

# **OPERATION MANUAL**

# **MULTI-SPLIT AIR HANDLER AIR CONDITIONER**

MODELS
AIR HANDLING UNIT

CMXV12AVJUA CMXV18AVJUA CMXV24AVJUA

Read these instructions carefully before installation. Keep this manual in a handy place for future reference. This manual should be left with the equipment owner.

Lire soigneusement ces instructions avant l'installation. Conserver ce manuel à portée de main pour référence ultérieure. Ce manuel doit être donné au propriétaire de l'équipement.

Lea cuidadosamente estas instrucciones antes de instalar. Guarde este manual en un lugar a mano para leer en caso de tener alguna duda. Este manual debe permanecer con el propietario del equipo.

WARNING

DO NOT BYPASS SAFETY DEVICES.



WARNING

THIS UNIT SHOULD BE INSTALLED IN A MANNER SO THAT IT IS NOT ACCESSIBLE TO THE PUBLIC.

English

Français

Español



# **WARNING**

ONLY PERSONNEL THAT HAVE BEEN TRAINED TO INSTALL, ADJUST, SERVICE, MAINTENANCE OR REPAIR (HEREINAFTER, "SERVICE") THE EQUIPMENT SPECIFIED IN THIS MANUAL SHOULD SERVICE THE EQUIPMENT.

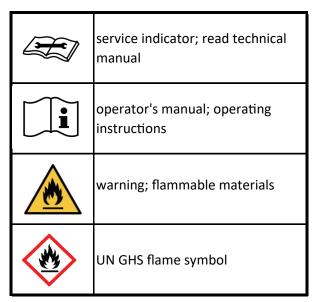
THIS EQUIPMENT IS NOT INTENDED FOR USE BY PERSONS (INCLUDING CHILDREN) WITH REDUCED PHYSICAL, SENSORY OR MENTAL CAPACITIES, OR LACK OF EXPERIENCE AND KNOWLEDGE, UNLESS THEY HAVE BEEN GIVEN SUPERVISION OR INSTRUCTION CONCERNING USE OF THE APPLIANCE BY A PERSON RESPONSIBLE FOR THEIR SAFETY.

CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE EQUIPMENT.

THE MANUFACTURER WILL NOT BE RESPONSIBLE FOR ANY INJURY OR PROPERTY DAMAGE ARISING FROM IMPROPER SUPERVISION, SERVICE OR SERVICE PROCEDURES. IF YOU SERVICE THIS UNIT, YOU ASSUME RESPONSIBILITY FOR ANY INJURY OR PROPERTY DAMAGE WHICH MAY RESULT. IN ADDITION, IN JURISDICTIONS THAT REQUIRE ONE OR MORE LICENSES TO SERVICE THE EQUIPMENT SPECIFIED IN THIS MANUAL, ONLY LICENSED PERSONNEL SHOULD SERVICE THE EQUIPMENT. IMPROPER SUPERVISION, INSTALLATION, ADJUSTMENT, SERVICING, MAINTENANCE OR REPAIR OF THE EQUIPMENT SPECIFIED IN THIS MANUAL, OR ATTEMPTING TO INSTALL, ADJUST, SERVICE OR REPAIR THE EQUIPMENT SPECIFIED IN THIS MANUAL WITHOUT PROPER SUPERVISION OR TRAINING MAY RESULT IN PRODUCT DAMAGE, PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



NOTE: REFER ALSO TO THE GENERAL SAFETY CONSIDERATIONS ATTACHED TO THE OUTDOOR UNIT.



MARKING SYMBOL TABLE

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#### SAFETY INSTRUCTIONS

Read these "SAFETY INSTRUCTIONS for Operations" carefully before installing. After completing the installation, make sure that the unit operates properly during the startup operation.

Instruct the customer on how to operate and maintain the unit. Inform customers that they should store this Operation Manual with the Installation Manual for future reference.

Always use a licensed installer or contractor to install this product. Improper installation can result in water or refrigerant leakage, electrical shock, fire, or explosion.

Rated performance is achieved after 20 hours of operation. Rated performance is delivered at the specified airflow. See product specification sheet for light commercial models. Specification sheets can be found at <a href="https://www.daikincomfort.com">www.daikincomfort.com</a> for Daikin brand products. Within the website, please select the commercial product menu and then select the submenu for the type of product to be installed, such as air conditioners or heat pumps, to access a list of product pages that each contain links to that model's specification sheet.

