

RoomMate<sup>®</sup>

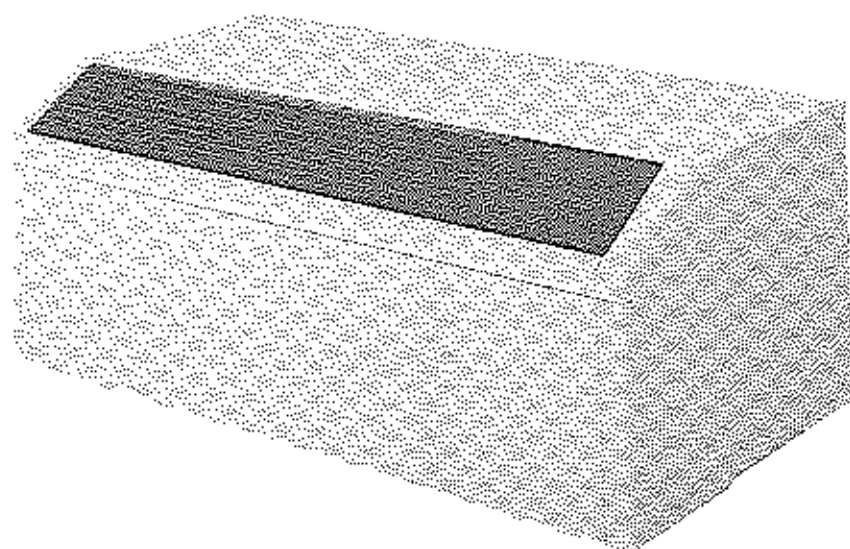
PTA/PTP Series

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Packaged Terminal  
Air Conditioners & Heat Pumps  
with Electric Heat or Hydronic Subbase Heat

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**Chassis and Room Cabinet  
Installation, Operation and  
Maintenance Instructions**



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## GENERAL INFORMATION

### Inspection

Upon receipt of shipment, carefully check the shipment against the Bill of Lading. Make sure all Chassis and Room Cabinets have been received. Inspect each Chassis and Room Cabinet for damage. Assure that the carrier makes proper notation on the delivery receipt of all damage identified and that he/she completes a Carrier Inspection Report. Concealed damage must be reported to the carrier within fifteen (15) days of receipt of shipment. **NOTE: It is the responsibility of the purchaser to file all necessary claims with the carrier. Notify ACP's Traffic Department of all damage within fifteen (15) days of receipt of shipment.**

**NOTE: The Series PTA/PTP/PTH Room Cabinet and Chassis is designed for installation in an ACP Wall Sleeve which is shipped separately in the U.S. and Canada and shipped with the Chassis when exported. A Rear Louver\*, which is also shipped separately, is required to complete the installation.**

#### **A CAUTION**

If the ACP Chassis is installed in other than an ACP Wall Sleeve, the following may be required. The addition of condenser blockoffs may be needed; also it may be required to modify or replace the existing Louver. The blockoff kits and modification instructions are Kit# 69766400 for Amana, G.E., and McQuay; Kit# 69766401 for Carrier. Failure to install these blockoffs or to modify the Louvers will VOID THE WARRANTY (contact your local ACP sales office for specifics on installation in sleeves by others.)

\* Refer to separate instructions for the installation of the Wall Sleeve and the Rear Louver as noted in the Introduction section below.

### Introduction

This document describes how to install the Chassis and Room Cabinet of the PTA/PTP Series Package Terminal Air Conditioner/Heat Pump. Complete installation requires some or all of the following additional Installation, Operation, and Maintenance (IOM) manuals:

Wall Sleeve IOM (Part# 69563806)

Rear Louver IOM (Part# 69563801)

Permanent Connection Kit IOM  
(Part# 69563805)

Hydronic Subbase IOM (Part# 69563807)

Drain Kit IOM (Part# 69563803)

3-inch Subbase IOM (Part# 6956302)

### Pre-Installation

Test run all Chassis prior to installation. Connect Chassis to a proper power supply. Refer to Operating Instructions section of this publication for further details. Check all controls for proper operation. Disconnect the Chassis before installing.

#### **A WARNING**

Moving parts can cause personal injury. Exercise all due caution when test running the Chassis.

## ELECTRICAL WIRING

### Voltage Supply

For proper operation of the compressor, always maintain voltage between 187 and 253 volts for 208/230-volt Chassis, between 239 and 292 volts for 265-volt Chassis, and between 104 and 126 volts for 115-volt Chassis. Check the voltage supply at the outlet. For 240/220-1-50 export Chassis, voltage must remain between 198 and 264 volts. To avoid over-heating when using electric strip heat, maintain voltage close to nominal (i.e. 208, 230 or 265 volts).

### Cord Connected Chassis

**Receptacle.** Refer to Figure 1. The Receptacle must match the plug on the cord and be within the reach of the

cord. The plug/cord reaches 50 inches to the right and 8 inches to the left of the Chassis. Figure 1 illustrates receptacle types.

**Plug/Cord.** DO NOT alter the cord or the plug. DO NOT use an extension cord with this Chassis.

**Figure 1: Receptacles**

VOLTS	115		250		
AMPS	15	20	15	20	30
NEMA	5-15R	5-20R	6-15R	6-20R	6-30R

## Permanently Connected Chassis

- (1) Refer to Permanent Connection Kit IOM (Part # 69563805).
- (2) Open the Chassis control panel cover to access the Chassis power connector.
- (3) Attach the Permanent Connection Kit to the control panel. Join the two power connectors.
- (4) Close the control panel cover and make the connection to the branch circuit wiring.

Refer to the Hydronic Subbase IOM (Part# 69563808) for information on power connection between the Hydronic Subbase and the PT Chassis/Bottom Return Room Cabinet.

