

Packaged Terminal AIR CONDITIONER

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OWNER'S MANUAL AND INSTALLATION INSTRUCTIONS

AHES07D2XXA
AHES07D3XXA
AHES09D2XXA
AHES09D3XXA
AHES12D3XXA
AHES15D3XXA

AHHS07D2XXA
AHHS07D3XXA
AHHS09D2XXA
AHHS09D3XXA
AHHS12D3XXA
AHHS15D3XXA
AHHS09E3XXA
AHHS12E3XXA

ENGLISH/FRANÇAIS

Write the model and serial numbers here:

Model # _____

Serial # _____

Find these numbers on a label on the front of the base pan behind the front grille.

ESPAÑOL

Para consultar una versión en español de este manual de instrucciones, visite nuestro sitio de internet Hotpoint.com.

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

⚠ WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life.

SAFETY PRECAUTIONS

Risk of electric shock. Can cause injury or death. For your safety, the information in this manual must be followed to minimize the risk of fire, electric shock or personal injury.

- Use this appliance only for its intended purpose as described in this Owner's Manual.
- This air conditioner must be properly installed in accordance with national wiring regulations and the Installation Instructions before it is used.
- Never unplug your air conditioner by pulling on the power cord. Always grip plug firmly and pull straight out from the receptacle.
- Replace immediately all electric service cords that have become frayed or otherwise damaged. If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Do not use a cord that shows cracks or abrasion damage along its length or at either the plug or connector end.
- Turn **OFF** and unplug your air conditioner before making any repairs or cleaning.

NOTE: We strongly recommend that any servicing be performed by a qualified individual.

- For your safety...do not store or use combustible materials, gasoline or other flammable vapors or liquids in the vicinity of this or any other appliance.
- All air conditioners contain refrigerants, which under federal law must be removed prior to product disposal. If you are getting rid of an old product with refrigerants, check with the company handling disposal about what to do.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, 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 appliance.
- Keep minimum 40" CLEARANCE from the appliance air outlet and inlet to combustible surfaces.

HOW TO CONNECT ELECTRICITY

⚠ WARNING

Risk of electric shock. Can cause injury or death. This appliance must be properly grounded. Do not, under any circumstances, cut or remove the third (ground) prong from the power cord. For personal safety, this appliance must be properly grounded.

- The power cord of this appliance is equipped with a 3-prong (grounding) plug which mates with a standard 3-prong (grounding) wall outlet to minimize the possibility of electric shock hazard from this appliance.
- Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.
- Power cord may include a current interrupter device. A test and reset button is provided on the plug case. The device should be tested on a periodic basis by first pressing the **TEST** button and then the **RESET** button. If the **TEST** button does not trip or if the **RESET** button will not stay engaged, discontinue use of the air conditioner and contact a qualified service technician

- Where a 2-prong wall outlet is encountered, it is your personal responsibility and obligation to have it replaced with a properly grounded 3-prong wall outlet.

⚠ WARNING

Risk of electric shock. Can cause injury or death.

- The air conditioner should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate. This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.
- See the Installation Instructions, Electrical Requirements section for specific electrical connection requirements.
- For models which need field wiring connections, means for disconnection (eg. circuit breaker) must be incorporated in the fixed wiring in accordance with the wiring rules.
- Refer to the ratings on the label to select the circuit breaker.

USE OF EXTENSION CORDS

⚠ WARNING

RISK OF FIRE. Could cause serious injury or death.

- DO NOT use an extension cord with this Packaged Terminal Conditioner.
- DO NOT use surge protectors or multi-outlet adaptors with this Packaged Terminal Air Conditioner.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

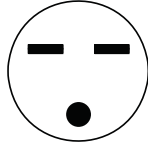
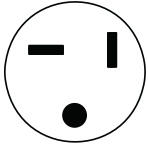


USE OF ADAPTER PLUGS

⚠ WARNING

Risk of electric shock. Can cause injury or death.

- We strongly recommend against the use of an adapter plug.
- If you must use an adapter, where local codes permit, a **temporary connection** may be made to a properly grounded 2-prong wall outlet by use of a UL-listed adapter available at most local hardware stores.
- The larger slot in the adapter must be aligned with the larger slot in the wall outlet to provide proper polarity in the connection of the power cord.
- When disconnecting the power cord from the adapter, always hold the adapter in place with one hand while pulling the power cord plug with the other hand. If this is not done, the adapter ground terminal is very likely to break with repeated use.
- If the adapter ground terminal breaks, **DO NOT USE** the air conditioner until a proper ground has been established.
- Attaching the adapter ground terminal to a wall outlet cover screw does not ground the appliance unless the cover screw is metal, not insulated, and the wall outlet is grounded through the house wiring. You should have the circuit checked by a qualified electrician to make sure the outlet is properly grounded.

NOTE: The plug shape may be different depending on model.

Receptacle				
Rating	208/230V 15A	208/230V 20A	208/230V 30A	265V 20A

⚠ WARNING

Risk of Fire or Explosion. This unit contains flammable refrigerant. Additional safety precautions must be followed.

- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- 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 refrigerant tubing. Be aware that refrigerants may not contain an odor.
- Keep ventilation openings clear of obstruction.
- When handling, installing, and operating the appliance, care should be taken to avoid damage to the refrigerant tubing.
- Do not drill holes in the unit.
- Maintenance, cleaning, and service should only be performed by technicians properly trained and qualified in the use of flammable refrigerants.
- GE Appliances does not support any servicing of sealed system components (i.e. refrigerant containing parts) in the air conditioner.
- Dispose of air conditioner in accordance with Federal and Local Regulations. Flammable refrigerants require special disposal procedures. Contact your local authorities for the environmentally safe disposal of your air conditioner.
- The appliances are not intended to be serviced. No repair related to breaking into the refrigerating circuit, opening of sealed components is performed on filed.
- After installation and during use, regularly check that cabling will not be subject to wear, corrosion, excessive pressure, vibration, sharp edges or any other adverse environmental effects. The check shall also take into account the effects of aging or continual vibration from sources such as compressors or fans.
- Equipment shall be labelled stating that it has been de-commissioned and emptied of refrigerant. The label shall be dated and signed. For appliances containing **FLAMMABLE REFRIGERANTS**, ensure that there are labels on the equipment stating the equipment contains **FLAMMABLE REFRIGERANT**.

