



# PACKAGE COOLING UNIT/PACKAGE HEAT PUMP UNIT INSTALLATION INSTRUCTIONS

## Table of Contents

<b>COOLING UNIT / HEAT PUMP UNIT SAFETY .....</b>	<b>1</b>	<b>HEAT PUMP MODELS ONLY .....</b>	<b>8</b>
<b>INSTALLATION REQUIREMENTS .....</b>	<b>2</b>	Sequence of Operation .....	8
Tools and Parts .....	2	Adjusting Defrost System.....	8
Location Requirements .....	2	System Maintenance.....	9
Duct Work Requirements.....	2	Troubleshooting .....	9
Electrical Requirements .....	3	<b>COOLING MODELS ONLY .....</b>	<b>11</b>
<b>INSTALLATION INSTRUCTIONS .....</b>	<b>3</b>	Sequence of Operation .....	11
Inspect Shipment .....	3	System Maintenance.....	11
Place Package Unit in Final Location .....	3	Troubleshooting .....	11
Convert to Downflow .....	4	<b>ASSISTANCE OR SERVICE .....</b>	<b>13</b>
Connect Condensate Drain .....	4	Accessories .....	13
Install Duct Work .....	5	<b>WARRANTIES .....</b>	<b>14</b>
Make Electrical Connections .....	5		
Complete Installation .....	7		

## COOLING UNIT / HEAT PUMP UNIT SAFETY

### Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING." These words mean:

**⚠ DANGER**

**You can be killed or seriously injured if you don't immediately follow instructions.**

**⚠ WARNING**

**You can be killed or seriously injured if you don't follow instructions.**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

# INSTALLATION REQUIREMENTS

These instructions are intended as a general guide only and do not supersede any national or local codes in any way. Compliance with all local, state, or national codes pertaining to this type of equipment should be determined prior to installation.

Read this entire instruction manual, as well as the instructions supplied in separate equipment, before starting the installation.

The installation of the package unit, wiring, warm air ducts, venting, etc. must conform to the requirements of the National Fire Protection Association, and the National Electrical Code, ANSI/NFPA No. 70 (latest edition) in the United States, and any state laws, local ordinances (including plumbing or wastewater codes). Local authorities having jurisdiction should be consulted before installation is made. Such applicable regulations or requirements take precedence over the general instructions in this manual.

## Tools and Parts

Assemble the required tools before starting installation. Read and follow the instructions provided with any tools listed here.

### Tools Needed:

- Screwdriver
- Drill
- Tape measure
- 1/8 in. Drill bit

### Parts Needed:

Check local codes and existing electrical supply, and read "Electrical Requirements," and "Duct Work Requirements" before purchasing parts.

### Electric Heat Kit

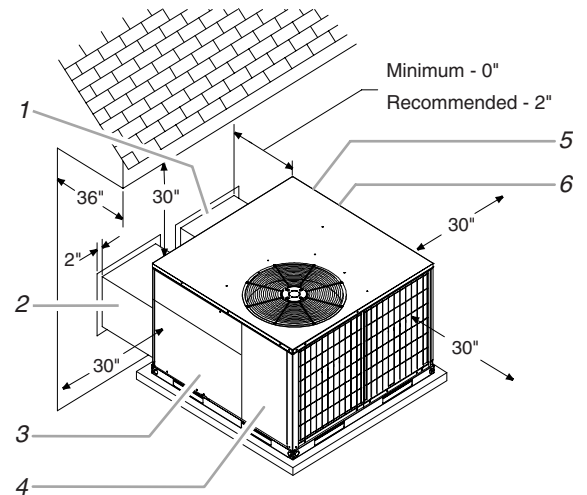
All units are ready for easy installation of accessory electric heat kits. Only approved kits, as noted on the rating plate, are permitted for installation. Electric heat kits must be installed according to the instructions provided with the accessory kit.

## Location Requirements

- This package unit is designed to be located outdoors with sufficient clearance for free entrance to the inlet and discharge air openings. The location must also allow for adequate service access. See "Minimum Clearances."
- Where possible, select a location for the package unit that is shaded from the direct rays of the sun most of the time. North or east locations are usually most desirable. Position the package unit to avoid direct contact with water, snow or ice from a roof line overhead.
- The package unit must be installed on a solid, level mounting pad that will not settle or shift. Isolate the pad from the building structure to avoid possible transmission of sound or vibration into the conditioned space.

- The package unit foundation should be raised to a minimum of 3 in. above finish grade. In areas which have prolonged periods of temperature below freezing and snowfall, the package unit should be elevated above the average snow line. If the package unit is to be installed on a flat roof, it should be on a platform or other support which will raise the base a minimum of 8 in. above the surface of the flat roof.
- Avoid placing the package unit near areas such as sleeping quarters or study rooms. Normal operating sound levels may be louder than desired if the package unit is placed near certain rooms.

## Installation Clearances



1. Supply air duct
2. Return air duct
3. Evaporator coil access panel
4. Compressor access panel
5. Control access panel
6. Blower access panel

## Duct Work Requirements

- Install all conditioned air plenums, ducts and air filters in accordance with NFPA 90B Standard for the Installation of Warm Air Heating and Air-Conditioning Systems (latest edition).
- The package unit is provided with flanges for the connection of the plenum and ducts.
- All air filters must be listed as Class 2 furnace air filters.
- All duct work must be made of materials and insulated to meet local, state and national codes. Duct work installed outdoors must be sealed, weather proof and protected against physical damage. Caulking, flashing or other means of adequately providing a permanent weather seal should be used where duct penetrates a building or structure opening.