## Wire Size

Use the wire size suggested in Figure 2 and install a single branch circuit. Wiring **MUST** comply with all local, regional, and national codes. *Use copper conductors only.*

Figure 2 - Wire Size Chart\*

NAMEPLATE AMPS	AWG WIRE SIZE†
7.0 to 12.0	14
12.1 to 16	12
16.1 to 24	10

AWG - American Wire Gauge

\* Single circuit from main box.

† Based on copper wire at 60°C temperature rating.

**NOTE:** To provide clearance for the plug/cord or Permanent Connection Kit on Chassis with Front Return Room Cabinets and Wall Sleeves installed flush with the finished floor, notch the bottom edge of the right side panel of the Room Cabinet.

## Grounding

For safety and protection, assure that the branch circuit and the receptacle is grounded. The Chassis is grounded through the cord/plug or through a separate ground wire provided on permanently connected Chassis.

Fuse all models as indicated on the Chassis nameplate. Use time-delay type fuses. An HACR circuit breaker may be used if permitted by local codes. **NOTE: A time-delay fuse is provided with a 265-volt Chassis as standard.**

## Low-Voltage Connection

**Chassis with a 24-volt Program Relay.** These Chassis are supplied with a normally closed 24-volt power relay. When 24 volts are supplied to the relay coil, power to the Chassis is interrupted.

**NOTE:** Any 24-volt SPST-type switch with a minimum rating of 0.5-amp inductive at 24 volts can be used with the Program Relay. The SPST switch can be a central desk control switch, an occupancy sensor, a door switch, or other similar device. The power relay coil is rated at 14.7 inrush va. The minimum va of the field-supplied transformer should be 10 times the number of Chassis. The minimum voltage required to operate the relay is 20.4 volts measured at the coil terminals under inrush conditions.

Figure 3 - Long Wire Voltage Drops

AWG WIRE SIZE†	VOLTAGE DROP DURING IN RUSH FOR 1,000 FT (300M) OF WIRE
18	5
16	3.2
14	2.0

AWG - American Wire Gauge

† Based on copper wire at 60°C temperature rating.

### CAUTION

To prevent relay coil damage, **DO NOT** apply more than 28 volts.

Certain applications may require long lengths of wire between the Chassis and the switching device. Proper sizing of the control wiring is required to ensure adequate voltage at the coil terminals. Refer to Figure 3, which illustrates voltage drop. Calculate voltage drop proportionately for wire lengths greater (or less) than 1000 feet (300 m).

- (1) Disconnect power to the Chassis.
- (2) Open the cover on the front of the control panel.
- (3) Insert two field-supplied, low-voltage wires from the switching device through the opening in the control panel.
- (4) Connect the low-voltage wires to the Program Relay terminals.

**24-Volt Wall Thermostat Chassis.** Chassis is supplied with a low-voltage terminal board for direct interface with a low-voltage thermostat. When properly wired, Chassis operation is controlled by the remote wall-mounted thermostat. **Note: Check supply voltage. Make sure voltage selector switch is in correct position.**

#### Non-Digital Thermostat for Single Speed Fan.

- (1) Disconnect power to the Chassis.
- (2) Refer to Figure 4. Connect the low-voltage wires from the terminals on the thermostat to the terminals on the Chassis terminal board. Use terminals W, Y1, R, and G only. **DO NOT** use terminals S, O, or Y2. See the wiring diagram on the control panel cover for a complete wiring schematic.

R	24 VAC
G	FAN
Y1	COOL
A	HEAT

- (3) Mount the thermostat to the wall.
- (4) Set the thermostat anticipator per the instructions supplied with the thermostat.

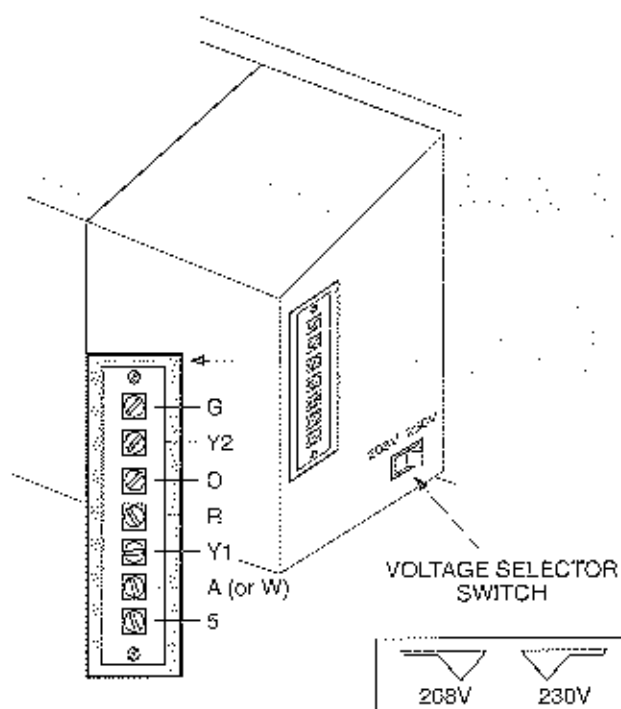
#### eStat and ZT Thermostats

- (1) Disconnect power to the Chassis.
- (2) Refer to Figure 4. Connect the low-voltage wires from the terminals or wiring harness on the thermostat to the terminals on the Chassis terminal board. Use terminals W, Y1, R, G, S and Y2 only. **DO NOT** use terminal O. See the wiring diagram on the control panel cover for a complete wiring schematic.

R	24 VAC
G	HIGH SPEED FAN
Y2	LOW SPEED FAN
	(If thermostat is capable)
A	HEAT
Y1	COOL
S	COMMON (24VAC)

- (3) Mount the thermostat to the wall.

