the following:
unresponsive	Disconnect the power, then reconnect.
	Press <b>ON/OFF</b> on the remote control to restart the operation.

# **TROUBLESHOOTING (CONT)**

# Table 3 — Troubleshooting

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

\* 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.

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