# Meanings of DANGER, WARNING, CAUTION and NOTE Symbols:

**DANGER:**.....Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

**WARNING**.....Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION.....Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

**NOTE:**.....Indicates situations that may result in equipment or property-damage accidents only.

DANGER: ANY ABNORMALITIES IN THE OPERATION OF THE AIR HANDLER SUCH AS SMOKE OF FIRE COULD RESULT IN SEVERE INJURY OR DEATH. TURN OFF THE POWER AND CONTACT YOUR DEALER IMMEDIATELY.

DANGER: REFRIGERANT GAS MAY PRODUCE TOXIC GAS IF IT COMES IN CONTACT WITH FIRE, SUCH AS FROM A FAN, HEATER, STOVE OR COOKING DEVICE. EXPOSURE TO THIS GAS COULD CAUSE SEVERE INJURY OR DEATH.

DANGER: FOR REFRIGERANT LEAKAGE, CONSULT YOUR DEALER. REFRIGERANT GAS IS HEAVIER THAN AIR AND REPLACES OXYGEN. A MASSIVE LEAK COULD LEAD TO OXYGEN DEPLETION, ESPECIALLY IN BASEMENTS AND AN ASPHYXIATION HAZARD COULD OCCUR LEADING TO SERIOUS INJURY OR DEATH.

DANGER: IF EQUIPMENT UTILIZING A BURNER IS USED IN THE SAME ROOM AS THE AIR HANDLER, THERE IS THE DANGER OF OXYGEN DEFICIENCY WHICH COULD LEAD TO AN ASPHYXIATION HAZARD RESULTING IN SERIOUS INJURY OR DEATH. BE SURE TO VENTILATE THE ROOM SUFFICIENTLY TO AVOID THIS HAZARD.

DANGER: SAFELY DISPOSE OF THE PACKING MATERIALS. PACKING MATERIALS, SUCH AS NAILS AND OTHER METAL OR WOODEN PARTS, MAY CAUSE STABS OR OTHER INJURIES.

DANGER: TEAR APART AND THROW AWAY PLASTIC PACKAGING BAGS SO THAT CHILDREN WILL NOT PLAY WITH THEM. CHILDREN PLAYING WITH PLASTIC BAGS FACE THE DANGER OF DEATH BY SUFFOCATION.



#### **WARNING**

A REFRIGERANT LEAK DETECTION SYSTEM IS INSTALLED. THE UNIT MUST BE POWERED ON AT ALL TIMES EXCEPT FOR SERVICE.



## **WARNING**

CONTACT YOUR DEALER FOR REPAIR AND MAINTENANCE. IMPROPER REPAIR AND MAINTENANCE MAY RESULT IN WATER LEAKAGE, ELECTRIC SHOCK AND FIRE. ONLY USE ACCESSORIES MADE BY DAIKIN THAT ARE SPECIFICALLY DESIGNED FOR USE WITH THIS EQUIPMENT AND HAVE THEM INSTALLED BY A PROFESSIONAL.



# **WARNING**

CONTACT YOUR DEALER TO MOVE AND REINSTALL THE AIR HANDLER.
INCOMPLETE INSTALLATION MAY RESULT IN WATER LEAKAGE, ELECTRIC SHOCK AND FIRE.



## **WARNING**

NEVER LET THE INDOOR UNIT OR THE REMOTE CONTROLLER GET WET.
WATER CAN CAUSE AN ELECTRIC SHOCK OR A FIRE.



### WARNING

NEVER REMOVE THE FRONT PANEL OF THE UNIT. A FAN ROTATING AT HIGH SPEED WITHOUT THE FRONT PANEL IS VERY DANGEROUS.



#### **WARNING**

NEVER INSPECT OR SERVICE THE UNIT BY YOURSELF. CONTACT A QUALIFIED SERVICE PERSON TO PERFORM THIS WORK.



#### **CAUTION**

REFRIGERANT R-32 IN THE SYSTEM MUST BE KEPT CLEAN, DRY AND TIGHT.