**Figure 4:  
Terminal Board**



## INSTALLATION

*The installation of Packaged Terminal Air Conditioners/Heat Pumps and all associated components, parts, and accessories that make up the installation shall be in accordance with the regulations of ALL Authorities having jurisdiction and MUST conform to all applicable codes. It is the responsibility of the installing contractor to determine and to comply with ALL applicable codes.*

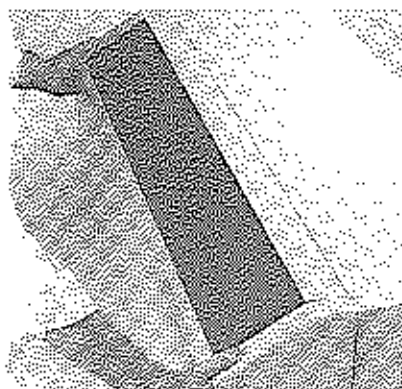
### ▲ CAUTION

Chassis is heavy. To avoid bodily damage, DO NOT lift the Chassis without assistance. Lift the Chassis using the struts which extend from the bulkhead to the base pan.

**Step 1: For Export Only - Remove the Chassis from the Sleeve.**

- Follow the procedure outlined in Step 3 below to remove the Room Cabinet from the Chassis as shown in Figure 5.

**Figure 5:**  
Removing Room Cabinet



- Remove the four (4) screws located on the sides of the bulkhead which secure the Chassis to the Wall Sleeve. Retain screws for the reinstallation of the Chassis.
- Slide the Chassis out of the Sleeve and set it down carefully.
- Refer to Wall Sleeve, Rear Louver, and Drain Kit Installation, Operation, and Maintenance Instructions. (Part numbers are noted in the Introduction Section on page 3.) Install the Wall Sleeve, Rear Louver, and Drain Kit (if used).

**Step 2: Prepare the Previously Installed Wall Sleeve.**

- Refer to Figure 6. Remove the Masonry Support and Weather Panel from the Wall Sleeve.
- Refer to the Rear Louver Installation, Operation, and Maintenance Instructions. Install Rear Louver.

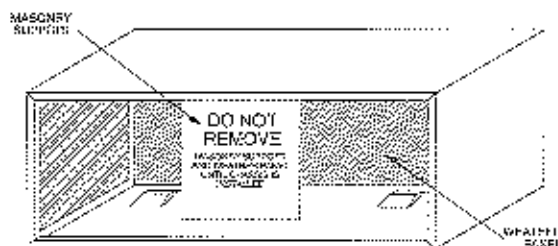
### ▲ CAUTION

Only use an ACP Rear Louver with the Series PTA/PTP/PTH Chassis. Use of any other Louver must be approved by the ACP Engineering Department.

Packaged Terminal Air Conditioners/Heat Pumps are made of metal parts, use metal fasteners, and contain fin/tube coils which have sharp edges in addition to rotating parts and electrical parts. To avoid bodily damage, the installer must exercise ALL due caution when handling these parts.

**THIS EQUIPMENT MUST ONLY BE INSTALLED BY AN EXPERIENCED INSTALLATION CONTRACTOR WHICH EMPLOYS PERSONNEL TRAINED IN THE INSTALLATION OF THIS TYPE OF EQUIPMENT.**

**Figure 6:**  
Weather Panel and Masonry Support



**Step 3: Install Chassis in Sleeve**

**REMOVE THE ROOM CABINET FROM THE CHASSIS**

- Grasp the cabinet firmly near the top of both sides and end panels as shown in Figure 5.
- Pull the Cabinet up, then forward.

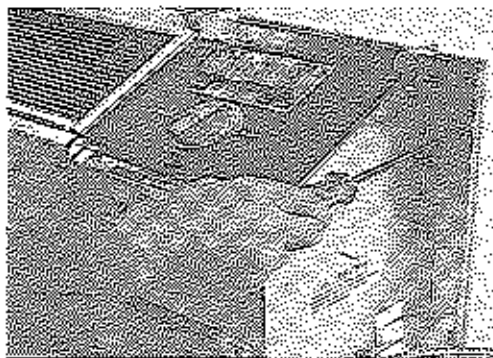
**SLIDE THE CHASSIS INTO THE WALL SLEEVE**

### ▲ CAUTION

Chassis is heavy. To avoid bodily damage, DO NOT lift the Chassis without assistance. Lift the Chassis using the struts which extend from the bulkhead to the base pan.

- a) Inspect all bulkhead gaskets on Chassis. (gaskets are located on the outdoor side at the top, bottom, and both sides of the Chassis bulkhead.) Replace any torn or missing gaskets.
- b) Lift the Chassis level with the Wall Sleeve.
- c) Slide the Chassis into the Wall Sleeve until the gaskets on the Chassis mounting flange rest firmly against the front of the Wall Sleeve.
- d) Refer to Figure 7. Screw the Chassis to the Wall Sleeve with four (4) screws. Two (2) screw holes are located on each of the sides of the bulkhead.

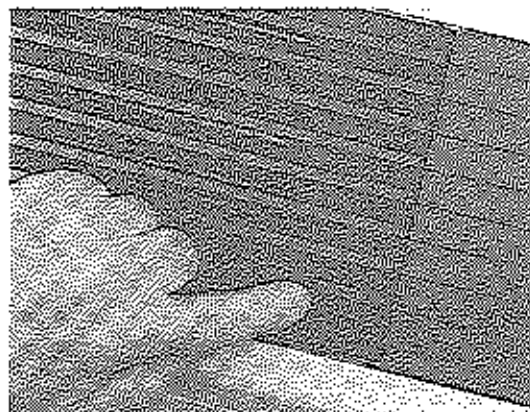
**Figure 7:**  
**Attaching Chassis to Wall Sleeve**



#### **Step 4: Adjust the Airflow Direction**

The discharge grille shipped from the factory provides a discharge angle of approximately 15 degrees from vertical. When more horizontal air discharge is desired, the discharge grille may be adjusted to direct air forward instead of upward. Remove the four (4) screws which secure the grille in place. Refer to Figure 8. Two (2) screws are located at each end of the grille. Remove the discharge grille. Turn the grille end-for-end and reinstall it. The discharge angle will increase by approximately 30 degrees from vertical.