For appliance recycling information please visit GEAppliances.com/recycling.

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE

⚠ WARNING

Risk of Fire or Explosion. This unit contains flammable refrigerant. Additional safety

WARNING precautions must be followed.

Detection of flammable refrigerants

Under no circumstances shall potential sources of ignition be used in the searching for or detection of refrigerant leaks. A halide torch (or any other detector using a naked flame) shall not be used. The following leak detection methods are deemed acceptable for all refrigerant systems.

Electronic leak detectors may be used to detect refrigerant leaks but, in the case of FLAMMABLE REFRIGERANTS, the sensitivity may not be adequate, or may need re-calibration. (Detection equipment shall be calibrated in a refrigerant-free area). Ensure that the detector is not a potential source of ignition and is suitable for the refrigerant used. Leak detection equipment shall be set at a percentage of the LFL of the refrigerant and shall be calibrated to the refrigerant employed, and the appropriate percentage of gas (25% maximum) is confirmed.

Leak detection fluids are also suitable for use with most refrigerants but the use of detergents containing chlorine shall be avoided as the chlorine may react with the refrigerant and corrode the copper pipe-work. NOTE Examples of leak detection fluids are:

- bubble method,
- fluorescent method agents.

If a leak is suspected, all naked flames shall be removed/extinguished.

If a leakage of refrigerant is found, don't repair on filed.



Read Owner's Manual



Owner's Manual; Operating Instructions



Service Indicator; Read Technical Manual



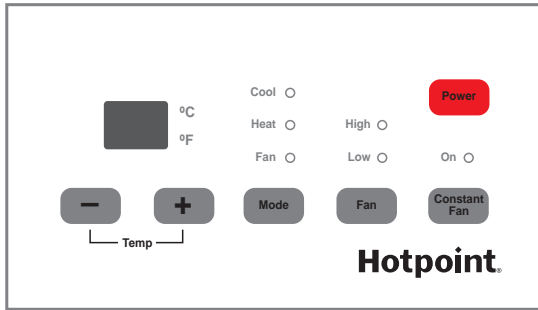
REFRIGERANT SAFETY GROUP
GROUPE DE SÉCURITÉ RÉFRIGÉRANT

A2L

Warning: Flammable materials

Controls

Air Conditioner Controls



■ POWER

- Press the **POWER** button to turn the unit on or off.

■ MODE

- Push this button to cycle through the modes from **COOL-HEAT-FAN-COOL**. The indicator light beside the **MODE** option will illuminate, identifying the mode selected.

- **COOL:** The range of set temperature is 61°F~86°F. Cooling begins automatically when the room temperature is above the set point, and stops when the room temperature is 2°F below the set point. But the compressor will run a minimum of 3 minutes in **COOL** mode before stopping. The fan is set up from the factory to run in continuous mode when in cooling.

- **HEAT:** The range of set temperature is 62°F~86°F. For heat pump models the unit can alternate running between reverse cycle heat mode and electric heater mode according to the difference between the set temperature and the room temperature. The fan motor cycles on and off with the compressor and electric heater. The indoor fan motors starts before the compressor and stops after the compressor cycles off.

NOTE: Reverse cycle heating and electric heater cannot be run at the same time. In the following cases, it is normal that the compressor does not operate.

1. When the outdoor temperature is lower than 40°F or the room temperature falls to 3.6°F below the set point temperature.
2. To prevent short cycling, there is a 3-minute minimum compressor OFF time between cycles.
3. When frost builds up to the evaporator coils, the unit will defrost automatically and the compressor will cycle off.

- **FAN:** Fan operation only without heating and cooling.

NOTE: The set temperature ranges can be changed. See **DIP SWITCHES CONFIGURATIONS** section for details.

■ UP/DOWN BUTTONS (+ / -)

- Push the **UP** or **DOWN** button to increase or decrease the set temperature of the unit in cooling or heating mode. The temperature can be set by increments of 1°F. The set temperature appears in the display.

■ FAN (FAN SPEED)

- Every time you push this button, the fan speed cycles through the settings as follows: **HIGH-LOW**.

■ CONSTANT FAN

- Provides choice of operating the indoor fan continuously or cycling it on/off with the compressor. When the unit is set to Constant Fan, the indicator light above the button will be green. When in cycle mode, the fan will operate for several seconds after the compressor cycles off. This switch is not active in the Heat mode.

■ DISPLAYS:

- While in Cool, Heat, and Fan Only mode the display shows the set temperature.

Error codes:

AS-Room temperature sensor error;

ES-Evaporator temperature sensor error;

CS-Condenser temperature sensor error;

OS-Outside temperature sensor error;

HS-Exhaust temperature sensor error;

LE-Wire controller error;

09-DC-Fan motor abnormal;

EE-EEROM-Malfunction;

NOTE: When error occurs, unplug the unit and plug it back in. If error repeats, call for service.

Other codes:

FP-Low temperature protection.

Cooling Operation	Outdoor Temp:	64-109°F
	Indoor Temp:	60-90°F
Heating Operation	Outdoor Temp:	23-76°F
	Indoor Temp:	34-86°F

NOTE: All the illustrations in this manual are for explanation purposes only. Your air conditioner may be slightly different.

NOTE: This air conditioner is designed to be operated under the conditions listed above.

NOTE: Performance may be reduced if outside these operating temperatures.

Controls

Control Cover Accessory

NOTE: When the unit is controlled by a wall thermostat, the overlay, shown in the picture on the right, will cover the user interface. This optional accessory can be installed to cover the controls on the unit.

NOTE: For some functions there is a 3 second delay after pressing a button.

NOTE: When there are differences regarding the unit function between the Owner's Manual and the Remote Thermostat, follow the descriptions in the Owner's Manual.

**THIS UNIT IS
CONTROLLED BY
WALL THERMOSTAT**

Keypad Configuration

Additional unit configurations are available using the keypad.

To Enter Configuration Mode:

- Apply power to unit. Within 30 seconds press and hold the **Fan Speed** and **Setpoint Down –** button for 3 seconds.

To scroll through the Keypad Configuration options:

- Press and release the **Fan Speed** button. The stored value will be displayed.

To modify Configuration settings:

- Press and release the **Setpoint Up +** or **Setpoint Down –** buttons.

To exit Keypad Configuration:

- Press **MODE** button on Keypad or wait 30 sec for automatic exit.