## Electrical Requirements

### **WARNING**



#### Electrical Shock Hazard

Electrically ground package unit.

Connect ground wire to ground terminal marked "GROUND".

Use copper wire for supply connection.

Correct wire gauge is shown in the chart below.

Failure to follow these instructions can result in death or electrical shock.

Rating Plate Ampacity	AWG
Less than 15	14
16 - 20	12
21 - 30	10
31 - 50	8

**NOTE:** All outdoor wiring must be weatherproof. Use copper conductors only.

- All field wiring must be done in accordance with National Electrical Code requirements, applicable requirements of UL, or local codes, where applicable.
- Electrical wiring, disconnect means and over current protection are to be supplied by the installer. Refer to the rating plate for the maximum over current protection, minimum service ampacity, and operating voltage. See wiring diagram.
- This package unit must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electric Code, ANSI/NFPA 70.

# INSTALLATION INSTRUCTIONS

## Inspect Shipment

### **WARNING**

#### Excessive Weight Hazard

**Use two or more people and mechanical equipment to lift, move and install package unit.**

**Failure to do so can result in back or other injury.**

This unit is shipped in one package, completely assembled and wired. The thermostat is shipped in a separate carton when ordered.

1. Check the package unit rating plate to confirm specifications are as ordered.
2. Upon receipt of equipment, carefully inspect it for possible shipping damage. Take special care to examine the unit inside the carton if the carton is damaged.

If damage is found, it should be noted on the carrier's freight bill. Damage claims should be filed with the carrier immediately. Claims of shortages should be filed with the seller within 5 days.

**NOTE:** If any damages are discovered and reported to the carrier, do not install the unit as your claim may be denied.

## Place Package Unit in Final Location

### **WARNING**

#### Excessive Weight Hazard

**Use two or more people and mechanical equipment to lift, move and install package unit.**

**Failure to do so can result in back or other injury.**

Place the package unit in its final location and position it in the proper orientation to the house so that connecting ducts and electrical supplies is easily done. Hoisting may be required.

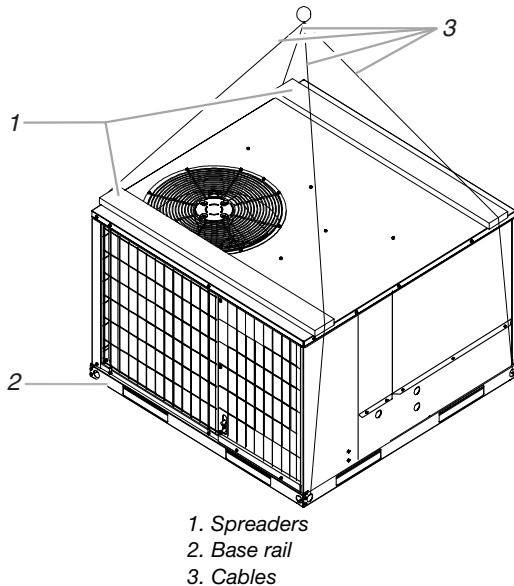
## Hoisting

**NOTE:** All access panels must be secured in place before hoisting.

The unit should be hoisted with 2 lifting slings. Attach the slings to rigging shackles that have been hooked through holes in the base rail.

Place 2 spreaders on top of the unit to protect the unit from damage from the pressure exerted by the slings. Make sure that all equipment is rated to handle at least 750 lbs and that the slings will not allow the unit to shift as shown following.

## Typical Sling Configuration



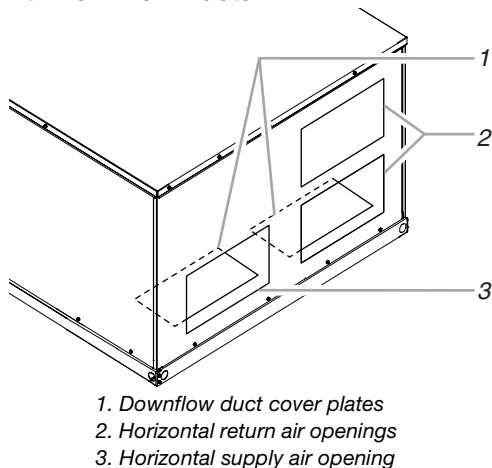
## Convert to Downflow

All package units are factory built for horizontal applications. Large cabinet models may be field converted to downflow use.

### To convert to downflow use (large cabinet models only):

1. Remove the downflow duct cover plates found in the return and supply air compartments.
2. Place the duct cover plates over the horizontal supply and return duct openings.
3. Using the holes in the duct cover plates as a template, drill six  $\frac{1}{8}$  in. diameter holes into the cabinet.
4. Using the 2 screws on each duct cover plate, and the 8 screws in the literature bag, install the duct cover plates on the horizontal return and supply air openings.

### Models with Downflow Ducts



## Connect Condensate Drain

The condensate drain outlet is located at the bottom on the side of the package unit. A drain line with trap must be installed on all applications to prevent accumulation of condensate under or around the unit.