**Figure 8:**  
**Locating Grille Screws**

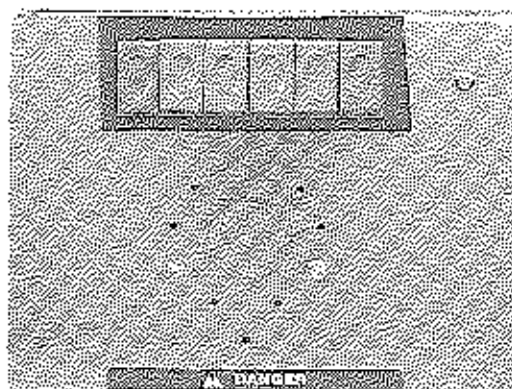


#### **Step 5: Adjust the Setpoint Limiter**

The Setpoint Limiter restricts the adjustment of the temperature range of the Chassis thermostat by the user. It does this by restricting rotation of the thermostat control knob. The temperature range is factory set in the temperature limiting position. Adjust the Setpoint Limiter as follows:

- a) Remove the deco plate and the control knob to expose the Setpoint Limiter (shown in Figure 9).
- b) Orient the shaft of the thermostat so that the Setpoint Limiter is located between the temperature limits desired.
- c) To limit the cooling range, relocate the screw on the right side CCW. To restrict the heating range, relocate the screw on the left side-CW. Each new location limits temperature by approximately five degrees. Set screws so that the screw head protrudes slightly above the plate. Do not drive screws fully into the holes.

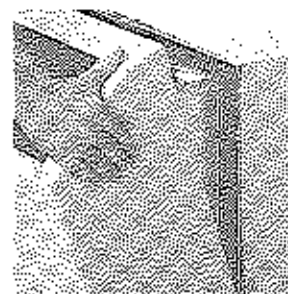
**Figure 9:**  
**Setpoint Limiter**



#### **Step 6: Install the Room Cabinet**

Grasp both sides of the Room Cabinet as shown in Figure 10 below. Lift and center the Cabinet above the Chassis. Lower the Cabinet, engaging the flange on the rear edge of the top panel on to the cabinet supports located along the top of the Chassis. Push down on the top panel to seat the Room Cabinet on the Chassis.

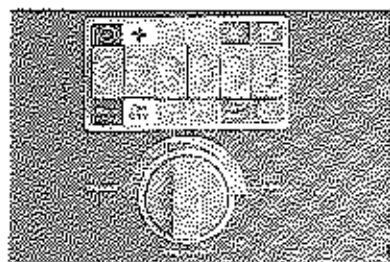
**Figure 10:**  
**Installing Room Cabinet**



## **OPERATING INSTRUCTIONS**

**Manual Change-over Controls:** Figure 11 illustrates the MCO Chassis Control Panel.

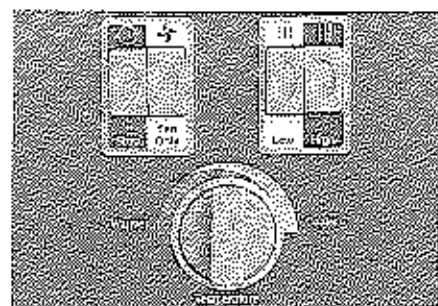
**Figure 11:**  
**Manual Change-Over Control Panel**



- Turn the thermostat knob to its warmest position if the room is too cool or its coolest position if the room is too warm.
- Push the HI HEAT button or the HI COOL button (depending on step "a") to start the Chassis.
- When the room has reached the desired comfort level, SLOWLY turn the thermostat knob toward the 12 o'clock position until a "click" is heard. Stop turning the knob. Push the LO HEAT or LO COOL button (depending on step "a"). The Chassis will automatically maintain this comfort level without further adjustment.
- To change the comfort level, rotate the thermostat only 1/16 inch (1.5 mm) to 1/8 inch (3 mm) toward its warmest or coolest position and stop. After 10-15 minutes, repeat this adjustment until the new comfort level is reached.

- Push the FAN button to circulate air without heating or cooling.
- Push the STOP button to stop this Chassis.

**Figure 12:**  
**Automatic Change-Over Control Panel and Cooling Only**



- Turn the thermostat knob to its warmest position if the room is too cool or its coolest position if the room is too warm.
- Push the HI button to start the Chassis.
- When the room has reached the desired comfort level, SLOWLY turn the thermostat knob toward the 12 o'clock position until a "click" is heard. Stop turning the knob. Push the LOW button.
- The Chassis will automatically maintain this comfort level with no further adjustment.



- e) To change the comfort level, rotate the thermostat by only 1/16 inch (1.5 mm) to 1/8 inch (3 mm) toward its warmest or coolest position and stop. After 10-15 minutes, repeat this adjustment until the new comfort level is reached.
- f) Push the FAN button to circulate air without cooling.
- g) Push the STOP button to stop the Chassis.

#### Wall Thermostat Controls:

**NOTE:** Wall Thermostats must be located on an interior wall away from direct sunlight and other heat sources. It must be mounted in such a place that it can produce a representative sample of the room temperature.