1. Indoor air temperature sensor biasing for cooling mode

Sometimes known as an anticipator, the air temperature sensor bias is used to adjust the room air temperature reading when in cooling mode. (Not normally required.) Default biasing value is zero. Use the **Setpoint Up +** and **Setpoint Down –** buttons to set a bias between -6°F to 6°F (-3°C to 3°C).

2. Indoor air temperature sensor biasing for heating mode

This operates the same as above, but for heating mode.

3. Fahrenheit / Celsius display switch

Use the **Setpoint Up +** and **Setpoint Down –** buttons to change between degrees Fahrenheit (°F) and Celsius (°C) on the display. **Default is Fahrenheit.**

4. Unit set point range

Use the **Setpoint Up +** and **Setpoint down –** button to select the **Setpoint Range:**

1, 2, 3, 4 on the display. **Default is 1.**

- **1** refers to a range of 61 ~ 86°F;
- **2** refers to a range of 63 ~ 80°F;
- **3** refers to a range of 65 ~ 78°F;
- **4** refers to a range of 68 ~ 75°F.

5. Compressor heat pump heating (only for heat pump units)

Use the **Setpoint Up +** and **Setpoint down –** button to select **Compressor Heat Pump** heating:

HP and **HC** on the display. **Default is HP.**

- **HP** refers to Electric Heat and Pump Heat
- **HC** refers to Electric Heat Only

6. Fan operation mode for heating mode

Use the **Setpoint Up +** and **Setpoint down –** button to select **Fan Operation Mode** for heating mode:

Co and **CC** on the display. **Default is CC.**

- **Co** refers to Fan Continuous Run for heating;
- **CC** refers to Fan Cycle for heating

Controls

Keypad Configuration (cont)

7. Fan operation mode for cooling mode

Use the **Setpoint Up +** and **Setpoint down –** button to select **Fan Operation Mode** for cooling mode:

Co and **CC** on the display. **Default is Co.**

- **Co** refers to Fan Continuous Run for cooling;
- **CC** refers to Fan Cycle for cooling

8. Low Temp. Protection

Use the **Setpoint Up +** and **Setpoint down –** button to select **Low Temp. Protection** function:

FP and **oP** on the display. **Default is FP.**

- **FP** refers to Low Temp. Protection enable;
- **oP** refers to Low Temp. Protection disable

Features

This unit has many features. The servicer must be familiar with these features in order to properly service the unit.

Compressor Restart Delay

This feature extends the overall life of compressor by preventing the short-cycling of the air conditioner. When the compressor starts, the unit is designed to run a minimum of 3 minutes. The compressor will then be off for a minimum of 3 minutes to equalize the refrigerant pressure before restarting.

Memory

The unit has a memory. If power is lost, all of the control settings (mode, fan speed, on/off and configuration) are remembered. When power is restored after a power failure, the unit will start in the mode (and configuration) it was in when power was lost.

Automatic Evaporator Freeze Protection

A sensor on the indoor coil monitors the coil temperature and will turn the compressor off until the coil warms up. The indoor fan will continue to run.

Automatic Quick Warm-up (for heat pump models only)

If the room temperature falls to 3.6°F below the set point temperature, the reverse cycle heat is shut off and the electric strip heat is turned on for one cycle, until room temperature is satisfied.

LED Indicators and Buttons

The unit has LEDs that correspond to the mode, fan speed, power and setpoint operation to indicate the unit's status. LEDs for HIGH and LOW indicate the fan speed that is selected. LEDs for FAN, COOL, and HEAT indicate what operating mode is active.

High Temperature Protection in Heating Operation

The compressor and(or) electric heater will be switched off to prevent damage in high indoor air temperatures or when there is a defective indoor temperature sensor.

Unit Configuration - °F or °C

The unit can display in either °F or °C. See page 5.

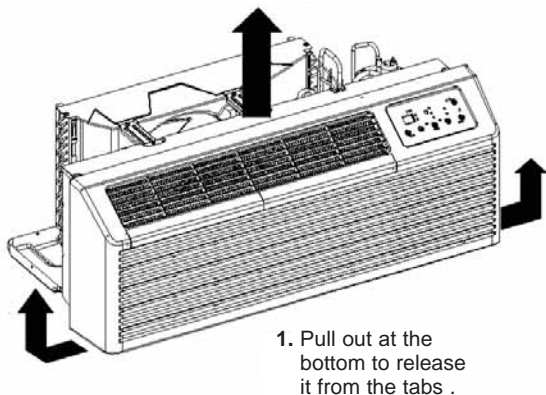
Dip Switch Configuration (optional)

Dip Switch Configuration is an optional function for this unit. Purchase a thermostat kit according to the table below. The installation steps as a follows.

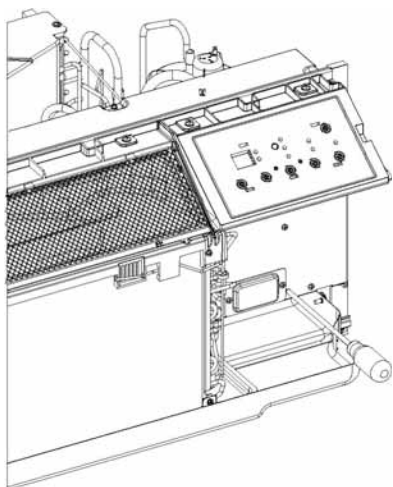
Unit		24V Interface Kit
AHES07D2XXA	AHHS07D2XXA	RAKDTKH
AHES07D3XXA	AHHS07D3XXA	
AHES09D2XXA	AHHS09D2XXA	
AHES09D3XXA	AHHS09D3XXA	
AHES12D3XXA	AHHS12D3XXA	
AHES15D3XXA	AHHS15D3XXA	
AHHS09E3XXA	AHHS12E3XXA	RAKETKH