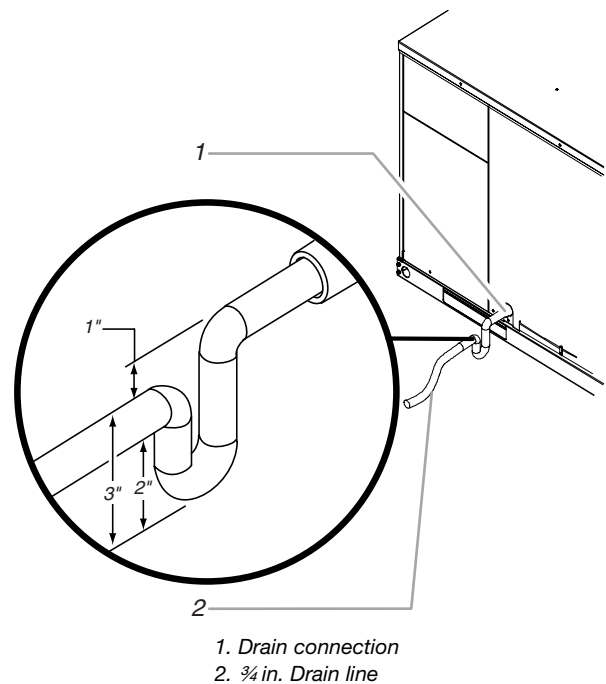
### Install Condensate Trap

1. Construct the condensate trap from PVC tubing as shown in "Condensate Trap Construction."

#### NOTES:

- The condensate trap allows a standing column of water of at least 2 in. (50 mm).
  - The top of the outlet from the condensate trap must be at least 1 in. (25 mm) below the top of the outlet.
  - The trap should be installed as close to the package unit as possible, while still providing proper drainage.
  - Do not block heat exchanger access panel with drain line.
2. Attach the drain assembly into the package unit.  
**NOTE:** Do not glue the condensate trap to the package unit.
  3. Run the drain line to an open drain or other suitable disposal point.

### Condensate Trap Construction



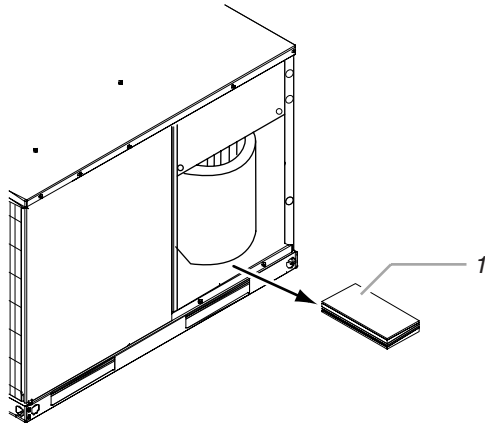
### Remove Blower Shipping Support (Small Cabinets)

Small cabinet units are shipped with a corrugated shipping support mounted under the blower motor housing. This blower support must be removed before operating the unit.

1. Remove the blower access panel.
2. Remove and discard the blower shipping support by sliding it away from the blower assembly as shown.

**NOTE:** It may be necessary to pull up on the evaporator blower assembly slightly to remove the corrugated support.

- Replace the blower access panel.



1. Blower shipping support

## Install Duct Work

- Install duct work in accordance with NFPA 90B and any local codes.
- The use of flexible, non-combustible connectors between the main trunk ducts and the supply and return air plenums is recommended to minimize vibration transmission.
- Plenums must be individually sealed to unit casing with ducts terminating inside the structure.
- Flashing used to cover ductwork must permit removal of access panels and top. See “Minimum Clearances”.
- Large cabinet models have 2 horizontal return air duct openings. Both return openings must be used for horizontal applications.

**NOTE:** For downflow applications, the 2 horizontal return air duct openings are used for optional economizer installation.

## Filters

All return air must pass through a filter before entering the unit. An electronic air cleaner, filter rack or other accessible filter arrangement must be installed in the return air ductwork. Minimum recommended filter areas are listed in the Minimum Filter Requirements Chart, and are based on a face velocity of 325 ft./min. for disposable filters and 525 ft./min. for cleanable filters.

**Minimum Filter Requirements Chart**

Nominal Cooling Tons	Nominal Airflow Range (CFM)	Minimum Filter Sizes	
		Disposable Filters	Cleanable Filters
2	700 - 900	(1) 20 x 20	(1) 15 x 20
2½	875 - 1125	(1) 20 x 25	(1) 15 x 20
3	1050 - 1350	(1) 25 x 25	(1) 20 x 20
3½	1225 - 1575	(2) 15 x 25	(1) 20 x 20
4	1400 - 1800	(2) 20 x 20	(1) 25 x 25
5	1750 - 2250	(2) 20 x 25	(1) 25 x 25

## Make Electrical Connections

### IMPORTANT:

- Electrical wiring, disconnect means and over current protection are to be supplied by the installer. Refer to the rating plate for the maximum over-current protection, minimum circuit ampacity, and operating voltage. See wiring diagram.
- Install an adequately sized branch circuit disconnect, per the NEC, within sight of and readily accessible from heat pump.
- The cable or conduit and fittings connected from the disconnect to the package unit shall be rated for outdoor use

## ⚠ WARNING



### Electrical Shock Hazard

Electrically ground package unit.

Connect ground wire to ground terminal marked “GROUND”.

Use copper wire for supply connection.

Correct wire gauge is shown in the chart below.

Failure to follow these instructions can result in death or electrical shock.