- a) Adjust the Wall Thermostat to the desired temperature.
- b) Move the system selector switch to HEAT or COOL (or AUTO position on Automatic Change-over Wall Thermostats) to start the Chassis. Place the fan selector switch in the AUTO position.
- c) When the room has reached the desired comfort level, place the fan selector in the ON position for continuous fan operation or leave it in the AUTO position for intermittent operation.
- d) The Chassis will automatically maintain this comfort level without further adjustments.
- e) To change the comfort level, adjust the thermostat a small amount toward its warmest or coolest setting and stop. After 10 to 15 minutes, repeat this adjustment until the new comfort level is reached.
- f) Place the fan selector switch in the ON position and the system selector switch in the OFF position to circulate air without heating or cooling.
- g) Move the system selector switch to the OFF position and the fan selector switch to the AUTO position to stop the Chassis.

**24-Volt Program Relay** (with unit-mounted Thermostat): The 24-Volt Program Relay enables the Chassis to be remotely turned ON or OFF via a switched voltage signal.

**For access to the following operating controls:** Refer to Step 3 on page 5 to remove Room Cabinet. The following controls are located on the right side of control panel as shown in Figure 13.

**Emergency Heat Switch** (heat pump Chassis): The Chassis switches from heat pump to electric heat. This switch will lockout the compressor and keep the Chassis in electric heat mode.

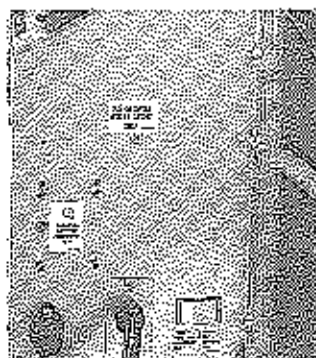
**Fan Cycle Switch:** Allows selection of constant indoor fan operation (in "constant" position) or operation only when the unit is heating or cooling ("cycling" position).

**Time Delay Fuse (265-volt Chassis):** Disconnect the power. Open the control panel (or the black fuse holder on the side of the control panel) and pull the fuse out of the holder to check the fuse.

### IMPORTANT

When the Chassis is first started, high humidity conditions can cause condensation to form on the grille. Keep doors and windows closed until room humidity decreases and moisture evaporates.

Figure 13:  
Right side of Control Panel



## CARE AND MAINTENANCE

### ⚠ WARNING

To avoid possibility of electrical shock and personal injury, disconnect all power to Chassis before cleaning, servicing, and maintenance or before removing Chassis from Sleeve.

Chassis is heavy. To avoid bodily damage, use assistance when lifting the Chassis. Lift the Chassis using the struts which extend from the bulkhead to the base pan.

### Disconnecting Power to the Chassis

**All Chassis:** Push STOP button.

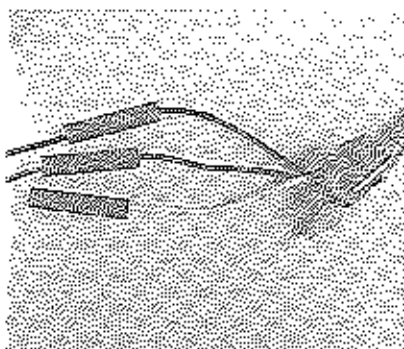
**Chassis Controlled by Wall Thermostats:** Place system selector switch in OFF position and fan switch in AUTO position. Disconnect the main power supply.

**Cord Connected Chassis:** Unplug cord.

**Permanently Connected Chassis:** Remove the two (2) screws fastening the mounting plate of the Permanent Connection Kit to the side of the control panel. Pull out the power connector assembly and disconnect as shown in Figure 14.

**Chassis with 24-volt Program Relay:** Turn off the low-voltage power supply and disconnect the main power supply.

Figure 14:  
Disconnecting Power



### Cleaning and Preventative Maintenance

*Inspect and clean the Chassis periodically as follows:*

**Filter:** The FILTER should be cleaned every month by vacuuming or washing.

**Major Components:** Clean MAJOR COMPONENTS thoroughly at least once a year, prior to the start of the heating season to maintain proper performance.

Major components include indoor and outdoor coils, indoor blower wheels and the blower scrolls, outer basepan, the indoor drainpan and drain passages, the Rear Louver, and the Wall Sleeve.

**Cleaning Aids Suggested:** Bucket, sponge, mild detergent, household vacuum with hose attachment (a wet/dry shop vacuum is preferred), vacuum cleaner crevice tool, gloves, small and large percolator brushes, three percent hydrogen peroxide solution, and spray bottle.

### ⚠ CAUTION

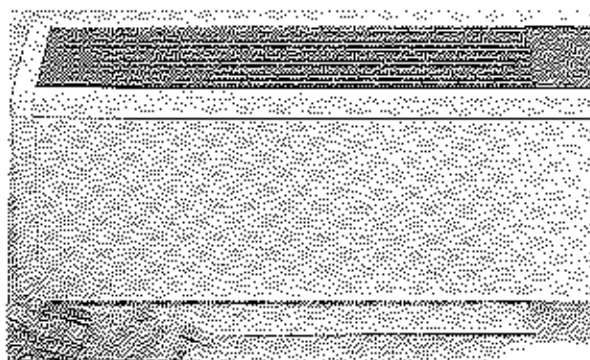
Some local conditions and environments can cause fungi to grow inside the air conditioner, especially on the indoor blower wheels and the inside housings. Dried fungi, dirt, and other foreign material are fire hazards. Clean the unit according to the following instructions.

### Cleaning the Filter

**Front Return Room Cabinets:** Grasp the front cover at each end near the top and pull up and forward and set aside to expose the filter. Remove the filter and clean. Re-install the filter and replace front cover.

**Bottom Return Room Cabinets:** Remove the filter from beneath the Cabinet by grasping the forward edge of the filter and pulling down and toward you. Clean the filter and re-install it by engaging each end of the filter into the filter guides on the Chassis and pushing away from you.