- A. CLEAN AND DRY FOREIGN MATERIALS (INCLUDING MINERAL OILS SUCH AS SUNISO OIL OR MOISTURE) SHOULD BE PREVENTED FROM GETTING INTO THE SYSTEM.
- B. TIGHT R-32 DOES NOT CONTAIN ANY CHLORINE, DOES NOT DESTROY THE OZONE LAYER, AND DOES NOT REDUCE THE EARTH'S PROTECTION AGAIN HARMFUL ULTRAVIOLET RADIATION. R-32 CAN CONTRIBUTE TO THE GREENHOUSE EFFECT IF IT IS RELEASED. THEREFORE TAKE PROPER MEASURES TO CHECK FOR THE TIGHTNESS OF THE REFRIGERANT PIPING INSTALLATION. READ THE CHAPTER REFRIGERANT PIPING AND FOLLOW THE PROCEDURES.



#### WARNING

TURN OFF ALL ELECTRICAL POWER BEFORE DOING ANY MAINTENANCE TO AVOID THE RISK OF SERIOUS ELECTRIC SHOCK. NEVER SPRINKLE OR SPILL WATER OR LIQUIDS ON THE UNIT.



## WARNING

DO NOT TOUCH THE SWITCH WITH WET FINGERS. TOUCHING A SWITCH WITH WET FINGERS CAN CAUSE ELECTRIC SHOCK.



## **WARNING**

DO NOT ALLOW CHILDREN TO PLAY ON OR AROUND THE UNIT TO PREVENT INJURY.



## **WARNING**

PLACING A FLOWER VASE OR OTHER CONTAINERS WITH WATER OR OTHER LIQUIDS ON THE UNIT COULD CAUSE A SHOCK OR FIRE IF A SPILL OCCURS.



## **WARNING**

NEVER TOUCH THE INTERNAL PARTS OF THE CONTROLLER. DO NOT REMOVE THE FRONT PANEL BECAUSE SOME PARTS INSIDE ARE DANGEROUS TO TOUCH. TO CHECK AND ADJUST INTERNAL PARTS, CONTACT YOUR DEALER.



#### WARNING

DO NOT USE MEANS TO ACCELERATE THE DEFROSTING PROCESS OR TO CLEAN, OTHER THAN THOSE RECOMMENDED BY THE MANUFACTURER.



### **WARNING**

THE APPLIANCE SHALL BE STORED IN A ROOM WITHOUT CONTINUOUSLY OPERATING IGNITION SOURCES (FOR EXAMPLE: OPEN FLAMES, AN OPERATING GAS APPLIANCE OR AN OPERATING ELECTRIC HEATER). DO NOT PIERCE OR BURN. BE AWARE THAT REFRIGERANTS MAY NOT CONTAIN AN ODOR.



#### WARNING

WHEN INSTALLED IN A ROOM WITH AN AREA LESS THAN THAT OUTLINED IN GENERAL SAFETY CONSIDERATION MANUAL PROVIDED WITH OUTDOOR UNIT, THAT ROOM SHALL BE WITHOUT CONTINUOUSLY OPERATING OPEN FLAMES (FOR EXAMPLE AN OPERATING GAS APPLIANCE) OR OTHER POTENTIAL IGNITION SOURCES (FOR EXAMPLE AN OPERATING ELECTRIC HEATER, HOT SURFACES). A FLAME-PRODUCING DEVICE MAY BE INSTALLED IN THE SAME SPACE IF THE DEVICE IS PROVIDED WITH AN EFFECTIVE FLAME ARREST.



#### WARNING

AUXILIARY DEVICES WHICH MAY BE A POTENTIAL IGNITION SOURCE ARE NOT TO BE INSTALLED IN THE DUCT WORK. SUCH POTENTIAL IGNITION SOURCES INCLUDE HOT SURFACES WITH A TEMPERATURE EXCEEDING 700°C AND ELECTRIC SWITCHING DEVICES.



ONLY AUXILIARY DEVICES APPROVED BY THE APPLIANCE MANUFACTURER OR DECLARED SUITABLE WITH THE REFRIGERANT SHALL BE INSTALLED IN CONNECTING DUCTWORK.



## **CAUTION**

DO NOT USE THE AIR HANDLER FOR ANY OTHER PURPOSES OTHER THAN COMFORT COOLING OR HEATING. DO NOT USE THE UNIT FOR COOLING PRECISION INSTRUMENTS, FOOD, PLANTS, ANIMALS OR WORKS OF ART.



