No other unit in the industry offers so many extras already built in as standard on every unit. Don’t settle for anything less than the Amana® brand Standard Advantage!

**New Standard Features**

**NEW Bent Coil Design.** Our unique new bent condenser coil maximizes airflow through the 25%-increased primary and secondary coil surfaces, which further cools the refrigerant and maximizes the sealed system life. The bent coil design also allows us to maximize the fan slinger ring by adding side surface for the condensate to be evaporated, reducing condensate over-flow. Our bent coil technology raises the bar on America’s best PTAC to a new level of excellence. Why bend the coil? Quite simply, to get the maximum primary coil surface area possible into an industry standard-sized wall sleeve. More primary coil surface means more efficient heat transfer, lower system operating temperatures, longer compressor life, better condensate dispersion and sustainable high efficiencies.

**NEW Quieter Operation.** Our new PTAC has been redesigned to be the quietest PTAC we’ve ever built! The new 9-bladed condenser fan, additional copper refrigerant tubing, increased copper tubing spacing, relocation of the reversing valve on heat pumps, as well as other product enhancements, all equate to a more reliable and much quieter operating unit.

**NEW Forward-curved 9-Blade Fan.** The new 9-blade, forward-curved, polypropylene condenser fan has been designed to move more air more efficiently and with much less operating sound than fans with fewer blades. The result is a more efficient unit that will last longer and operate quietly.

**NEW Removable Top Condenser Shroud.** The removable top of the new bent coil condenser shroud allows easy access to clean the condenser coil and maintain the unit’s efficiency and capacity. The removable top reduces cleaning time and cost. A clean condenser coil extends compressor life.

**NEW Pullout Filter Design.** Our new 1-piece pullout filter design allows easy access to clean or replace the filter. Just open the front louver and pull out the filter. The universal filter design allows for fool-proof installation. The slide-out design also allows for many optional approved filter media to be used, such as our Activated Charcoal Filter Kit (CFK01B).

**NEW Electronic Temperature Limiting.** The new “B” series PTAC has an enhanced electronic temperature limiter that allows you to easily select any of the 4 pre-programmed room temperature ranges by simply flipping an easily accessible set of switches. Save energy and money by avoiding the extreme temperature settings that can occur with guest operation.

**NEW Deep Base Pan & Sub-cooler.** The extra-deep base pan holds additional condensate water and allows more of the coil surface to be immersed in condensate water, which further cools the refrigerant and maximizes heat transfer. The new sub-cooler design is also in the deepened base pan and adds additional heat transfer. The result is higher efficiency and a cooler sealed system, which equates to longer life.

**NEW Stonewood Room Front.** Our new Stonewood room front strikes the balance between attractive styling and practical design. Distinctive contours and a modern appearance enhance the character of even the most luxurious room, while the sleek 7⅜” depth—one of the shallowest in the industry—maximizes usable space for your guests.

**NEW WS900D Wall Sleeve.** The new Stonewood wall sleeve has been designed using a technique to dramatically strengthen and make the sleeve more rigid. The sleeve’s base pan has also been enhanced by now being made of drawn steel, so the sleeve has no corner seams that can break and potentially leak if improperly installed. (This item purchased separately.)
Standard Features

**Energy Efficiencies.** Our units' high efficiencies can qualify you for many of the rebates offered by electrical power companies. EERs up to 11.6 and heat pump COPs up to 3.3 keep energy consumption to a minimum.

**Quiet Operation.** The unit’s state-of-the-art design and construction provide a quiet environment, allowing guests to enjoy peaceful, sleep-filled nights. Operating sound levels are further dampened when the unit is in “low fan” mode of operation.

**Increased Dehumidification Capacity.** Maintain lower humidity levels in rooms while cooling them without the need for expensive add-ons. As a result, guests feel more comfortable at higher temperatures, thus reducing cooling costs, and increasing the life of your furniture, wall coverings, and fixtures is extended, which means less replacement costs.

**5-Year Warranty.** Enjoy one of the most comprehensive warranties in the industry. Full 1-year warranty on unit parts and labor; full 5-year warranty on the entire sealed system components; limited 2nd through 5th year parts-only warranty on functional components.

**Condensate Dispersion System.** Our condensate dispersion system removes condensate from indoor cooling operation by throwing water directly on to the outdoor “bent” coil for rapid evaporation and increased cooling efficiencies. The slinger ring on the new, enhanced 9-bladed fan draws water up and into fan blades. This water is then atomized and evaporated into the atmosphere through the condenser. Increased surface area from the unique “bent” coil design allow more water to get evaporated on the sides of the coils and helps to minimize condensate run-off.

**Front Desk Control.** Obtain greater savings by centrally controlling units and eliminate wasted energy generated by cooling and heating unoccupied rooms. Each unit has low voltage interface capability with a field supplied front desk ON/OFF switch.

**Freeze Protection.** When the unit senses temperatures of 40 °F or below, the unit activates the fan motor and either the electric resistance heater or the hydronic heater. This may help prevent bursting water pipes or broken fixtures caused by freezing temperatures.