Figure 15:  
Filter Removal Bottom Return



**Chassis with Hydronic Subbase Heating:** Louvered front panel of Hydronic Subbase is identical to Front Return Air Grille. Drop the Louvered front panel on Subbase to expose the filter. Remove the filter by grasping it and pulling forward. (Refer to Figure 15 above for photo of filter removal.) Clean and re-install the filter by engaging the ends of the filter into the filter guides on the Subbase and pushing the filter into place. Close the Louvered front panel.

## Cleaning External Parts

Clean all external parts including the exposed Wall Sleeve, the Room Cabinet, the Discharge Grille, and the Control Door.

## Cleaning Internal Parts

*Clean internal parts as follows:*

Disassemble Chassis:

- (1) Disconnect all power to Chassis. See Page 9 for instructions on disconnecting power.
- (2) Remove the Chassis from the Sleeve by removing the four (4) screws.

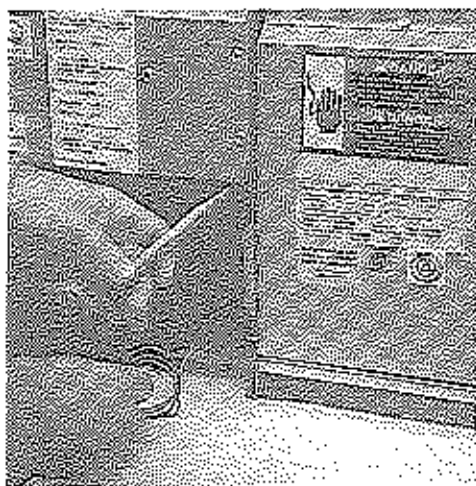
### CAUTION

Chassis is heavy. To avoid bodily damage, DO NOT lift Chassis without assistance. Lift the Chassis using the struts which extend from the bulkhead to the base pan.

- (3) Remove the air discharge grille by removing the four (4) screws (shown in Figure 8 on page 6).
- (4) Refer to FILTER Cleaning Instructions and PREVENTATIVE MAINTENANCE on page 9. Remove the filter.

Remove the thermostat sensing bulb as shown in Figure 16. Carefully cut the plastic loop which holds the bulb in place and pull the bulb out of the retaining clips. Carefully push the bulb out of the way.

Figure 16:  
Removing T-stat Sensing Bulb



## Cleaning Disassembled Chassis

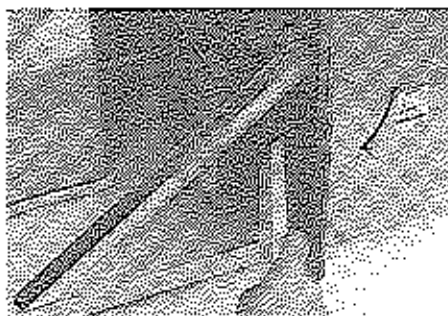
- (1) Clean the indoor coil and entering air side of the outdoor coil by washing or vacuuming.

### CAUTION

Coil fins are sharp and can cut hands. Wear heavy gloves when cleaning coils. When using cleaning tools be careful not to bend or damage coil fins.

- (2) Open the vent door. Clean the vent screen by brushing or vacuuming as shown in Figure 17.

Figure 17:  
Cleaning Vent Screen



- (3) Remove the condenser top outer cover of the chassis as shown in Figure 18. Clean the outer basepan, including the area inside the condenser orifice, by washing or vacuuming as shown in Figure 19.

Figure 18:  
Removing Top Cover

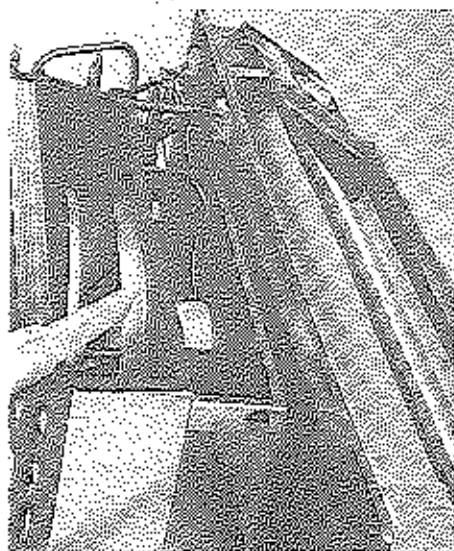


- (4) Remove the indoor Drain Pan and Fan/Motor Assembly as shown in Figure 20 by first removing the panel on the Bottom Return Chassis or the fan guard screen on the Front Return Chassis.

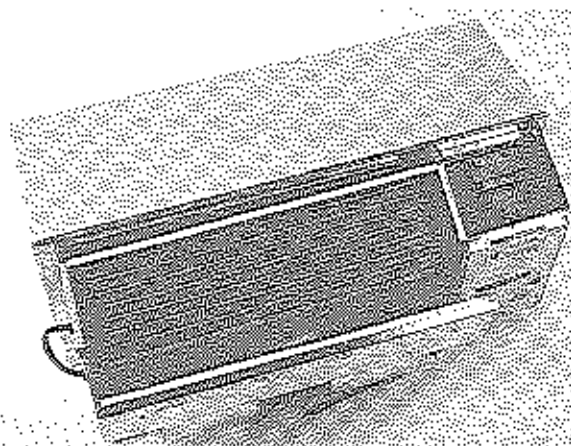
Disconnect motor connections. Remove four (4) screws and pull out the Fan and Motor Assembly and the indoor Drain Pan. Flush the Drain Pan under hot water to clean. Clean the indoor blower wheels and scrolls with a small percolator brush and vacuum cleaner crevice tool as shown in Figure 21. Insert the brush between every blade. Remove all dirt, especially in corners of blades. Vacuum inside the scroll with the crevice tool. Spray the blower wheels and scrolls with a solution of 3 percent hydrogen peroxide to kill all fungi spores which may remain in the blower scrolls. Wipe up any solution that drains out of the scrolls.