### **CAUTION**

Do not place items under the indoor unit as they may be damaged by condensates that may form if the humidity is above 80% or if the drain outlet gets blocked.



#### **CAUTION**

BEFORE CLEANING, STOP THE OPERATION OF THE UNIT BY TURNING THE POWER OFF OR BY PULLING THE SUPPLY CORD OUT FROM ITS RECEPTACLE. OTHERWISE, AN ELECTRIC SHOCK AND INJURY MAY RESULT.



## **CAUTION**

TAKE PRECAUTION TO PREVENT WATER ENTERING INTERNAL ELECTRICAL COMPARTMENT DURING SERVICING. FAILURE TO DO SO MAY RESULT AN ELECTRIC SHOCK OR FIRE.



#### **CAUTION**

AVOID PLACING THE CONTROLLER IN A SPOT SPLASHED WITH WATER. WATER ENTERING THE CONTROLLER MAY CAUSE AN ELECTRIC SHOCK OR DAMAGE THE INTERNAL ELECTRONIC PARTS.



#### CAUTION

DO NOT OPERATE THE AIR HANDLER WHEN USING A ROOM FUMIGATION TYPE OF INSECTICIDE. FAILURE TO OBSERVE THIS COULD CAUSE THE CHEMICALS TO BE DEPOSITED IN THE UNIT AND CAN ENDANGER THE HEALTH OF THOSE WHO ARE HYPERSENSITIVE TO CHEMICALS.



#### CAUTION

THE REMOTE CONTROLLER SHOULD BE KEPT AWAY FROM CHILDREN SO THEY CANNOT PLAY WITH IT.



## **CAUTION**

CONSULT WITH THE INSTALLATION CONTRACTOR FOR CLEANING.



## **CAUTION**

INCORRECT CLEANING OF THE INSIDE OF THE AIR HANDLER COULD MAKE THE PLASTIC PARTS BREAK AND CAUSE WATER LEAKAGE OR ELECTRIC SHOCK.



# CAUTION

DO NOT TOUCH THE AIR INLET OR ALUMINUM FIN OF THE AIR HANDLER AS THEY CAN CUT AND CAUSE INJURY.

NOTE: Never press the button of the remote controller with a hard, pointed object. The remote controller may be damaged.

NOTE: Never pull or twist the electric wire of the remote controller. It may cause the unit to malfunction.

NOTE: DO NOT PLACE APPLIANCES THAT PRODUCE OPEN FLAMES IN PLACES THAT ARE EXPOSED TO THE AIR FLOW OF THE UNIT OR UNDER THE INDOOR UNIT. IT MAY CAUSE INCOMPLETE COMBUSTION OR DEFORMATION OF THE UNIT DUE TO THE HEAT.

NOTE: DO NOT EXPOSE THE CONTROLLER TO DIRECT SUNLIGHT. THE LCD DISPLAY CAN BECOME DISCOLORED AND MAY FAIL TO DISPLAY THE DATA.

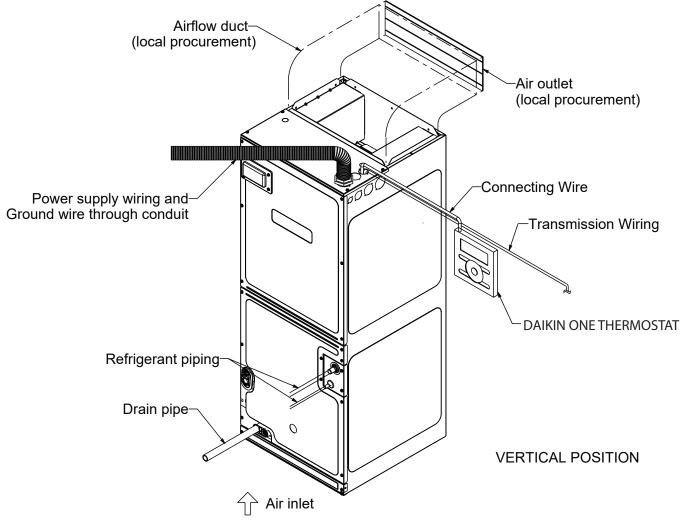
NOTE: DO NOT WIPE THE CONTROLLER OPERATION PANEL WITH BENZENE, THINNER, CHEMICAL DUST CLOTH, ETC. THE PANEL MAY GET DISCOLORED OR THE COATING CAN PEEL OFF. IF IT IS HEAVILY DIRTY, SOAK A CLOTH IN WATER-DILUTED NEUTRAL DETERGENT, SQUEEZE IT WELL AND WIPE THE PANEL CLEAN. THEN WIPE IT WITH ANOTHER DRY CLOTH.