**Easy To Use Controls.** No complex controls to confuse your guests and create phone calls for your manager. Controls are easy to read, understand and activate.

**7¾” Unit Front.** Enhance valuable room space—the unit front has a sleek 7¾” depth, one of the shallowest silhouettes in the industry today. In addition, to inhibit guest-tampering, the front can be secured to the chassis with a hidden screw.

**Versatile Style.** Our unit’s stylish design and neutral color make it compatible with virtually any room décor or architectural design. The unit becomes less noticeable as it blends into the room’s color scheme.

**Easy to Service and LED Diagnostics.** The main components are easily serviced and there is no guessing to determine the problem with our easy-to-read diagnostics. For example: 2 blinks indicate a blown or missing fuse while 1 blink every 5 seconds means the board is operating correctly. This diagnostic light is visible by removing the front cover.

**Extended Heat Pump Heating.** The heat pump models will operate in the heat pump heating mode down to as low as 24 °F outdoor ambient, providing additional hours of energy-saving operation.

**Zero Floor Clearance.** Unit can be installed flush to the finished floor, if desired. (Some accessories do not have zero clearance).
Remote Thermostat Control. Each unit is built to be operated from a remote-mounted thermostat, if desired. Even if you start without a remote, you can take advantage of a built-in low-voltage power source that accommodates a variety of manufacturer approved thermostat choices—manual, auto changeover or programmable—at a later date.

Remote Temperature Sensing. Guests enjoy ultimate comfort with consistent climate control. When the field-installed thermistor (RTS02) is used, the unit mounted thermostat is overridden to allow more accurate, internal wall-sensing of room ambient temperature.

30-Second Fan Off Delay. Fan continues to run 30 seconds after compressor has stopped in either cooling or heat pump mode and after electric heat has been turned off. This improves efficiency by dispersing the conditioned air on the coils into the room.

Compressor Lock-In. This feature helps prolong the life of the compressor by preventing short-cycling. When the compressor is switched from Off to On because room temperature has risen or fallen below the specified limit, it will remain on for at least 4 minutes. If the temperature set point is changed during this 4 minutes, the lock-in feature is overridden.

Automatic Emergency Heat. No more “my unit is not heating” complaints during the middle of the night. Heat pump units will automatically switch over to electric resistance heat if for any reason the heat pump compressor system fails or if the heating load is greater than the unit capacity.

Fan Mode Switch. Take advantage of each unit’s dual options: select continuous fan operation or cycle the fan ON and OFF with the thermostat.

Reduced Outdoor Sound Transmission. With our STC (Sound Transmission Coefficient) rating of 27, we keep outdoor sounds out-of-doors. By installing the optional STC 30 Rating Accessory Kit, ratings can be increased to STC 30, thereby meeting or exceeding most ratings requirements. (Kit ordered separately.)

Hidden Ventilation Control. The ventilation control lever is hidden from the occupant’s view to allow you to manage ventilation requirements.

Optional Accessory

Wall Sleeve (14½” x 42” x 16⅛”). No more worries about changing out non-standard sleeves that do not accommodate the bulk of what the industry has to offer. Our wall sleeve is an industry-standard size of 14½” deep x 42” wide x 161/16” high. (Please Note: Wall Sleeve must be ordered separately.)

NEW Pull-out Easy Access Filter

Maintaining the unit’s efficiency while saving time and money is easy. The filter is easily accessed for cleaning or replacement without removing the unit front.

Step 1: Open the intake grille louver.  
Step 2: Pull the filter up and out.
**Cooling/Electric Heat—PTC Models**

<table>
<thead>
<tr>
<th>Model (Basic) (Notes 1, 7, 9, 10)</th>
<th>PTC073B**AE</th>
<th>PTC074B**AE</th>
<th>PTC093B**AE</th>
<th>PTC094B**AE</th>
<th>PTC123B**AE</th>
<th>PTC124B**AE</th>
<th>PTC153B**AE</th>
<th>PTC154B**AE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage [Notes 1, 3]</td>
<td>230/208</td>
<td>265</td>
<td>230/208</td>
<td>265</td>
<td>230/208</td>
<td>265</td>
<td>230/208</td>
<td>265</td>
</tr>
<tr>
<td>Capacity [BTUH]</td>
<td>7,100/6,900</td>
<td>7,100</td>
<td>9,100/8,900</td>
<td>9,100</td>
<td>12,000/11,900</td>
<td>12,000</td>
<td>14,000/13,900</td>
<td>14,000</td>
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<tr>
<td>Watts</td>
<td>610/595</td>
<td>610</td>
<td>790/775</td>
<td>790</td>
<td>1,110/1,100</td>
<td>1,130</td>
<td>1,470/1,450</td>
<td>1,470</td>
</tr>
<tr>
<td>Min. Circuit Ampacity (Notes 2, 4)</td>
<td>11.6</td>
<td>11.6</td>
<td>11.5</td>
<td>11.5</td>
<td>10.8</td>
<td>10.8</td>
<td>9.5</td>
<td>9.5</td>
</tr>
</tbody>
</table>