- (5) Clean the inside of the Wall Sleeve and the Rear Louver by washing or vacuuming. Pour water (approximately two quarts) into Sleeve to test the Wall Sleeve drain holes and accessory drain kit (if used) for proper drainage. Water should drain out freely.

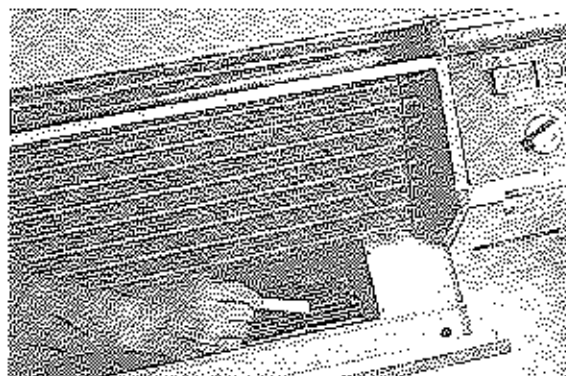
**Figure 19:**  
**Cleaning Base Pan**



**Figure 20:**  
**Removing Indoor Drain & Fan/Motor Assembly**



**Figure 21:**  
**Cleaning Fan/Motor & Drain Pan**

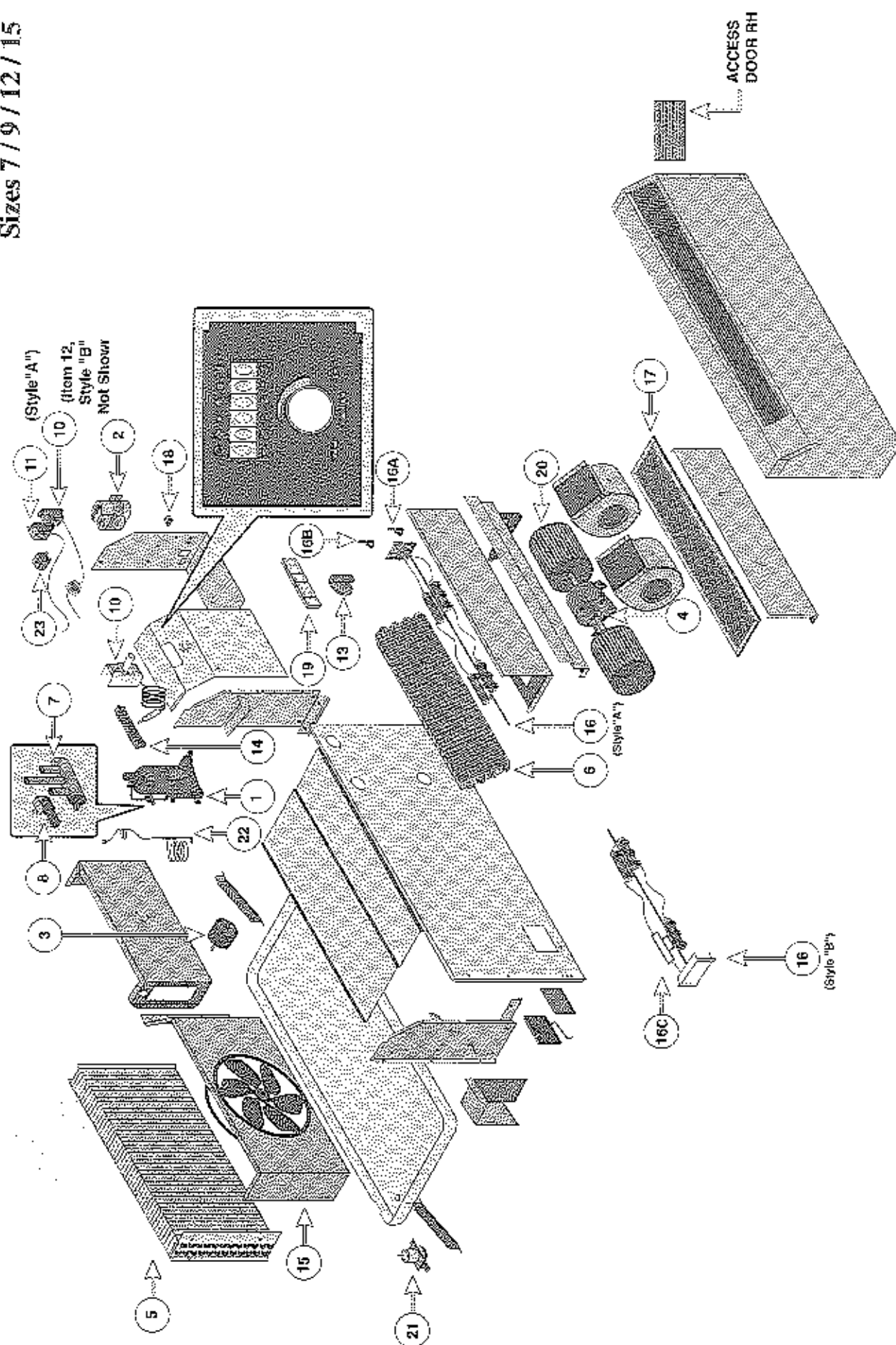


## Re-assembling Chassis

1. Re-assemble components by reversing disassembly procedures.
2. Secure the thermostat bulb in position using plastic Ty-wrap or equivalent.
3. Reinstall the Chassis into the sleeve.
4. Turn on all power to the Chassis.