Rating Plate Ampacity	AWG
Less than 15	14
16 - 20	12
21 - 30	10
31 - 50	8

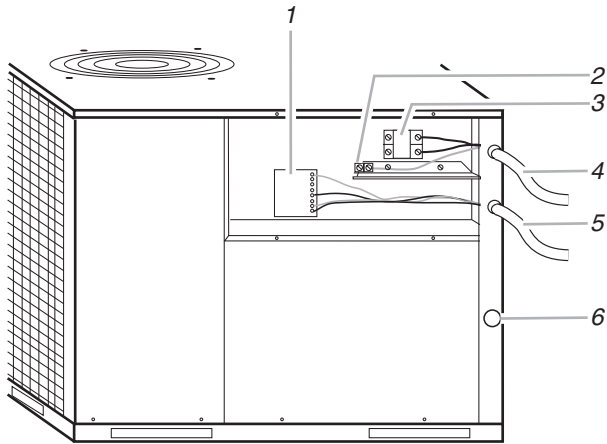
# ⚠ WARNING



## Electrical Shock Hazard

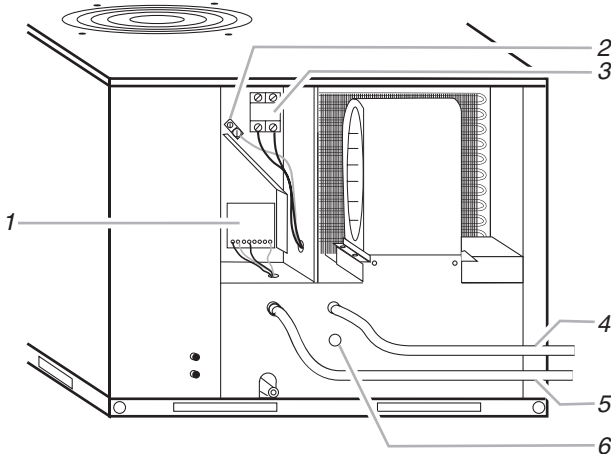
Disconnect all power supplies before servicing.  
 Replace all parts and panels before operating.  
 Failure to do so can result in death or electrical shock.

### Electrical Wiring Service Entrance - Small Cabinet Models



- 1. Control board (low voltage connections)
- 2. Ground terminal
- 3. Contactor (L1, L2 connections)
- 4. Line Voltage conduit
- 5. Low Voltage conduit
- 6. Service entrance for accessory electric heat field supply wires

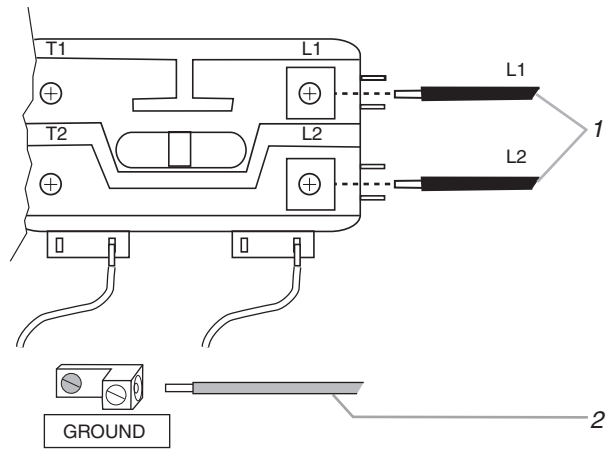
### Electrical Wiring Service Entrance - Large Cabinet Models



- 1. Control board (low voltage connections)
- 2. Ground terminal
- 3. Contactor (L1, L2 connections)
- 4. Line Voltage conduit
- 5. Low Voltage conduit
- 6. Service entrance for accessory electric heat field supply wires

1. Disconnect all power supplies.
2. Remove the control access panel.
3. Connect the field supply wires L1 and L2 to contactor terminals L1 and L2.

4. Connect ground wire to ground terminal marked "Ground."



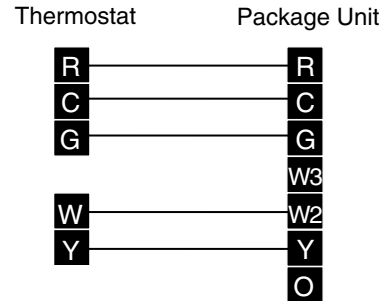
- 1. 208/230 Volt field supply wires
- 2. Field supply ground wire

5. Connect low voltage circuit.

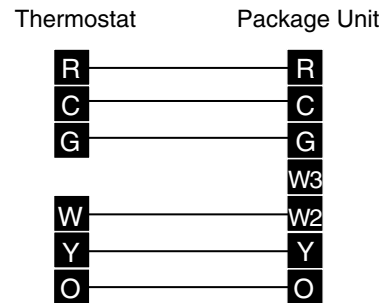
### Low Voltage Connections

1. Route the low voltage supply wires to the control compartment.
2. Connect the low voltage supply wires to the matching control board terminals. See wiring diagram.

### Typical Air Conditioner Wiring Connections



### Typical Heat Pump Wiring Connections



3. Replace the control access panel.

## 208 Volt Conversion

### **⚠ WARNING**



#### Electrical Shock Hazard

**Disconnect all power supplies before servicing.  
Replace all parts and panels before operating.  
Failure to do so can result in death or electrical shock.**

1. Disconnect all power supplies.
2. Remove the control access panel.
3. Move the black wire lead from the 240 Volt terminal on the transformer to the 208 Volt terminal (center tap) on the transformer. See "Wiring Diagram."
4. Replace the control access panel.

## Complete Installation

1. Operate the package unit for a period of at least 15 minutes to allow for pressures and temperatures to stabilize.
2. If the package unit does not appear to be functioning correctly, have the unit checked by a person certified by the EPA to handle refrigerant.