**Unit without Electric Heater**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CFM (Dry Coil) High Low</td>
<td>245/240</td>
<td>220/205</td>
<td>230/230</td>
<td>230/235</td>
</tr>
<tr>
<td>Ventilated Air, CFM (Fan Only)*</td>
<td>65*</td>
<td>65*</td>
<td>65*</td>
<td>70*</td>
</tr>
<tr>
<td>Ventilated Air, CFM (Compressor &amp; Fan)</td>
<td>65*</td>
<td>65*</td>
<td>65*</td>
<td>70*</td>
</tr>
<tr>
<td>Dehumidification (Pints/Hr.)</td>
<td>1.6</td>
<td>1.6</td>
<td>2.6</td>
<td>2.6</td>
</tr>
<tr>
<td>Net Weight (approximate lbs.)</td>
<td>90</td>
<td>90</td>
<td>95</td>
<td>95</td>
</tr>
<tr>
<td>Shipping Weight (approximate lbs.)</td>
<td>105</td>
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<td>110</td>
<td>110</td>
</tr>
</tbody>
</table>

*Approximately 95 CFM with optional power vent kit. Actual vent CFM performance will vary due to application and installation conditions.

**Electric Heater Performance—PTC and PTH Models**

(Primary Heating for PTC Models; Auxiliary Heating for PTH Models)

<table>
<thead>
<tr>
<th>VOLTAGE</th>
<th>ELECTRIC HEATER SIZE (KW)</th>
<th>NO. OF STAGES</th>
<th>NOMINAL HEATING</th>
<th>TOTAL WATTS (NOTE 6)</th>
<th>MIN. CIRCUIT AMPACITY (NOTE 2)</th>
<th>OVERCURRENT PROTECTION (NOTE 4)</th>
<th>POWER CORD</th>
</tr>
</thead>
<tbody>
<tr>
<td>230/208V</td>
<td>2.5/2.0</td>
<td>1</td>
<td>8,500/6,800</td>
<td>2,650/2,140</td>
<td>11.5/10.2</td>
<td>14.2</td>
<td>15</td>
</tr>
<tr>
<td>230/208V</td>
<td>3.5/2.9</td>
<td></td>
<td>12,000/9,900</td>
<td>3,650/3,040</td>
<td>15.8/14.5</td>
<td>19.6</td>
<td>20</td>
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<tr>
<td>230/208V</td>
<td>5.0/4.1</td>
<td>1*</td>
<td>17,100/14,000</td>
<td>5,150/4,240</td>
<td>22.3/20.3</td>
<td>27.7</td>
<td>30</td>
</tr>
<tr>
<td>265</td>
<td>2.5</td>
<td>1</td>
<td>8,500</td>
<td>2,650</td>
<td>10.0</td>
<td>12.4</td>
<td>15</td>
</tr>
<tr>
<td>265</td>
<td>3.7</td>
<td>1</td>
<td>12,600</td>
<td>3,850</td>
<td>14.6</td>
<td>18.1</td>
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<td>17,100</td>
<td>5,150</td>
<td>19.5</td>
<td>24.2</td>
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</table>

*PTC/PTC09*B50*E has the same air flow as a PTC/PTH12*B***E. (Not available on 7,000 BTU models.)

**Hydronic Heat Models**

*Hydronic Models / Hot Water & Steam Heating*

These models are shipped without a chassis front or electric heat, and they have an additional relay and 40VA transformer for water or steam valve operation. Also available is Hydronic with Powered Vent and Hydronic with Powered Door. See Model Nomenclature for Special Feature Codes for these models. See page 7 for hydronic accessories.

**Hydronic with Manual Door**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Voltage Capacity</th>
<th>Cooling Capacity</th>
<th>EER</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTC093B00HE</td>
<td>230/208</td>
<td>9,100/8,900</td>
<td>11.6</td>
</tr>
<tr>
<td>PTC123B00HE</td>
<td>230/208</td>
<td>12,000/11,900</td>
<td>10.8</td>
</tr>
<tr>
<td>PTC153B00HE</td>
<td>230/208</td>
<td>14,200/14,000</td>
<td>9.5</td>
</tr>
<tr>
<td>PTC094B00HE</td>
<td>265</td>
<td>9,100</td>
<td>11.6</td>
</tr>
<tr>
<td>PTC124B00HE</td>
<td>265</td>
<td>12,200</td>
<td>10.8</td>
</tr>
<tr>
<td>PTC154B00HE</td>
<td>265</td>
<td>14,200</td>
<td>9.5</td>
</tr>
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</table>
## Cooling/Heat Pump and Electric Heat—PTH Models (Heat Pumps)