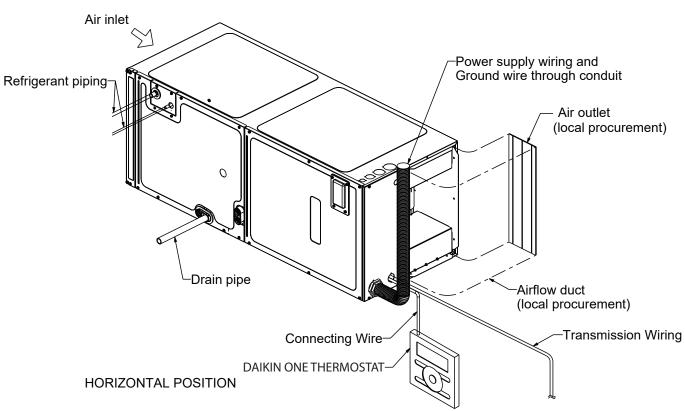
NOTE: DISMANTLING OF THE UNIT, DISPOSAL OF THE REFRIGERANT, OIL, AND ADDITIONAL PARTS, SHOULD BE DONE IN ACCORDANCE WITH THE RELEVANT LOCAL, STATE, AND NATIONAL REGULATIONS.

NOTE: OPERATE THE AIR HANDLER IN A SUFFICIENTLY VENTILATED AREA AND NOT SURROUNDED BY OBSTACLES. DO NOT USE THE AIR HANDLER IN THE FOLLOWING PLACES.

- Places with a mist of mineral oil, such as cutting oil.
- b. Locations such as coastal areas where there is a lot of salt in the air.
- c. Locations such as hot springs where there is a lot of sulfur in the air.

# PART NOMENCLATURE





- d. Locations such as factories where the power voltage varies a lot.
- e. In cars, boats, and other vehicles.
- Locations such as kitchens where oil may splatter or where there is steam in the air.
- g. Locations where equipment produces electromagnetic waves.
- h. Places with an acid or alkaline mist.
- Places where fallen leaves can accumulate or where weeds can grow.
- Do not attempt to do electrical work or grounding work, unless you are licensed to do so. Consult with your dealer for electrical work and grounding work.
- Pay attention to operating sound. Be sure to use the following places:
  - a. Places that can sufficiently withstand the weight of the air handler yet can suppress the operating sound and vibration of the air handler.
  - Places where warm air from the air outlet of the outside unit or the operating sound of the outside unit does not annoy neighbors.
- Consult your dealer if the air handler in operation generates unusual noise.
- Make sure that the drainpipe is installed properly
  to drain water. If no water is discharged from the
  drainpipe while the air handler is in the cooling mode,
  the drainpipe may be clogged with dust or dirt and
  water leakage from the indoor unit may occur. Stop
  operating the air handler and contact your dealer.

NOTE: Install the power supply and control wires for the indoor and outdoor units at least 3.5 feet away from televisions or radios to prevent interference or noise. Depending on the radio waves, a distance of 3.5 feet may not be sufficient to eliminate the noise.

NOTE: DO NOT USE THE FOLLOWING TOOLS THAT ARE USED WITH CONVENTIONAL REFRIGERANTS: GAUGE MANIFOLD, CHARGE HOSE, GAS LEAK DETECTOR, REVERSE FLOW CHECK VALVE, REFRIGERANT CHARGE BASE, VACUUM GAUGE, OR REFRIGERANT RECOVERY EQUIPMENT.

NOTE: THIS AIR CONDITIONER OR HEAT PUMP IS AN APPLIANCE THAT SHOULD NOT BE ACCESSIBLE TO THE GENERAL PUBLIC.

#### **MAINTENANCE**



WARNING

ONLY A QUALIFIED PERSON IS ALLOWED TO PERFORM MAINTENANCE.