## Adjust Blower Speed

### **⚠ WARNING**



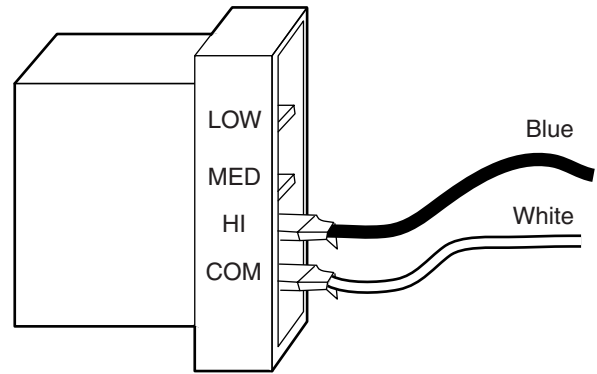
#### Electrical Shock Hazard

**Disconnect all power supplies before servicing.  
Replace all parts and panels before operating.  
Failure to do so can result in death or electrical shock.**

**NOTE:** Refer to the "Wiring Diagram."

1. Disconnect all power supplies.
2. Remove blower access panel.

3. Place the blue wire on the HI, MED or LOW motor speed tap, as desired.



4. Replace blower access panel.
5. Reconnect all power supplies.

## Factory Setting Blower Motor Speeds

Model	Speed
WPC / WPH 124, 224	Low
WPC / WPH 130, 230, 136, 236, 148, 248	Medium
WPC / WPH 142, 242, 160, 260	High

# HEAT PUMP MODELS ONLY

## Sequence of Operation

### Cooling

Upon cooling demand, the thermostat closes circuit R to O and Y. Closing R to O and Y energizes the reversing valve for cooling operation and closes the contactor, starting the compressor and outdoor fan. The thermostat automatically closes R to G circuit, which also brings on the indoor fan at the same time. Upon satisfying cooling demand, the thermostat will open the above circuits and open the main contactor, stopping the compressor and outdoor fan. If equipped with a delay timer, the blower will continue to operate for 60 – 90 seconds which improves system efficiency.

### Heating

Upon heating demand, the thermostat closes circuit R to Y, which closes the contactor, starting the compressor and outdoor fan. The reversing valve is not energized in the heating mode. The thermostat again automatically brings on the indoor fan at the same time. Upon satisfying heating demand, the thermostat opens above circuits and stops heat pump operation.

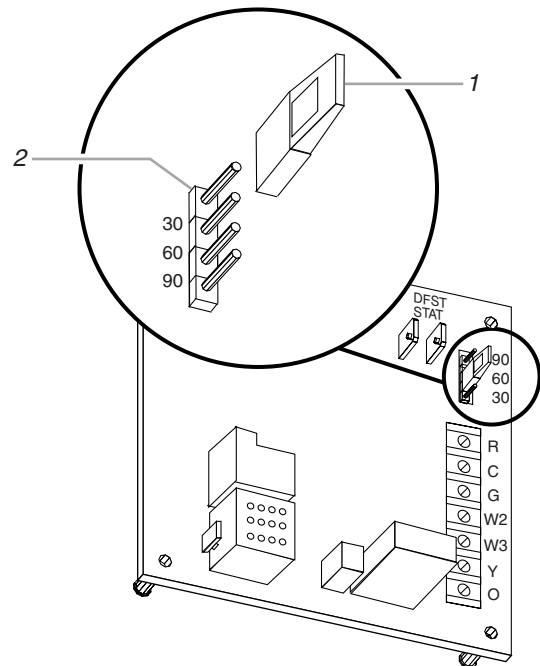
### Defrost Cycle

If the outdoor ambient conditions are such that frost forms on the outdoor coil, the defrost control monitors the need for and initiates and terminates defrost cycles as necessary to maintain system performance. The defrost control is time/temperature initiated and temperature terminated with a maximum defrost time (time-out) of 10 minutes. The time between defrost cycles is preset at 60-minute intervals at the factory, but can be field adjusted between 30, 60, or 90 minutes. To adjust the time period between defrost cycles, see “Adjust Time Between Defrost Cycles.”

The defrost control will initiate a defrost cycle when the selected time period has elapsed and the defrost sensor sees a temperature below freezing. At the start of a defrost cycle, the defrost control will energize the reversing valve solenoid, shifting the reversing valve and de-energizing the outdoor fan. The defrost relay will also close, energizing temporary heat for increased comfort during defrost. The heat pump will remain in defrost until the defrost sensor has determined that the frost has been removed from the coil or a 10-minute period has elapsed, whichever comes first.

## Adjusting Defrost System

### Defrost Control Board



1. Defrost time setting plug
2. Defrost sensor terminals



---

## Adjust Time Between Defrost Cycles.

---

### **⚠ WARNING**



#### **Electrical Shock Hazard**

**Disconnect all power supplies before servicing.**

**Replace all parts and panels before operating.**

**Failure to do so can result in death or electrical shock.**

1. Disconnect all power supplies.
2. Remove control access panel.
3. To adjust the time period between defrost cycles, place the defrost time plug in the proper position (see “Defrost Control Board”).
  - For 30 minute intervals between defrost cycles, move the Defrost Time Setting Plug to the pins corresponding to 30.
  - For 60 minute intervals between defrost cycles, move the Defrost Time Setting Plug to the pins corresponding to 60 (this setting is the factory preset setting).
  - For 90 minute intervals between defrost cycles, move the Defrost Time Setting Plug to the pins corresponding to 90.
4. Replace control access panel.
5. Reconnect all power supplies.

---

## System Maintenance

- Leaves and other large obstructions should be carefully removed from the heat pump surfaces without damaging the fin surface of the coil.
- Routinely clean or change the indoor air filter. Should the indoor coil become dirty, thus restricting airflow, call a qualified service person to carefully clean the coil surface.
- An annual inspection by a qualified person should be performed to ensure continued quality performance.