### Model Data Book

<table>
<thead>
<tr>
<th>Model (Basic)</th>
<th>PTH073B**AE</th>
<th>PTH074B**AE</th>
<th>PTH093B**AE</th>
<th>PTH094B**AE</th>
<th>PTH123B**AE</th>
<th>PTH124B**AE</th>
<th>PTH153B**AE</th>
<th>PTH154B**AE</th>
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</thead>
<tbody>
<tr>
<td>Voltage (Notes 1, 3)</td>
<td>230/208</td>
<td>265</td>
<td>230/208</td>
<td>265</td>
<td>230/208</td>
<td>265</td>
<td>230/208</td>
<td>265</td>
</tr>
<tr>
<td>Capacity (BTUH)</td>
<td>7,000/6,800</td>
<td>7,000</td>
<td>9,100/8,900</td>
<td>9,100</td>
<td>12,000/11,800</td>
<td>12,000</td>
<td>14,000/13,900</td>
<td>14,000</td>
</tr>
<tr>
<td>Amps</td>
<td>2.8/3.0</td>
<td>2.3</td>
<td>3.5/3.8</td>
<td>3.0</td>
<td>4.6/5.0</td>
<td>4.3</td>
<td>6.3/6.9</td>
<td>5.9</td>
</tr>
<tr>
<td>Watts</td>
<td>605/585</td>
<td>605</td>
<td>790/775</td>
<td>790</td>
<td>1,110/1,090</td>
<td>1,110</td>
<td>1,505/1,495</td>
<td>1,505</td>
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<tr>
<td>EER*</td>
<td>11.6</td>
<td>11.6</td>
<td>11.5</td>
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### Units without Electric Heater

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<tr>
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<th>3.6</th>
<th>5.1</th>
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<th>6.4</th>
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### CFM (Cool, Wet Coil)

<table>
<thead>
<tr>
<th>High</th>
<th>Low</th>
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<tbody>
<tr>
<td>245/240</td>
<td>220/205</td>
</tr>
<tr>
<td>245</td>
<td>220</td>
</tr>
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<td>245/240</td>
<td>220/205</td>
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<td>245</td>
<td>220</td>
</tr>
<tr>
<td>245/240</td>
<td>220/205</td>
</tr>
<tr>
<td>245</td>
<td>220</td>
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<td>325/315</td>
<td>250/229</td>
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<td>345</td>
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<tr>
<td>345</td>
<td>265/235</td>
</tr>
<tr>
<td>345</td>
<td>265/235</td>
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</table>

### CFM (Dry Coil)

<table>
<thead>
<tr>
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<th>Low</th>
</tr>
</thead>
<tbody>
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<td>230/215</td>
</tr>
<tr>
<td>265</td>
<td>230</td>
</tr>
<tr>
<td>265</td>
<td>230/215</td>
</tr>
<tr>
<td>265</td>
<td>230</td>
</tr>
<tr>
<td>265</td>
<td>230/215</td>
</tr>
<tr>
<td>265</td>
<td>230</td>
</tr>
<tr>
<td>345/335</td>
<td>265/235</td>
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<td>345</td>
<td>265/235</td>
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<tr>
<td>345</td>
<td>265/235</td>
</tr>
<tr>
<td>345</td>
<td>265/235</td>
</tr>
</tbody>
</table>

### Ventilated Air, CFM

<table>
<thead>
<tr>
<th>Ventilated Air, CFM (Fan Only)*</th>
<th>65*</th>
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</thead>
<tbody>
<tr>
<td>Ventilated Air, CFM (Compressor and Fan)*</td>
<td>65*</td>
</tr>
<tr>
<td>Dehumidification (Pints/Hr.)</td>
<td>1.6</td>
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</table>

### Net Weight (approximate lbs.)

<table>
<thead>
<tr>
<th>Net Weight</th>
<th>95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipping Weight (approximate lbs.)</td>
<td>110</td>
</tr>
</tbody>
</table>

### NOT ES:

1. All 265v models use our subbase (PTSB4**D) or an Amana® brand hard wire kit (PTPWHK4).
2. Minimum branch circuit ampacity ratings conform to the National Electric Code. However, local codes should apply.
3. Overcurrent protection for all units without electric heaters is 15 amps. Overcurrent protection on 265 volt models must be cartridge-style time delay fuses (included and factory-installed on Amana® brand all 265 volt chassis).
4. Refrigerant used in all systems is R-22.
5. All units meet or exceed ASHRAE 90.1 standards.
Accessories

Wall Sleeve 14⅜" [D] x 42" [W] x 16⅛" [H]
Our insulated, stonewood beige metal sleeves with industry-standard dimensions are shipped with a weather board for use during construction. The W500D is an industry-standard depth of 14⅜". The extra-deep sleeves can be custom ordered starting at 16" to 24" (D) in 1" increments. Sleeves may be shipped separately to allow for installation during construction.

Outdoor Grilles
Available in stamped-aluminum or architecturally louvered for application with a W900D wall sleeve.
AGK—Extruded aluminum architectural grille available with anodized aluminum finish and a baked-on paint finish for durability. Choose from 3 stock colors or a custom color. CB (Clear Anodized), DB (Dark Brown/Bronze), TB (Stonewood Beige), WB (White), SB (Special/Custom Colors)
PGK—One-piece injection molded grille using a polymer blend of engineered thermoplastic high-impact strength material with chemical resistance and an exterior UV protective coating. Choose from 3 stock colors. DB (Dark Brown/Bronze), TB (Stonewood Beige), WB (White)

Subbase Kit
The fully skirted subbase conceals wiring while providing strong support, if needed. Plug-in receptacle and field-wiring access speeds installation. Electrical accessories, such as fuse holders, circuit breakers and disconnect switches, meet N.E.C. requirements.