1. REMOVE THE FRONT PANEL

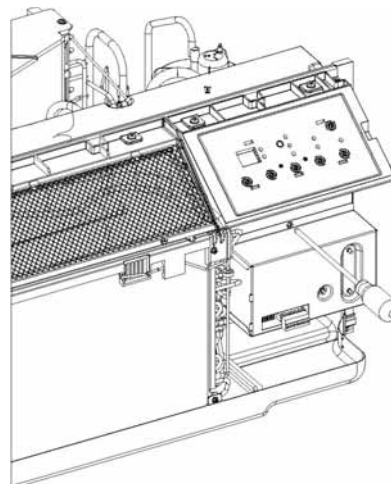
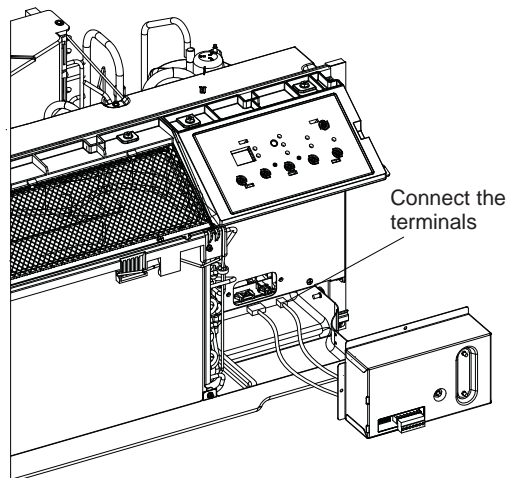
2. Then lift up



2.REMOVE THE COVER AND SCREWS

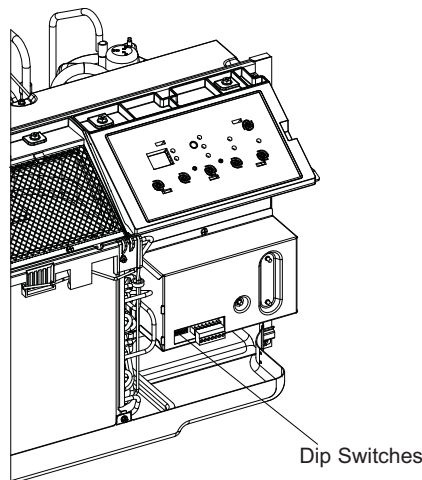


3. ASSEMBLE THE 24V INTERFACE KIT



4. SET THE DIP SWITCHES

Dip Switches are accessible without opening the control box.



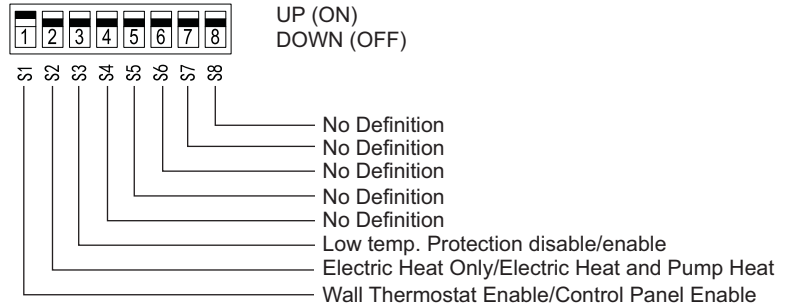
Unit must be powered OFF to change dip switch settings.

Dip Switch Configuration (optional)

DIP SWITCHES CONFIGURATIONS

See the table and figure below for Dip Switch configurations and functions of each dip switch position.

(Factory default switch positions (darkened portion) shown).



DIP SWITCH CONFIGURATION TABLE			
No.	UP (ON)	DOWN (OFF)	Remarks
S1	Wall Thermostat Enable	Control Panel Enable	Default Wall Thermostat Enable
S2	Electric Heat Only	Electric Heat and Pump Heat	Default Electric Heat and Pump Heat For Heat Pump unit only.
S3	Low temp. Protection disable	Low temp. Protection enable	Default Low temp. Protection enable
S4-S8	No definition		

* **NOTE:** The maximum temperature setting is 86°F in cooling and 86°F in heating.

Wall Thermostat Enable

A wall thermostat can be connected to the unit. If it is, dip switch S1 must be in the Wall Thermostat Enable Position (UP), before the wall thermostat will control the unit.

Electric Heat Only (for heat pump unit only)

This setting is typically used for Emergency Heating.

Low temp. Protection (optional)

If unit senses a room temperature below 34°F, the fan motor and electric strip heat will turn on and warm the room to 50°F. The fan and heater will shut down a short time after the temperature is satisfied.

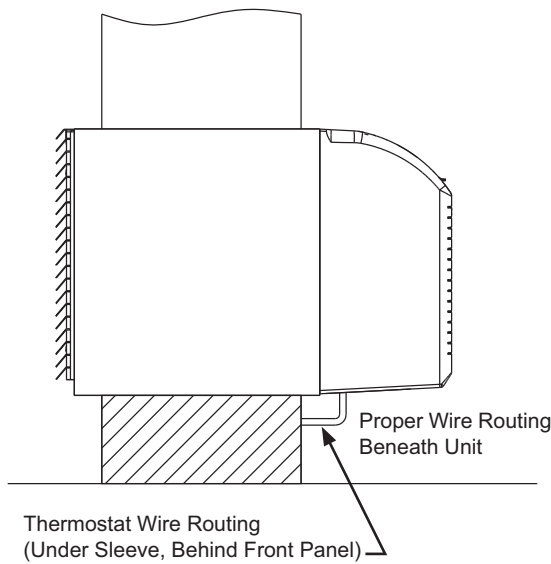
Wall Thermostat Installation (optional)

IMPORTANT

Only trained, qualified personnel should access electrical panel on unit and install electrical accessories. Please contact your local electrical contractor, dealer, or distributor for assistance.

Thermostat Wire Routing

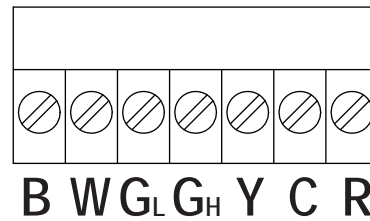
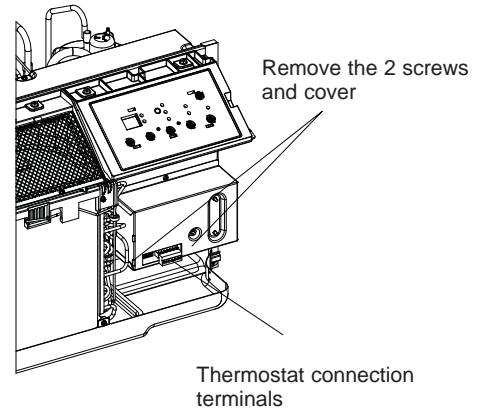
Thermostat wire is field supplied. Recommended wire gauge is 18 to 20 gauge solid thermostat wire. NOTE: It is recommended that extra wires are run to unit in case any are damaged during installation. Thermostat wire should always be routed around or under, NEVER through, the wall sleeve. The wire should then be routed behind the front panel to the easily accessible terminal connector.