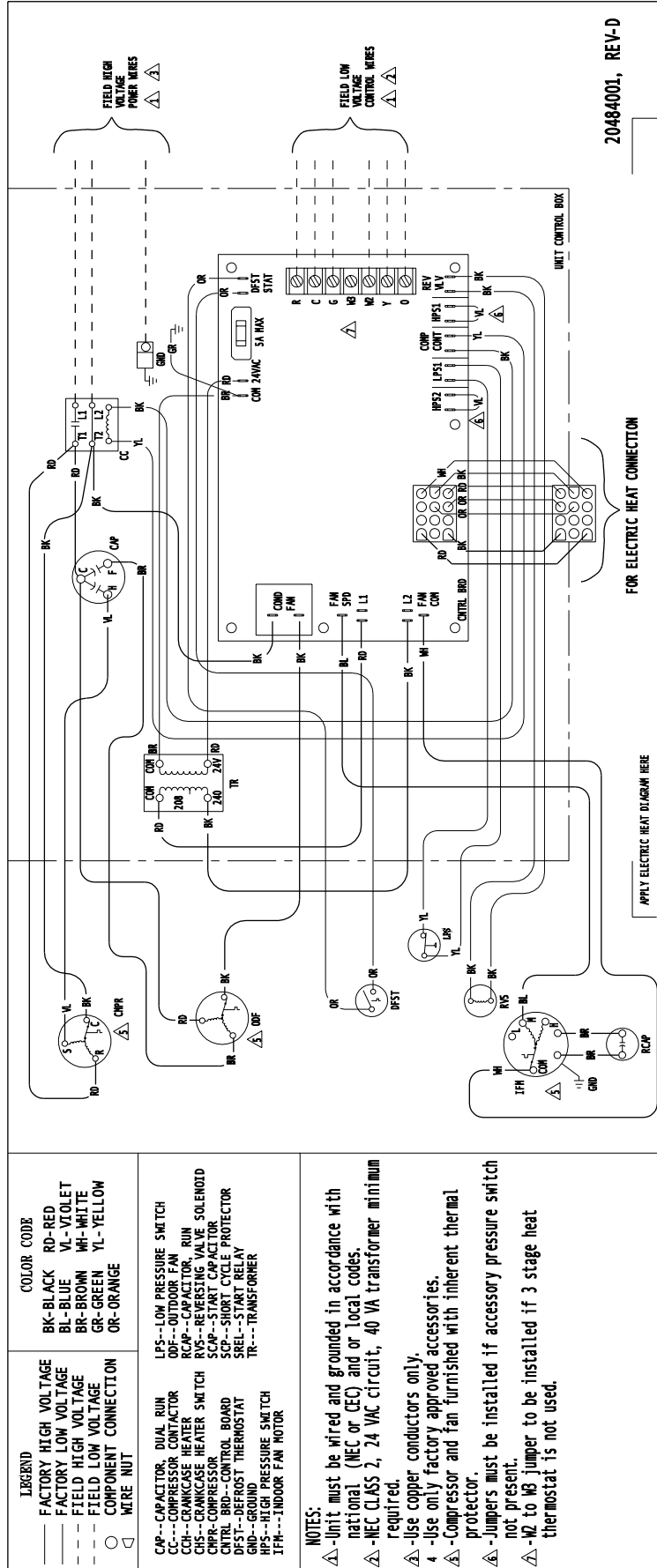
---

## Troubleshooting

Review “Sequence of Operation” and visually inspect the following before troubleshooting:

- Is the power to the package cooling/package heat pump on?
- Is the blower compartment door securely closed?

# Wiring Diagram - Heat Pump Models



LEGEND	COLOR CODE
— FACTORY HIGH VOLTAGE	BK-BLACK RD-RED
--- FACTORY LOW VOLTAGE	BL-BLUE VL-VIOLET
--- FIELD HIGH VOLTAGE	BR-BROWN WH-WHITE
--- FIELD LOW VOLTAGE	GR-GREEN YL-YELLOW
○ COMPONENT CONNECTION	OR-ORANGE
□ WERE NUT	

- CAP--CAPACITOR, DUAL RUN
- CC--COMPRESSOR CONTACTOR
- CHS--CRANKCASE HEATER
- CHP--COMPRESSOR HEATER SWITCH
- COM--CONTROL BOARD
- DEF--DEFROST THERMOSTAT
- DS--START DELAY
- GND--GROUND
- HPS--HIGH PRESSURE SWITCH
- IFM--INDOOR FAN MOTOR
- LPS--LOW PRESSURE SWITCH
- ODF--OUTDOOR FAN
- RCAP--CAPACITOR, RUN
- RVS--REVERSING VALVE SOLENOID
- SCAP--START CAPACITOR
- SEL--START DELAY PROTECTOR
- TR--TRANSFORMER

**NOTES:**

- △ -Unit must be wired and grounded in accordance with national (NEC or CEC) and/or local codes.
- △ -NEC CLASS 2, 24 VAC circuit, 40 VA transformer minimum required.
- △ -Use copper conductors only.
- △ -Use only factory approved accessories.
- △ -Compressor and fan furnished with inherent thermal protector.
- △ -Jumpers must be installed if accessory pressure switch not present.
- △ -W2 to W3 jumper to be installed if 3 stage heat thermostat is not used.

---

# COOLING MODELS ONLY

---

---

## Sequence of Operation

---

### Cooling

---

Upon cooling demand, the thermostat closes circuit R to Y. Closing R to Y energizes the package unit for cooling operation and closes the contactor, starting the compressor and outdoor fan. The thermostat automatically closes R to G circuit which also brings on the indoor fan at the same time. Upon satisfying cooling demand, the thermostat will open the above circuits and open the main contactor, stopping the compressor and outdoor fan. If equipped with a delay timer, the blower will continue to operate for 60 - 90 seconds which improves system efficiency.