Hard Wire Kit (not shown)
Used to permanently wire to the chassis when a standard subbase and power cord are not utilized.

Fuse Holder Kit
Cartridge-style fuses can be installed in the fuse holder for use in the subbase or chassis. Available in 15, 20 and 30 amp (included on 265-volt unit).

External Transformer Kit (not shown)
40VA transformer to provide additional low-voltage power to accommodate a wide range of energy management systems or external relays. The EXTRK03A and EXTRK04A are the only approved transformer kits that can be used.

Circuit Breaker Kit (230/208V only)
The circuit breaker, available in 15, 20 or 30 amp, can be used with Amana® brand subbases. It gives overcurrent protection, and its location allows you to turn the unit on or off without tools.

Wire Harness Kit (not shown)
For quick connections of the remote thermostat or front desk with jumpers and connectors.

Remote Temperature Sensor
Allows inexpensive, low-voltage temperature sensing on the internal wall for more accurate temperature control.

STC 30 Rating Accessory Kit (not shown)
 Raises sound ratings from 27 to 30 to meet or exceed most sound test requirements.

Power Disconnect Switch (not shown)
The PSHW**A power disconnect switch can be used for 265-volt or 230/208-volt physical disconnect, where required by local codes. The switch is rated at 30-amp capacity. The switch is for use with Amana® brand standard subbases or PTPWHWK4 Hard Wire Kit.

Thermostats
The following thermostats offer remote control. Any thermostat other than those listed must be submitted to Goodman Company, L.P., for approval prior to use.

<table>
<thead>
<tr>
<th>Model</th>
<th>Heat Stages</th>
<th>Cool Stages</th>
<th>Display</th>
<th>Type</th>
<th>Shape &amp; Orientation</th>
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</thead>
<tbody>
<tr>
<td>C5000069</td>
<td>1&quot;</td>
<td>1</td>
<td>Mech</td>
<td>Manual</td>
<td>Round</td>
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<tr>
<td>12460056</td>
<td>1&quot;</td>
<td>1</td>
<td>Mech</td>
<td>Manual</td>
<td>Rect./Vert.</td>
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<tr>
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<td>Manual</td>
<td>Rect./Horiz.</td>
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<tr>
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<td>Manual</td>
<td>Rect./Horiz.</td>
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<tr>
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<td>1</td>
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<td>Program</td>
<td>Rect./Vert.</td>
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<td>1</td>
<td>Digital</td>
<td>Auto Change</td>
<td>Rect./Vert.</td>
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</tbody>
</table>

* PTC Models Only
** PTH and PTN Models
Condensate Drain Kit
Attaches to the wall sleeve base pan for controlled internal or external disposal of condensate.

Security Key Locks (not shown)
In conjunction with the tamper-resistant front, the installation of Amana® brand security key locks prevents tampering of the controls used to set temperature, heating and cooling functions. U.L. approved for institutional use only.

Remote Escutcheon Kit (not shown)
Optional kit for use with units controlled via a wall thermostat. Replaces knob controls for units operated by wall thermostat.

Condenser Baffle Kit
For use on non-baffled grilles. These deflectors direct the air in toward the center and away from the inlet to prevent recirculation of the hot condenser air.

Power Vent Kit (not shown)
Installation of Power Vent increases CFM up to approximately 95. Vent door will automatically close when unit fan is off.

Power Door Kit (not shown)
Vent door will automatically open when unit fan is on.

Hydronic Transformer Relay Kit (not shown)
Add-on kit that allows field conversion of a standard PTC unit to a hydronic unit.

Hydronic Heat Kit
Add-on kits fit all units allowing the addition of hydronic water or hydronic steam heat to cooling and heating units. The kits feature left- or right-hand piping. Unit retains complete service access with a kit installed.

Hydronic Valves (not shown)
Water and steam valves are available for use with the HWK03 (water) and HVK03 (steam) heat kits. [See Architects and Engineers Manual for specifications.]

Condensate Removal Pump (not shown)
Can be field installed. Assists in removing condensate developed by heat pump operation and transfers it to indoor coil to dissipate into room while adding humidity to the room.

Spare Filters (not shown)
Helps keep dirt and lint out of the air and off the coil, thus increasing the unit’s efficiency. Amana® brand filters are easy to remove, wash and replace.

NEW! Replacement Charcoal Filter Kit (not shown)
Absorbs airborne odors caused by cigarette, pipe or cigar smoke and odors caused by mold, mildew, etc. Filters are made of polyester fibers coated with activated charcoal and are individually wrapped. This filters are permanent and can be washed or cleaned. Call your Amana® brand PTAC sales person for details. 10 filters per pack.

Duct Extension Kit
Extends air distribution to an adjoining room. Consists of a main duct for the room of origin and an extension duct to reach the adjoining room and terminal duct.