WARNING

BEFORE TOUCHING ANY OF THE CONNECTION WIRINGS, BE SURE TO TURN OFF ALL POWER SUPPLY SWITCHES.



### **WARNING**

FOR INSTALLATION OF OPTIONAL PARTS, ONLY A QUALIFIED PERSON IS ALLOWED TO DO SO.



#### WARNING

BE SURE TO USE OPTIONAL PARTS SPECIFIED BY THE MANUFACTURER. INSTALLATION IN YOUR OWN MANNER MAY RESULT IN WATER LEAKAGE, ELECTRIC SHOCK OR FIRE.



# **WARNING**

DO NOT USE FLAMMABLE MATERIAL (E.G. HAIR-SPRAY OR INSECTICIDE) NEAR THE PRODUCT.



#### **CAUTION**

ONLY PROCEED WITH THE UNIT CLEANING AFTER STOPPING THE OPERATION AND TURNING THE POWER SUPPLY OFF. FAILURE TO DO SO MAY RESULT IN ELECTRIC SHOCKS OR INJURY.



## CAUTION

CONSULT WITH INSTALLATION CONTRACTOR FOR CLEANING THE INSIDE OF THE AIR HANDLER. WRONG CLEANING PROCEDURES MAY BREAK PLASTIC PARTS OR CAUSE WATER LEAKAGE OR ELECTRIC SHOCK.



### CAUTION

USE A STABLE PREP STAND. PAY EXTRA ATTENTION WHEN CLEANING THE AIR HANDLER.

### MAINTENANCE AND INSPECTION

- Clean the drain pan periodically. The drain pipes clogged with dust will cause water leakage.
- For cleaning, consult with your Daikin dealer. (Before each season when cooling or heating is required, clean the air handler.)

## CLEANING THE INSIDE OF THE INDOOR UNIT

- It is necessary to clean the inside of the indoor unit periodically.
- Since the cleaning requires special technologies, request a Daikin dealer to clean them.

#### **ELECTRIC HEATER REPLACEMENT INTERVAL**

- The electric heater should be replaced every ten years.
- This replacement interval is a guideline for ensuring safe and trouble-free operation of the product for many years.

#### **CLEANING THE AIR FILTER**

· The air filter is an optional accessory.

#### **EXPLANATION:**

- Removing the air filter except when cleaning the air handler may result in dust and lint build up on internal parts. This can result in loss of efficiency, equipment damage, smoke and even have possibility of fire.
- Replace the filter when one of the following message is displayed on the bottom of remote controller screen.
  - Time to clean filter & element
  - Time to clean filter
- If using the air handler under very dusty environment, increase the frequency of air filter cleaning.
- Reset the filter sign on main menu of remote controller.
   Refer to the operation manual of remote controller for detail.
- Consult dealer to change filter setting time to display filter change alarm on remote controller screen. (The default factory setting is 2500 hours.)
- The change filter setting time can be changed to the following options: 1250, 2500, 5000, 10000.

## **PRECAUTIONS**

If the following phenomenon occurs, contact your dealer.

DANGER: Any abnormalities in the operation of the heat pump or air handler leading to smoke or fire could result in severe injury or death.

Turn off the power and contact your dealer immediately for instructions.

#### **PHENOMENON**

- The unit may operate with the airflow rate at high speed even though the airflow rate was set to low speed using the remote controller during ELECTRIC HEATER operation.
- Take the following actions before contacting your dealer:

Check to see if an optional electric heater is installed. The unit operates with the airflow rate at high speed during ELECTRIC HEATER operation regardless of the remote controller airflow rate setting or display.

#### **PHENOMENON**

- The safety devices such as fuse, breaker, ground fault interrupter, etc. often operate or operations of the operation switch are unstable.
- Take the following actions before contacting your dealer:

Turn off the switch.

- · If the ON/OFF switch does not properly work,
- Take the following actions before contacting your dealer:

Turn off the main power switch.

#### **PHENOMENON**

- · Water leaks out from the air handler.
- Take the following actions before contacting your dealer:

Stop the operation.

#### **PHENOMENON**

- Error message is displayed. See the remote controller operation manual for details.
- Inform the dealer of the details being displayed on the remote controller.

## AIR HANDLER

#### AIR HANDLER HOMEOWNER'S ROUTINE MAINTENANCE RECOMMENDATIONS

We strongly recommend a bi-annual maintenance checkup be performed before the heating and cooling seasons begin by a qualified servicer.