---

## System Maintenance

---

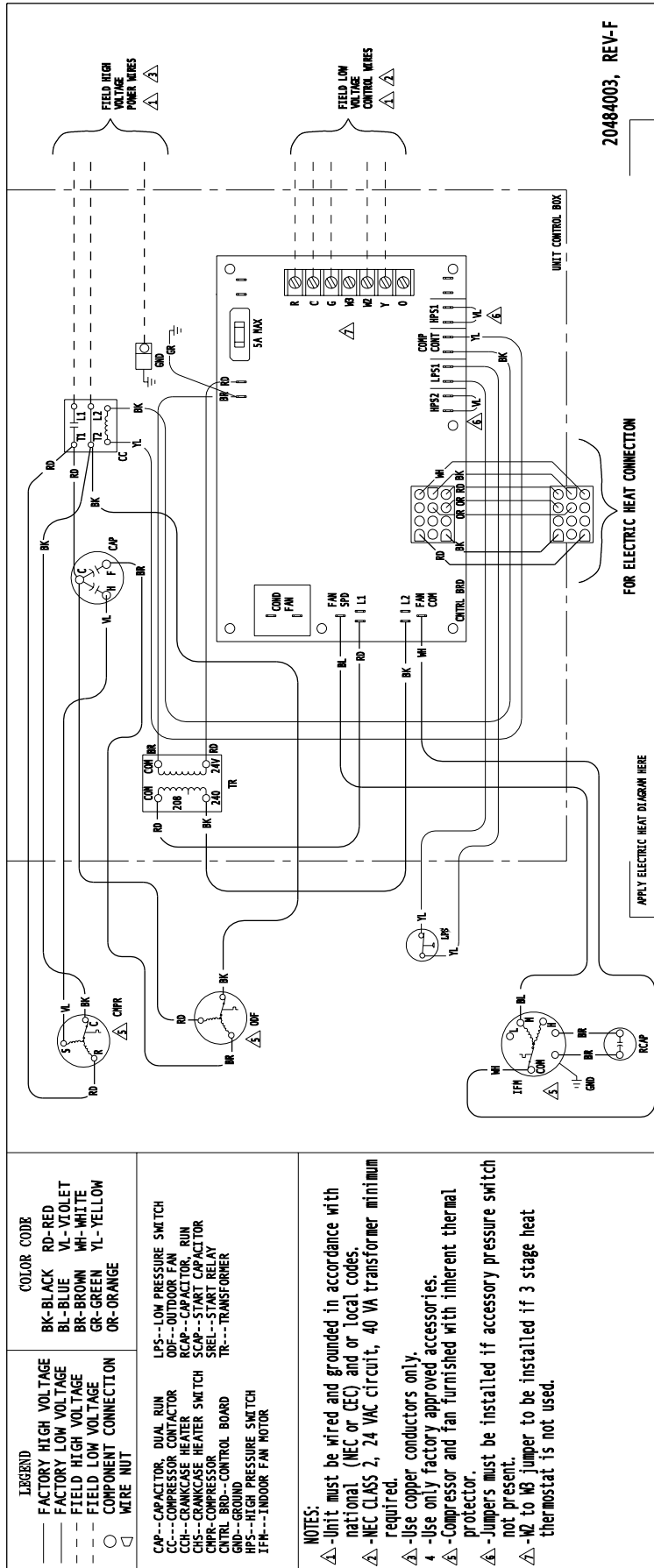
- Leaves and other large obstructions should be carefully removed from the heat pump surfaces without damaging the fin surface of the coil.
  - Routinely clean or change the indoor air filter. Should the indoor coil become dirty, thus restricting airflow, call a qualified service person to carefully clean the coil surface.
  - An annual inspection by a qualified person should be performed to ensure continued quality performance.
- 

## Troubleshooting

Review "Sequence of Operation" and visually inspect the following before troubleshooting:

- Is the power to the package cooling/package heat pump on?
- Is the blower compartment door securely closed?

# Wiring Diagram - Air Conditioner Models



---

# ASSISTANCE OR SERVICE

If you need further assistance, you can write to the below address with any questions or concerns:

Whirlpool® Home Cooling and Heating  
7901 S.W. 6th Court  
Plantation, Florida 33324

Please include a daytime phone number in your correspondence.

---

## Accessories

To order accessories ask for the appropriate part number listed below or contact your Whirlpool® Home Cooling and Heating dealer.

Electric Heat Kit      See unit rating plate for available kits.

## Limited Warranty

September 2002

*This warranty gives you specific legal rights and you may have other rights which vary from state/province to state/province. This warranty applies to U.S. and Canada only.*

**Warrantor: Allied Air Enterprises Inc., 355 Millennium Dr., Orangeburg, SC 29115**

Products are available under the following names: Whirlpool, Whirlpool Gold

## General Warranty

Subject to the limitations stated in this warranty, we warrant the covered equipment for residential use, when installed, operated and maintained according to the manufacturer's instructions, to be free of defects in workmanship or materials for a period of 5 years (1 year for commercial use) from the time of initial installation. We will replace any defective component without cost or expense to you except for the costs of diagnosis, delivery and labor for removing, servicing and/or replacing the parts or unit.

## Warranty Begins

The warranty period begins when the installation is complete and the product is ready to operate. You must be able to verify this date whenever a warranty claim is made. Original bill of sale, installer's invoice or other similar document will suffice. If the beginning date cannot be verified, we will consider warranty coverage to begin 6 months after the date the product was shipped from our factory.