NOTE: Refer to thermostat installation instructions for details on installing wall thermostat.

Installation instruction for PTAC Thermostat

Remove the two screws as shown below and remove the cover.



- Insert the wires from the wall thermostat into the correct terminals according to manufacturers instructions.

Terminal	Designation
B	Reversing Valve
W	AUX Heat
GL	Fan Low
GH	Fan High
Y	Compressor
C	Common
R	24V AC

Wall Thermostat Installation (Cont)

⚠ CAUTION

UNIT DAMAGE HAZARD

Failure to follow this caution may result in equipment damage or improper operation. Improper wiring may damage unit electronics. Common busing is not permitted. Damage or erratic operation may result.

NOTE:

- Use the "**Reversing Valve**" terminal for B type heat pump connection only.
- Set the compressor protection time more than 3 minutes in wall thermostat. If set less than 3 minutes, the compressor will have an additional 3 minute delay.
- Wall thermostat must be set properly with the unit type: heat pump or no heat pump.
- For heat pump units, wall thermostat must be a B type heating changeover 4-way valve type.
- For thermostats that have only one fan speed output (on or auto), the fan speed is determined by how the terminal connector is wired. If Low fan is desired, wire the G output from the thermostat to (LOW-FAN) on the units terminal block. If High fan is desired, wire the G output from the thermostat to (HI-FAN) on the units terminal block.
- The range of set temperature of the wall thermostat must be in consonance with the range of DIP switch setting.
- Please do not remove the control panel.

Care and Cleaning

Front Panel and Case

- Turn unit off and disconnect power supply. To clean, use water and a mild detergent. DO NOT use bleach and abrasives. Some commercial cleaners may damage the plastic parts.

Outdoor Coil

- Coil on outdoor side of unit should be checked regularly. Unit will need to be removed from the wall sleeve to inspect dirt build-up that will occur on the inside of the coil. If clogged with dirt and debris, coil should be professionally cleaned. Clean inside and outside of outdoor coils regularly.

NOTE: Never use a high-pressure spray on coil. Do not use acid based cleaners.

⚠ CAUTION

UNIT DAMAGE HAZARD

Failure to follow this caution may result in equipment damage or improper operation.

Airflow restriction may cause damage to the unit.

Air Filters

IMPORTANT: TURN UNIT OFF BEFORE CLEANING.

⚠ CAUTION

UNIT DAMAGE HAZARD

Failure to follow this caution may result in equipment damage or improper operation.

- Do not operate unit without filters in place. If a filter becomes torn or damaged, it should be replaced immediately.
- Operating without filters in place or with damaged filter will allow dirt and dust to reach indoor coil and reduce cooling, heating, airflow and efficiency of unit. Airflow restriction may cause damage to unit.

- The most important thing you can do to maintain unit efficiency is to clean the filters once every two weeks or as needed. Clogged filters reduce cooling, heating and airflow.

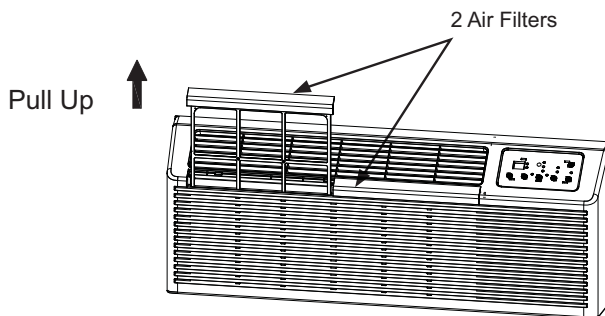
■ Keeping filters clean will:

- Decrease cost of operation.
- Save energy.
- Prevent clogged indoor coil.
- Reduce risk of premature component failure.

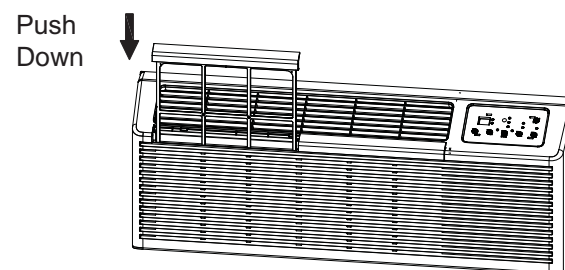
■ To Clean Air Filters:

- Vacuum off heavy soil.
- Run water through filter from back side.
- Dry thoroughly before replacing.

■ Removing Air Filter



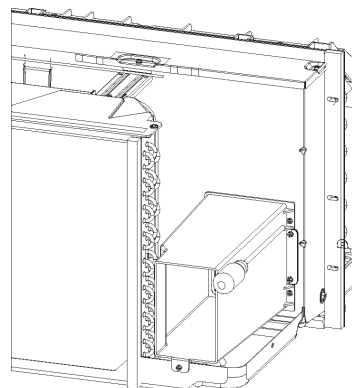
■ Installing Air Filter



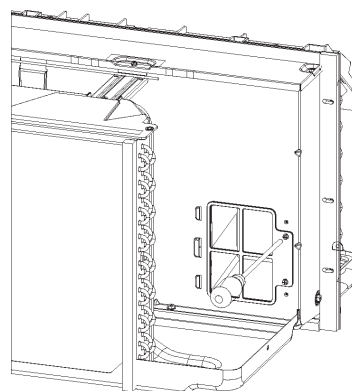
VENT DOOR MESH FILTER (required only if used)

IMPORTANT: TURN UNIT OFF BEFORE CLEANING.

- Remove the screws and the shroud.



- Remove the screws and replace the filter.



IMPORTANT ELECTRICAL SAFETY—READ CAREFULLY

⚠ CAUTION

- Follow the National Electrical Code (NEC) or local codes and ordinances.
- For personal safety, this Hotpoint must be properly grounded.
- Protective devices (fuses or circuit breakers) acceptable for Hotpoint installations are specified on the nameplate of each unit.
- Do not use an extension cord with this unit.
- Aluminum building wiring may present special problems—consult a qualified electrician.
- When the unit is in the OFF position, there is still voltage to the electrical controls.
- Disconnect the power to the unit before servicing by:
 1. Removing the power cord (if it has one) from the wall receptacle. OR
 2. Removing the branch circuit fuses or turning the circuit breakers off at the panel.