Heater Kit—For Heater-less Units Only (not shown)
Optional 1.5kW heater kits are available for use only with models originally shipped without electric heat. Ask salesperson for details.

### Heater Kit Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal BTUs</th>
<th>230V</th>
<th>208V</th>
<th>265V</th>
</tr>
</thead>
<tbody>
<tr>
<td>HWK03</td>
<td>Hydronic Water Kit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HVK03</td>
<td>Hydronic Steam Kit</td>
<td></td>
<td></td>
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### Condensate Drain Kit Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DK900D</td>
<td>Condensate Drain Kit (use with WS900D)</td>
</tr>
<tr>
<td>DK901D</td>
<td>Condensate Drain Kit (use with WS900B &amp; extra deep wall sleeves)</td>
</tr>
<tr>
<td>KLO3B</td>
<td>Security Key Lock</td>
</tr>
<tr>
<td>REK10B</td>
<td>Remote Escutcheon Kit (10-pack)</td>
</tr>
<tr>
<td>DOK1B</td>
<td>Condenser Baffle Kit</td>
</tr>
<tr>
<td>PVK3A</td>
<td>230/208V</td>
</tr>
<tr>
<td>PVK4A</td>
<td>265V</td>
</tr>
<tr>
<td>PDK3A</td>
<td>230/208V</td>
</tr>
<tr>
<td>PDK4A</td>
<td>265V</td>
</tr>
<tr>
<td>HTK3A</td>
<td>230/208V</td>
</tr>
<tr>
<td>HTK4A</td>
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<tr>
<td>HWK03</td>
<td>Hydronic Water Kit</td>
</tr>
<tr>
<td>HVK03</td>
<td>Hydronic Steam Kit</td>
</tr>
<tr>
<td>VS2WNCA*</td>
<td>2-way/24V/NC/Steam</td>
</tr>
<tr>
<td>VS2WNOA*</td>
<td>2-way/24V/NO/Steam</td>
</tr>
<tr>
<td>VW2WNCA*</td>
<td>2-way/24V/NC/End Switch</td>
</tr>
<tr>
<td>VW2WNOA*</td>
<td>2-way/24V/NO/End Switch</td>
</tr>
<tr>
<td>VW3WNCB*</td>
<td>3-way/24V/NO/End Switch</td>
</tr>
</tbody>
</table>
* Poptop Actuator

### Condensate Drain Kit Diagrams

- **DK900D** Condensate Drain Kit
- **DK901D** Condensate Drain Kit (use with WS900B & extra deep wall sleeves)
- **KLO3B** Security Key Lock
- **REK10B** Remote Escutcheon Kit (10-pack)
- **DOK1B** Condenser Baffle Kit
- **PVK3A** 230/208V
- **PVK4A** 265V
- **PDK3A** 230/208V
- **PDK4A** 265V
- **HTK3A** 230/208V
- **HTK4A** 265V
- **HWK03** Hydronic Water Kit
- **HVK03** Hydronic Steam Kit
- **VS2WNCA*** 2-way/24V/NC/Steam
- **VS2WNOA*** 2-way/24V/NO/Steam
- **VW2WNCA*** 2-way/24V/NC/End Switch
- **VW2WNOA*** 2-way/24V/NO/End Switch
- **VW3WNCB*** 3-way/24V/NO/End Switch
  - * Poptop Actuator
- **CDP302** 230/208V
- **CDP402** 265V
- **FK10A** Filters (10-pack) - A Series
- **FK10B** Filters (10-pack) - B Series
- **CFK10A** Charcoal Filters (10-pack) - A Series
- **CFK10B** Charcoal Filters (10-pack) - B Series
- **MDK02B** Main Duct
- **EDK02B** Extension Duct
- **TDK02** Terminal Duct
- **DK900D** Condensate Drain Kit
- **DK901D** Condensate Drain Kit (use with WS900B & extra deep wall sleeves)
- **KLO3B** Security Key Lock
- **REK10B** Remote Escutcheon Kit (10-pack)
- **DOK1B** Condenser Baffle Kit
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- **MDK02B** Main Duct
- **EDK02B** Extension Duct
- **TDK02** Terminal Duct

### Condensate Drain Kit Features

- Each kit contains 80 wires and wire nuts, enough to attach a thermostat and one additional accessory to 10 PTAC units. Wires come in assorted colors for easy attachment.
- Amana® brand security key locks prevents tampering of the controls used to set temperature, heating and cooling functions.
- U.L. approved for institutional use only.
- Condensate drainage is directed to the floor by an internal condensate pump and drain.
- Condensate pump and drain kit attaches to any open wall sleeve base pan.
- Drain kit can be used with any of our models except the 10-3/16” high models.
- Drain kit includes a pump, drain hose, and mounting hardware.
- Condensate pump and drain kit is designed to be used with our hot water kits as well as our hydronic steam/kits.
- Condensate pump and drain kit is easy to install with our pre-assembled kit.
- Condensate pump and drain kit is an accessory that ensures the efficient operation of the unit.