# PT Series Parts Diagram

Sizes 7 / 9 / 12 / 15



# PARTS LIST

NO.	DESCRIPTION	1	2	3	4
1	COMPRESSOR				
	115/1/60	68376570 (A,B)			
		68832741	68375567	68376573	NA
	208/230/1/60	68376571 (A,B)			
		68832742	68376559	68376574	68376568
	265/1/60	68376572 (A,B)			
		68832743	68376560	68376575	68376569
	220/240/1/50	68376572 (A,B)			
		68832743	68376560	68375575	68376569
2	CAPACITOR				
	3 MFD 370V (FOR INDOOR MOTOR)	24280838	24280838	24280838	24280838
	4 MFD 370V (FOR INDOOR MOTOR)	24280800	24280800	24280800	24280800
	5 MFD 370V (FOR INDOOR MOTOR)	24280801	NA	NA	NA
	15/5 MFD 370V (FOR COMPRESSOR AND INDOOR MOTOR)	24280834	NA	NA	NA
	25/5 MFD 370V (FOR COMPRESSOR AND OUTDOOR MOTOR)	NA	24280826	24280826	24280826
	25/5 MFD 440V (FOR COMPRESSOR AND OUTDOOR MOTOR)	NA	NA	24280824	24280824
	35/5 MFD 370V (FOR COMPRESSOR AND OUTDOOR MOTOR)	24280829	NA	NA	NA
3	OUTDOOR FAN MOTOR				
	115/1/60	68173439	68173439	68173442	NA
	208/230/1/60	68173440	68173440	68173443	68173443
	265/1/60	68173441	68173441	68173444	68173444
4	INDOOR FAN MOTOR				
	115/1/60	68173445	68173445	68173436	NA
	208/230/1/60	68173434	68173434	68173437	68173437
	265/1/60	68173435	68173435	68173438	68173438
5	CONDENSER COIL	70620201	70620301	70620401	70620501
6	EVAPORATOR COIL				
	Standard	70620001	70620001	70620101	70620101
	Re-heat	71045301	71045301	71045401	71045401
7	REVERSING VALVE	24311303	24311303	24311300	24311300
8	R/V SOLENOID				
	24V	69170601	69170601	69170601	69170601
	115V	69170604	69170604	69170604	NA
	240V	69170602	69170602	69170602	69170602
	277V	69170603	69170603	69170603	69170603
9	INDOOR T-STAT				
	Single Stage	24291503	24291503	24291503	24291503
	Dual Stage	24291502	24291502	24291502	24291502
10	OUTDOOR T-STAT Style A	24319604	24319604	24319604	24319604
11	OUTDOOR FROST T-STAT Style A	24310205	24310205	24310205	24310205
12	OUTDOOR FROST T-STAT Style B	69613210	69613210	69613210	69613210
13	THERMOSTAT KNOB	68318401	68318401	68318401	68318401
14	PUSH BUTTON SWITCH				
	MCO 6 Button	69604404	69604404	69604404	69604404
	ACO 4 Button	69672400	69672400	69672400	69672400
15	SLINGER RING FAN	69561600	69561600	69561600	69561600

NOTE: Parentheses indicates 15th digit revision code. No parentheses indicates all revisions or most current.



## PARTS LIST (CONT.)

NO	DESCRIPTION	13	14	15	16
16	ELECTRIC HEATER ELEMENTS				
	2.1/2.5 KW 208/230V Style A	69561702 (A,B,C)	69561702 (A,B,C)	69561702 (A,B,C)	69561702 (A,B,C)
	Style B	69561716	69561716	69561716	69561716
	2.8/3.4 KW 208/230V Style A	69561701 (A,B,C)	69561701 (A,B,C)	69561701 (A,B,C)	69561701 (A,B,C)
	Style B	69561717	69561717	69561717	69561717
	3.9/4.8 KW 208/230V Style A	NA	NA	69561700 (A,B,C)	69561700 (A,B,C)
	Style B	NA	NA	69561718	69561718
	2.5 KW 265V Style A	69561705 (A,B,C)	69561705 (A,B,C)	69561705 (A,B,C)	69561705 (A,B,C)
	Style B	69561719	69561719	69561719	69561719
	3.4 KW 265V Style A	69561704 (A,B,C)	69561704 (A,B,C)	69561704 (A,B,C)	69561704 (A,B,C)
	Style B	69561720	69561720	69561720	69561720
	4.8 KW 265V Style A	NA	NA	69561703 (A,B,C)	69561703 (A,B,C)
	Style B	NA	NA	69561721	69561721
	4.6 KW 208V Style A	NA	NA	69561706 (A,B,C)	69561706 (A,B,C)
16A	ONE SHOT LIMIT SWITCH	24255108	24255108	24255108	24255108
16B	CYCLING LIMIT SWITCH	24255105	24255105	24255105	24255105
16C	DUAL LIMIT SWITCH Style B	24255111	24255111	24255111	24255111
17	FILTERS				
	Electrostatic	69887600	69887600	69887600	69887600
	Active Carbon	24189608	24189608	24189608	24189608
	Zeo Lite	24189609	24189609	24189609	24189609
	Aluminum Mesh (Hyd. Subbase)	24189606	24189606	24189606	24189606
18	FAN CYCLE SWITCH	68257300	68257300	68257300	68257300
19	PUSH BUTTONS				
	Square (Center)	69635000	69635000	69635000	69635000
	Rounded Edge (End)	69635001	69635001	69635001	69635001
20	BLOWER WHEEL	68624022	68624022	68624022	68624022
21	CONDENSATE VALVE	60179900	60179900	60179900	60179900
22	REFRIGERANT CHECK VALVE	24309700	24309700	24309700	24309700
23	ELECTRIC HEATER RELAY				
	208/230/1/60	68537930	68537930	68537930	68537930
	265/1/60	68537941	68537941	68537941	68537941
24	TRANSFORMER				
	40 VA 208/240V	68538028	68538028	68538028	68538028
	40 VA 270V	68538029	68538029	68538029	68538029
25	FUSE				
	15A	24004601	24004601	24004601	24004601
	20A	70016102	70016102	70016102	70016102
	30A	NA	NA	70016104	70016104

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Air Conditioners and Heat Pumps



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