⚠ ATTENTION

- Suivez le Code national de l'électricité (CNE) ou vos ordonnances et codes locaux.
- Pour votre sécurité personnelle, ce Hotpoint doit être bien mis à la terre.
- Les appareils protecteurs (fusibles ou disjoncteurs) acceptables pour installer votre Hotpoint sont indiqués sur la plaque signalétique de chaque appareil.
- N'utilisez jamais de rallonge électrique avec cet appareil.
- Les fils de bâtiment en aluminium peuvent poser des problèmes particuliers—consultez un électricien qualifié.
- Quand votre appareil est en position OFF (arrêt), il reste de la tension dans les commandes électriques.
- Débranchez le courant de votre appareil avant de l'entretenir ou de le réparer en:
 1. Enlevant le cordon d'alimentation (le cas échéant) de la prise murale. OU
 2. Enlevant les fusibles du circuit de dérivation ou en débranchant les disjoncteurs de dérivation au panneau.

⚠ PRECAUCIÓN

- Siga las instrucciones del National Electrical Code (Código de Electricidad Nacional) (NEC) o los códigos u ordenanzas locales.
- Para su seguridad personal, el acondicionador de aire Hotpoint debe tener una adecuada conexión a tierra.
- Los dispositivos de protección (fusibles o disyuntores) adecuados para las instalaciones de Hotpoint se encuentran especificados en la placa de cada unidad.
- No utilice un cable de extensión con esta unidad.
- El cableado de aluminio puede presentar problemas especiales: consulte a un electricista calificado.
- Cuando la unidad se encuentra en la posición OFF (apagado), todavía hay voltaje en los controles eléctricos.
- Antes de realizar reparaciones en la unidad, desconecte el suministro de energía de la siguiente manera:
 1. Retire el cable eléctrico (si posee uno) del receptáculo de la pared. O
 2. Retire los fusibles de la sección o apague el disyuntor desde el panel.

Installation

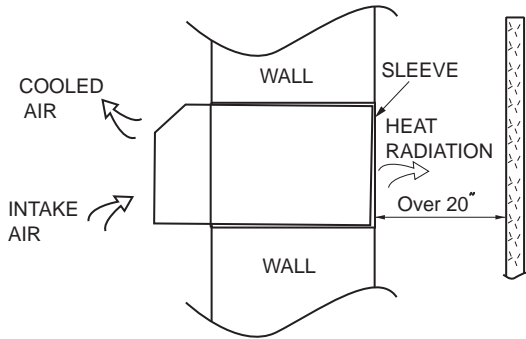
Installation Preparation

⚠ CAUTION

There are sharp edges that can cause serious cuts. When lifting the air conditioner, use 2 people to lift.

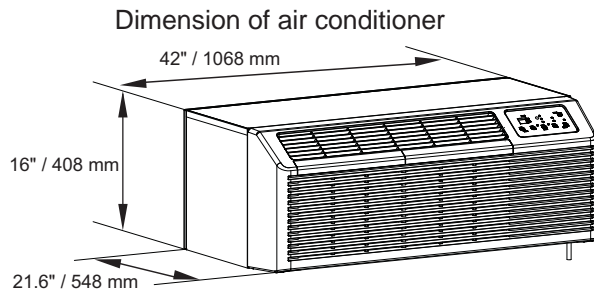
- For existing sleeve, you should measure the wall sleeve dimensions.
- Install the new air conditioner according to these installation instructions to achieve the best performance. All wall sleeves used to mount the new air conditioner must be in good structural condition and have a rear grille that securely attaches to the sleeve or the flange of the sleeve.
- To avoid vibration and noise, make sure the unit is installed securely and firmly.
- When installing the sleeve, make certain there is nothing within 20" of the back that would interfere with heat radiation and exhaust air flow.

PREPARATION OF SLEEVE ASSEMBLY (optional)

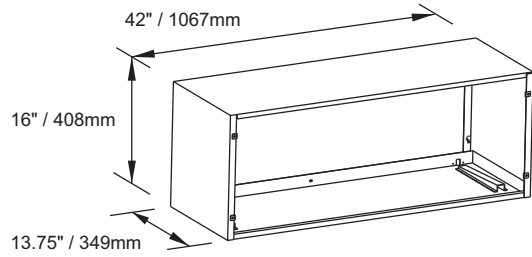


- Refer to the installation instruction of sleeve assembly for details.

Note: 265V Units require a sub-base to be installed to the wall sleeve. To mount the sub-base to the wall sleeve, the wall sleeve must extend a minimum of 2 3/8" into the room.

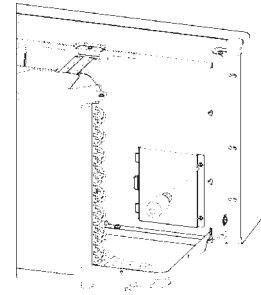


Dimension of sleeve

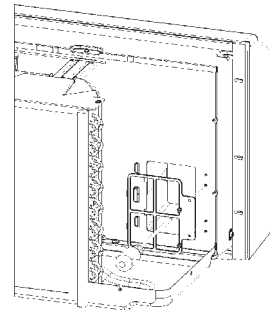


Unit Installation

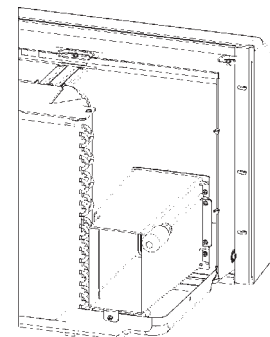
- Install the vent kit (optional, purchased separately). Remove the screws and the cover.



- Install the air filter and fix the screws.