### Condensate Drain Kit Installation

1. **Step 1:** Attach the drain kit to the wall sleeve base pan using the mounting hardware provided.
2. **Step 2:** Connect the drain hose to the condensate pump using the provided connections.
3. **Step 3:** Place the unit on a flat surface and adjust the leveling legs if necessary.
4. **Step 4:** Turn on the unit and check for proper operation.

### Condensate Drain Kit Maintenance

- Regularly check the condensate pump and drain hose for blockages.
- Ensure the drain hose is properly connected and not kinked or obstructed.
- Keep the area around the drain kit clear of debris to prevent blockages.

### Condensate Drain Kit Accessories

- **Condensate Drain Pump:** Aids in the efficient removal of condensate.
- **Condensate Drain Hose:** Connects the pump to the drain pan.
- **Condensate Drain Adapter:** Attaches to the wall sleeve base pan for condensate drainage.

### Condensate Drain Kit Specifications

- **Rated Watts:** 1,500 W
- **Full Load Amps (incl. fan):** 6.9 A
- **Min. Ampacity:** 6.1 A
- **Fuse Size:** 15 A

### Condensate Drain Kit Benefits

- Increases efficiency by preventing water buildup within the unit.
- Ensures proper drainage of condensate, preventing overflow and potential damage.
- Improves the aesthetic appearance of the PTAC unit.

### Condensate Drain Kit Use

- Recommended for PTAC units with condensate drainage features.
- Provides a solution for efficient condensate disposal in various installation scenarios.

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Furnish and install air cooled through the wall package terminal air conditioners (heat pumps). Units are rated in accordance with the ARI (Air Conditioning & Refrigeration Institute) Standards 310/380-93, CSA (Canadian Standards Association) EEV certification programs and listed by U. L. (Underwriters Laboratories).

Ratings
Each unit must meet the following specifications:
ARI rating of _________BTUH cooling (and _________ BTUH reverse cycle heating with a COP of ________ at 47° F O.D.)

Electric resistance heat of _________ BTUH. Total Amp draw must be of _________ and _________ Watts at _________ volts.

The unit must remove a minimum of _________ pints of moisture per hour when operated at rating conditions. The EER must be a minimum of _______ EER.

Unit Chassis
Each unit must be slide out design shipped with room cabinet front installed. Unit chassis must have the ability to be installed with 0 clearance from finished floor. An electrical power cord must be included with chassis and installed by the manufacturer to assure proper NEMA 6 or 7 configuration and UL-approved length. Unit must be tested for conformance to ASTME water infiltration specification ASTME 331-86, which ensures no water infiltration when tested at 8” rain per hour at 63 mph wind for 15 minutes.

Room Cabinet
The monochromatic front of the room cabinet must be able to be field-secured to chassis to inhibit tampering. Filter must be accessible without removing room front. Cabinet depth must not exceed 7⅜” to minimize unit’s impact on room space.

Coils
Unit’s coils must have rifled copper tubing expanded into rippled-edge louvered aluminum fins.

Heat Pumps
Each unit must include a changeover thermistor that senses an outside ambient switch-over temperature as low as 24°F, lock-open refrigerant reversing valve during heat pump operation, temperature-activated defrost drain and automatic emergency heat operation to override the heat pump’s change-over thermostat and bring on electric resistance heaters in the event of a sealed system failure. Unit must not operate compressor and electric heaters simultaneously.

Compressor
The compressor must be hermetically sealed, internally isolated, rotary-type and permanently mounted on rubber isolators. No removal or adjustment of compressor hold-down bolts is to be required during installation.

Unit Controls
The unit’s controls must be completely wired and accessible from the top. Controls must include high and low fan speeds for both cooling, heating, fan-only operation and an OFF position. Other unit controls must include a concealed ventilation control to allow the introduction of outside air into the room, a concealed fan mode switch to allow the owner to preset for either continuous fan or thermostatically cycled fan operation. Additionally, the following controls are to be included as standard on all units:
- Compressor restart delay
- Random restart circuit
- Front desk control capabilities
- Automatic room freeze protection
- Remote control capability
- Electronic temperature limiter
- Remote temperature sensing capability
- Load shedding capability

Evaporator/Condenser Fans
Direct drive with a permanent, split-capacitor, two-speed motor. Condensate must be directed onto the bent condenser coil to aid in evaporation and removal. Condenser fan must be a forward-curved, 9-bladed, propeller type with a slinger ring, and the evaporator fan must be blower type.

Air Discharge
Must be a sloped surface so that obstructions cannot be placed on the unit. Discharge conditioned air can be directed into the room at an angle of 15 or 40 degrees from the vertical position. The discharge grille must be of polycarbonate material to resist bending, cracking, rusting and corrosion.

Warranty
The warranty is for Full One Year on the entire unit; Full Second through Fifth Year on the entire sealed refrigerant system components; Limited Second through Fifth Year on functional parts only.
New installations typically require a minimum of WS900D wall sleeve and an outdoor grille.