#### REPLACE OR CLEAN AIR FILTER

**IMPORTANT NOTE:** Never operate unit without a filter installed as dust and lint will build up on internal parts resulting in loss of efficiency, equipment damage and possible fire.

An indoor air filter must be used with your comfort system. A properly maintained filter will keep the indoor coil of your comfort system clean. A dirty coil could cause poor operation and/or severe equipment damage.

Your air filter or filters could be located in your furnace, in a blower unit, or in "filter grilles" in your ceiling or walls. The installer of your air conditioner or heat pump can tell you where your filter(s) are, and how to clean or replace them.

Check your filter(s) at least once a month. When they are dirty, replace or clean as required. Disposable type filters should be replaced. Reusable type filters may be cleaned.

You may want to ask your dealer about high efficiency filters. High efficiency filters are available in both electronic and non-electronic types. These filters can do a better job of catching small airborne particles.

#### **Motors**

Indoor and outdoor fan motors are permanently lubricated and do not require additional oiling.



## **WARNING**

#### **HIGH VOLTAGE**

DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



# ALUMINUM INDOOR COIL CLEANING (QUALIFIED SERVICER ONLY)

R-32 sensor must be removed from the unit before applying coil cleaners to avoid damage and contamination. Reassemble the R-32 sensor back in the unit after completing the coil cleaning process. This unit is equipped with an aluminum tube evaporator coil. The safest way to clean the evaporator coil is to simply flush the coil with water. This cleaning practice remains as the recommended cleaning method for both copper tube and aluminum tube residential evaporator coils.

It has been determined that many coil cleaners and drain pan tablets contain corrosive chemicals that can be harmful to aluminum tube and fin evaporator coils. Even a one-time application of these corrosive chemicals can cause premature aluminum evaporator coil failure. Any cleaners that contain corrosive chemicals including, but not limited to, chlorine and hydroxides, should not be used. An alternate cleaning method is to use one of the products listed in TP-109\* to clean the coils. The cleaners listed are the only agents deemed safe and approved for use to clean round tube aluminum coils.



## **CAUTION**

TO AVOID RISK OF EQUIPMENT DAMAGE OR FIRE, INSTALL THE SAME AMPERAGE BREAKER OR FUSE AS YOU ARE REPLACING. IF THE CIRCUIT BREAKER OR FUSE SHOULD OPEN AGAIN WITHIN THIRTY DAYS, CONTACT A QUALIFIED SERVICER TO CORRECT THE PROBLEM. IF YOU REPEATEDLY RESET THE BREAKER OR REPLACE THE FUSE WITHOUT HAVING THE PROBLEM CORRECTED, YOU RUN THE RISK OF SEVERE EQUIPMENT DAMAGE.

#### BEFORE YOU CALL YOUR SERVICER

- Check the controller to confirm that it is properly set.
- Wait 15 minutes. Some devices in the outdoor unit or in programmable controllers will prevent compressor operation for awhile, and then reset automatically. Also, some power companies will install devices which shut off air conditioners for several minutes on hot days. If you wait several minutes, the unit may begin operation on its own.
- Check the electrical panel for tripped circuit breakers or open fuses. Reset the circuit breakers or replace fuses as necessary.
- <u>Check the disconnect switch</u> near the indoor furnace or blower to confirm that it is closed.
- Check for obstructions on the outdoor unit. Confirm
  that it has not been covered on the sides or the top.
  Remove any obstruction that can be safely removed.
  If the unit is covered with dirt or debris, call a qualified
  servicer to clean it.
- Check for blockage of the indoor air inlets and outlets.
   Confirm that they are open and have not been blocked by objects (rugs, curtains or furniture).
- · Check the filter. If it is dirty, clean or replace it.
- <u>Listen for any unusual noise(s)</u>, other than normal operating noise, that might be coming from the outdoor unit. If you hear unusual noise(s) coming from the unit, call a qualified servicer.

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## **CUSTOMER FEEDBACK**

Daikin Comfort Technologies is very interested in all product comments. Please fill out the feedback form on the following link: <a href="https://daikincomfort.com/contact-us">https://daikincomfort.com/contact-us</a>



You can also scan the QR code on the right to be directed to the feedback page.