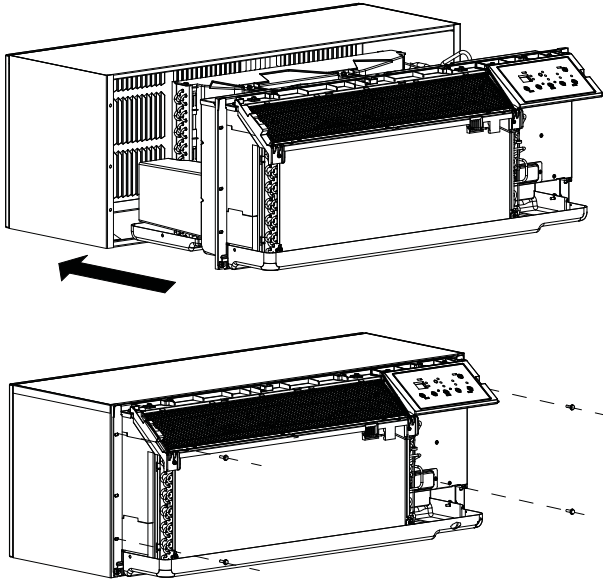
- Install the vent door air shroud.



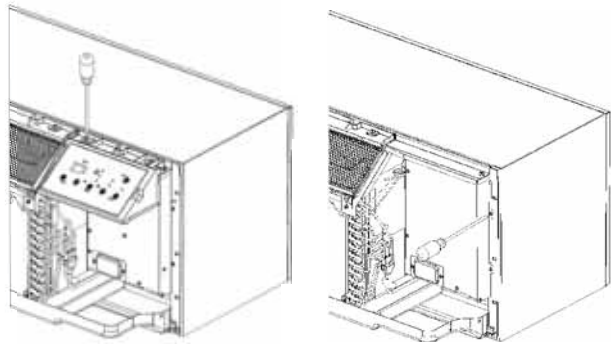
Installation

Unit Installation (Continued)

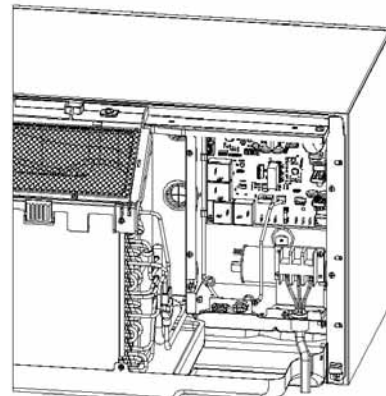
- Lift unit level and slide unit into wall sleeve until firmly against front of wall sleeve and secure with 4 screws and washers (supplied in the SLEEVE ASSEMBLY) through the unit flange holes. If screws are needed, purchase #10x1½" hex or phillips head screws at your local hardware store.



- Remove the control panel and box cover.

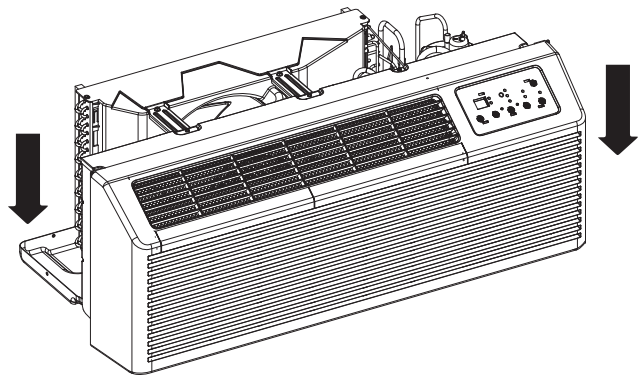


Remove the screws



Connect the power cord

- Reinstall front panel. Push downward at bottom until panel snaps into place.



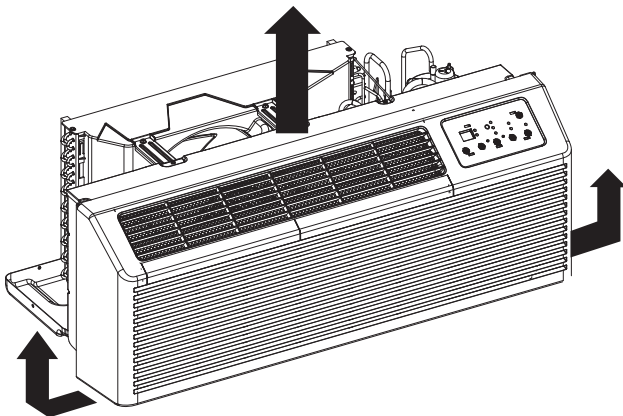
⚠ CAUTION

Do not put obstacles around air-inlet or inside of air-outlet of the unit, such as window curtains, etc.

Always insert the filter securely. Clean filter once every 2 weeks as required

For 265V Models only:

- Remove the front panel.



Troubleshooting Tips... Before you call for service

Save time and money! Review the charts on the following pages first and you may not need to call for service.

Problem	Possible Cause	What To Do
Unit does not start	Unit may have become unplugged	Check that plug is plugged securely in wall receptacle. NOTE: 230/208 volt plugs have a test/reset button on them. Make sure that the plug has not tripped.
	Fuse may have blown	Replace the fuse. See Note 1.
	Circuit breaker may have been tripped	Reset circuit breaker. See Note 1.
	Unit may be off or unit may be in a protection mode	Turn unit on (bottom right button on keypad).
Unit not cooling/heating room	Unit air discharge section is blocked	Make sure that curtains,blinds or furniture are not restricting or blocking unit airflow.
	Temperature setting is not high or low enough. NOTE: Setpoint limits may not allow the unit to heat or cool the room to the temperature desired.Check section on dipswitch settings.	Reset to a lower or higher temperature setting.
	Unit air filters are dirty.	Remove and clean filters.
	Room is excessively hot or cold when unit is started.	Allow sufficient amount of time for unit to heat or cool the room. Start heating or cooling early before outdoor temperature,cooking heat or gatherings of people make room uncomfortable.
	Vent door left open.	Close vent door.
	Unit may be in a protection mode.	Check dipswitch and wall thermostat settings for desired comfort.
	Compressor is in time delay.	Wait approximately 3 minutes for compressor to start.
Display has strange numbers/characters on it	The unit may be in a protection mode.	The unit may be set for OC (instead of OF).
Unit making noises	Clicking,gurgling and whooshing noises are heard during operation of unit.	These are normal.
Water dripping outside	If a drain kit has not been installed, condensation dripping during very hot and humid weather is normal. See Note 2.	If a drain kit has been installed and is connected to a drain system, check gaskets and fittings around drain for leaks and plugs.
Water dripping inside	Wall sleeve is not installed level	Wall sleeve must be installed level for proper drainage of condensation. Check that installation is level and make any necessary adjustments.
Ice or frost forms on indoor coil	Low outdoor temperature	When outdoor temperature is approximately 55°F or below, frost may form on the indoor coil when unit is in Cooling mode. Switch unit to FAN operation until ice or frost melts.
	Dirty filters	Remove the clean filters.
Compressor protection	Power may have cycled,so compressor is in a restart protection.	Random Compressor restart-Whenever the unit is plugged in,or power has been restarted,a random compressor restart will occur. After a power outage,the compressor will restart after approximately 3 minutes.
		Compressor Protection-To prevent short cycling of the compressor, there is a random startup delay of 3 minutes and a minimum compressor run time of 3 minutes.
Electric heating failure	Air flow may be blocked.	Make sure there are no obstructions in front of the evaporator or air outlet. Clean the evaporator once every three months by professional people.