## Limitations on Implied Warranties

**Implied warranties of merchantability or, to the extent applicable, fitness for a particular purpose are excluded to the extent legally permissible and are in any event limited to 5 years, or the shortest period allowed by law. Some states/provinces do not allow limitations or exclusions on how long an implied warranty of merchantability or fitness lasts, so the above limitations or exclusions may not apply to you.**

## Only Warranty

**This written Limited Warranty is the only warranty made by the warrantor; this warranty is in lieu of and excludes all other warranties by the warrantor, express or implied. The warrantor does not authorize any person to provide on it's behalf any other warranty or to assume for it any further obligation in connection with the warranted product.**

## What is NOT Covered by Any Warranty

1. Cabinets or cabinet pieces.
2. Normal maintenance items such as filters, fan belts, fuses or other consumable items.
3. Damage caused by misuse, failure to maintain properly, accidents or acts of God.
4. External wiring, piping, venting or attachment of accessory products not integral to our product, including without limitation, humidifier, air cleaner, vent damper, thermostat or other mechanical devices not manufactured by the warrantor.
5. Products that have been operated in a corrosive atmosphere or otherwise in contact with corrosive materials where a concentration of acids, halogenated hydrocarbons or other corrosive elements such as urine, salt, etc. causes deterioration to metal surfaces or integral components. NOTE: Operation in a corrosive atmosphere is considered misuse and voids this warranty.
6. Products that have NOT been installed, used and maintained in accordance with our published installation instructions, applicable local, state/provincial or national codes, and/or ACCA published standards.
7. Products that have NOT been installed by competent, qualified installers.
8. Products that have been moved from their original place of installation.

## Warranty on Replacement Components

Any replacement product or component furnished by us will assume the remaining (unused) portion of the Limited Warranty.

## Consequential Damages

The warrantor shall not be responsible for any accidental consequential damages caused by any defect in the product. Some state/provinces do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This product must be installed, used and cared for in accordance with the instruction manual. You are responsible for required periodic maintenance or service, such as changing or cleaning of air filters and lubrication or cleaning of components. **Failure to properly install, operate or maintain your unit voids this warranty.**

## Limited Warranty

September 2002

*This warranty gives you specific legal rights and you may have other rights which vary from state/province to state/province. This warranty applies to U.S. and Canada only.*

**Warrantor: Allied Air Enterprises Inc., 355 Millennium Dr., Orangeburg, SC 29115**

Products are available under the following names: Whirlpool, Whirlpool Gold

### General Warranty

Subject to the limitations stated in this warranty, we warrant the covered equipment for residential use, when installed, operated and maintained according to the manufacturer's instructions, to be free of defects in workmanship or materials for a period of 5 years (1 year for commercial use) from the time of initial installation. We will replace any defective component without cost or expense to you except for the costs of diagnosis, delivery and labor for removing, servicing and/or replacing the parts or unit.

**WPH1 series heat pumps carry a 5-year compressor warranty. WPH2 series heat pumps carry a 10-year compressor warranty.**

### Warranty Begins

The warranty period begins when the installation is complete and the product is ready to operate. You must be able to verify this date whenever a warranty claim is made. Original bill of sale, installer's invoice or other similar document will suffice. If the beginning date cannot be verified, we will consider warranty coverage to begin 6 months after the date the product was shipped from our factory.

### Limitations on Implied Warranties

**Implied warranties of merchantability or, to the extent applicable, fitness for a particular purpose are excluded to the extent legally permissible and are in any event limited to 5 years, or the shortest period allowed by law. Some states/provinces do not allow limitations or exclusions on how long an implied warranty of merchantability or fitness lasts, so the above limitations or exclusions may not apply to you.**

### Only Warranty

**This written Limited Warranty is the only warranty made by the warrantor; this warranty is in lieu of and excludes all other warranties by the warrantor, express or implied. The warrantor does not authorize any person to provide on its behalf any other warranty or to assume for it any further obligation in connection with the warranted product.**

### What is NOT Covered by Any Warranty

1. Cabinets or cabinet pieces.
2. Normal maintenance items such as filters, fan belts, fuses or other consumable items.
3. Damage caused by misuse, failure to maintain properly, accidents or acts of God.
4. External wiring, piping, venting or attachment of accessory products not integral to our product, including without limitation, humidifier, air cleaner, vent damper, thermostat or other mechanical devices not manufactured by the warrantor.
5. Products that have been operated in a corrosive atmosphere or otherwise in contact with corrosive materials where a concentration of acids, halogenated hydrocarbons or other corrosive elements such as urine, salt, etc. causes deterioration to metal surfaces or integral components. NOTE: Operation in a corrosive atmosphere is considered misuse and voids this warranty.
6. Products that have NOT been installed, used and maintained in accordance with our published installation instructions, applicable local, state/provincial or national codes, and/or ACCA published standards.
7. Products that have NOT been installed by competent, qualified installers.
8. Products that have been moved from their original place of installation.

### Warranty on Replacement Components

Any replacement product or component furnished by us will assume the remaining (unused) portion of the Limited Warranty.

### Consequential Damages

The warrantor shall not be responsible for any accidental consequential damages caused by any defect in the product. Some state/provinces do not allow the exclusion or limitations of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This product must be installed, used and cared for in accordance with the instruction manual. You are responsible for required periodic maintenance or service, such as changing or cleaning of air filters and lubrication or cleaning of components. **Failure to properly install, operate or maintain your unit voids this warranty.**

---

**Keep this book and your sales slip together for future reference. You must provide proof of purchase or installation date for in-warranty service.**

Write down the following information about your Package Cooling Unit / Package Heat Pump Unit to better help you obtain assistance or service if you ever need it.

Dealer name \_\_\_\_\_

Address \_\_\_\_\_

Phone number \_\_\_\_\_

Model number \_\_\_\_\_

Serial number \_\_\_\_\_

Installation date \_\_\_\_\_