NOTES:

1. If circuit breaker is tripped or fuse is blown more than once,contact a qualified electrician.
2. If unit is installed where condensation drainage could drip in an undesirable location,an accessory drain kit should be installed and connected to drain system.

Troubleshooting Tips... Before you call for service

Normal Operating Sounds

- You may hear a pinging noise caused by water being picked up and thrown against the condenser on rainy days or when the humidity is high. This design feature helps remove moisture and improve efficiency.
- You may hear the thermostat click when the compressor cycles on and off.
- Water will collect in the base pan during high humidity or on rainy days. The water may overflow and drip from the outdoor side of the unit.
- The fan may run even when the compressor does not.

Notes

Hotpoint PTAC Limited Warranty

LIMITED WARRANTY

Hotpoint.com

Hotpoint is backed by GE Appliances Service. All warranty service is provided by our Factory Service Centers, or an authorized Customer Care® technician. You can schedule service online at Hotpoint.com/service or call GE Appliances Service at 800.GE.CARES (800.432.2737). For service in Canada, contact your local HVAC contractor. Please have your model number available when calling.

For The Period Of:	Hotpoint Will Replace:
One Year From the date of the original purchase	Any part of the air conditioner which fails due to a defect in materials or workmanship. During this limited one-year warranty , Hotpoint will provide, free of charge , all labor and related service cost to replace the defective part.
Five Year From the date of the original purchase	Sealed Refrigerating System, if any part of the sealed refrigerating system (the compressor, condenser, evaporator and all connecting tubing including the make up air system) should fail due to a defect in materials or workmanship. During this limited five-year warranty , Hotpoint will provide, free of charge , all labor and related service cost to replace the defective part.
Second through Fifth Year From the date of the original purchase	Fan Motors, Switches, Thermostat, Heater, Heater Protectors, Compressor Overload, Solenoids, Circuit Boards, Auxiliary Controls, Thermistors, Freeze Sentinel, Frost Controls, ICR Pump, Capacitors, Varistors and Indoor Blower Bearings , if any of these parts should fail due to a defect in materials or workmanship. During this additional four-year limited warranty , the customer will be responsible for any labor and related service costs.

What Hotpoint Will Not Cover:

- Service trips to your site to teach you how to use the product.
- Improper installation, delivery or maintenance.
- If you have an installation problem, or if the air conditioner is of improper cooling capacity for the intended use, contact your dealer or installer. You are responsible for providing adequate electrical connecting facilities.
- In commercial locations, labor necessary to move the unit to a location where it is accessible for service by an individual technician.
- Failure or damage resulting from corrosion due to installation in an environment containing corrosive chemicals.
- Replacement of fuses or resetting of circuit breakers.
- Failure of the product resulting from modifications to the product or due to unreasonable use, including failure to provide reasonable and necessary maintenance.
- Failure or damage resulting from corrosion due to installation in a coastal environment, except for models treated with special factory-applied anti-corrosion protection as designated in the model number.
- Damage to product caused by improper power supply voltage, accident, fire, floods or acts of God.
- Incidental or consequential damage to personal property caused by possible defects with this air conditioner.
- Damage caused after delivery.
- Product not accessible to provide required service.

Staple your receipt here. Proof of the original purchase date is needed to obtain service under the warranty.

EXCLUSION OF IMPLIED WARRANTIES
Your sole and exclusive remedy is product repair as provided in this Limited Warranty. Any implied warranties, including the implied warranties of merchantability or fitness for a particular purpose, are limited to one year or the shortest period allowed by law.

This limited warranty is extended to the original purchaser and any succeeding owner for products purchased for home use within the USA. If the product is located in an area where service by a Hotpoint Appliances Authorized Servicer is not available, you may be responsible for a trip charge or you may be required to bring the product to an Authorized Hotpoint Appliances Service location for service. In Alaska, the limited warranty excludes the cost of shipping or service calls to your home.

Some states do not allow the exclusion or limitation of incidental or consequential damages. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state. To know what your legal rights are, consult your local or state consumer affairs office or your state's Attorney General.

Warrantor: GE Appliances, a Haier company
Louisville, KY 40225

Consumer Support

Hotpoint Appliances Website

Visit www.hotpoint.com for all of your product and support needs.

Register Your Appliance

Register your new appliance on-line at your convenience! Timely product registration will allow for enhanced communication and prompt service under the terms of your warranty, should the need arise. You may also mail in the pre-printed registration card included in the packing material.

Hotpoint.com/register

Schedule Service

Expert GE Appliances repair service is only one step away from your door. Get on-line and schedule your service at your convenience any day of the year. In the US: Hotpoint.com/service or call 800.432.2737 during normal business hours.

For service or parts in Canada, contact your local HVAC contractor.

Extended Warranties

You may purchase a Hotpoint Appliances extended warranty online at Hotpoint.com/extended-warranty.com or call 800-626-2224.

Parts and Accessories

Individuals qualified to service their own appliances can have parts or accessories sent directly to their homes (VISA, MasterCard and Discover cards are accepted). Order on-line today 24 hours every day.

In the US: GEApplianceparts.com or by phone at 877.959.8688 during normal business hours.

Instructions contained in this manual cover procedures to be performed by any user. Other servicing generally should be referred to qualified service personnel. Caution must be exercised, since improper servicing may cause unsafe operation.

Contact Us

If you need to contact us for any reason, please visit Hotpoint.com/contact or call 800.626.2005.

You may also write to:

In the US: General Manager, Customer Relations | GE Appliances, Appliance Park | Louisville, KY 40225

GEAppliances.com/ge/service-and-support/contact.htm