Wall Sleeves (WS900D)
The wall sleeve must be industry-accepted dimensions: 14 ⅛" depth x 42" width x 16 1/16" height and constructed of G90 HDG galvanized steel with a baked corrosion-inhibiting urethane primer and baked-polyester topcoat enamel. Sleeve must be insulated and shipped with a weather resistant rear closure panel installed.

Outdoor Grilles
Outdoor grille must be architecturally extruded, louvered aluminum (AGK01*B), one-piece polymer-blend injection molded louver (PGK01*B) or standard stamped aluminum (SGK**B). All other grilles must be submitted to the PTAC manufacturer for feasibility, airflow characteristics and compliance with UL regulations, where necessary.

The optional accessories listed below perform specific functions required in some installations.

Remote Temperature Sensor (RTS02)
A field-installed thermistor will override the unit-mounted thermostat to allow more accurate, internal wall-sensing of room-ambient temperature. All other modes and functions remain at the PTAC unit.

Condensate Drain Kit (DK900D)
Attaches to the bottom of the wall sleeve for directional-controlled internal or external disposal of condensate, defrost or rain water.

Subbase Kit (PTSB***D)
Necessary for U.L. listing requirements for 265V units (Hard Wire Kit may be substituted for Subbase kit). Optional for 230/208V units. Must be pre-wired to facilitate field-electrical connections and include a NEMA 6 or 7 configuration electrical receptacle. It must have 2 leveling screws for sleeve support and accurate unit leveling during installation. Locations for field installation of physical disconnect switches, cartridge-style fuse holders and circuit breakers must be provided. Side-skirts must be provided with subbases. (PTSB000D Non-Electrical Subbase available.)

Power Vent & Damper
Must be provided to maximize ventilation air intake to up to approximately 95 CFM. Power vent must be off and damper door closed when unit fan is de-energized.

Fuse Holder (included in 265V chassis)
Must be installed either in the unit or the subbase and must match the electrical requirements of the chassis.

Security Key Locks (KL03B)
Must be installed to prevent tampering of the unit controls. Unit room cabinet must also be secured to the chassis with field supplied screws. U.L.-approved for institutional use only.

Disconnect Switch
Power disconnect switch must be installed in subbase for use as a physical disconnect, where required by local codes.

Duct Kits (MDK02B, EDK02B, TDK02)
Three kits must be supplied to provide ducted, conditioned air into a second room; a main duct kit, an extension duct kit and a terminal duct kit.

Hydronic Heat Kit
Is required for heating functions instead of electric resistance heaters. Unit must retain complete service access with the kit installed. Proper water or steam valves must be used.

Condensate Removal Pump (Heat Pumps only)
Must be installed to assist in removing the condensate developed by the heat pump operation and transfer it to the indoor coil to dissipate into the room, adding humidity to the room.

Circuit Breaker Kit
Must be installed in subbase to provide overcurrent protection for proper 230/208V amperage. Can also be used as a physical disconnect where local codes permit for 230/208 voltage.

Hard Wire Kit
Must be used to permanently wire chassis for hard wire purposes. (For 265V units, Hard Wire Kit may be substituted with Subbase Kit.)

Charcoal Filter Kit -- Optional (CFK10B)
Amana® brand Activated Charcoal filters absorb odors caused by cigarette, pipe or cigar smoke and airborne odors caused by mold, mildew, etc. These replacement filters are polyester fibers coated with activated charcoal. Each filter is individually wrapped to assure maximum absorption and durability when installed. (10 filters per kit.)

Thermostats
A manufacturer-approved manual, auto changeover or programmable thermostat must be installed to provide full remote operation of the chassis. A Remote Escutcheon Kit must be used to indicate remote operation.

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Unit with Accessory Wall Sleeve and Subbase Accessory

Top View

Location of external drain holes on bottom flange of Wall Sleeve

Control Door

3” Clearance to side walls

Right View

Air Discharge Grille is reversible to provide either 15° or 40° discharge angle

Front View

Air Flow

Air Flow

Air Flow

Hinged Control Door

Optional Subbase

1” and 3/4” concentric knockouts back & bottom of subbase (electrical only)

COPPER DRAIN TUBE

5’ CORD SET 230V/208V UNIT*
18” CORD SET 265V UNIT*
Framing for Accessory Wall Sleeve (WS900D)

FASTENING WALL SLEEVE
When installed in an opening, the Wall Sleeve must be horizontally level (side-to-side) and pitched ¼ bubble to the outside. (NOTE: To ensure unit's maximum efficiency, DO NOT over- or under-pitch.)

INSTALLATION NOTES
1. If Subbase (PTSB***D) is installed, allow minimum 3¼" height clearance and maximum 5" height clearance between wall sleeve and floor; allow minimum 2¼" protrusion from a finished wall. See Note 4 if using hydronic units.

2. Drain Kit (DK900D) shipped separately. Can be mounted either right side, left side or bottom of sleeve. If mounted to bottom of sleeve, allow 2" height clearance from floor to bottom of sleeve.

3. For U.L. approval, 265V units must use Amana® brand Subbase (PTSB***D) or Amana® brand Hard Wire Kit (PTPWHK4). Overcurrent protection on 265V units must be by cartridge-style time delay fuses, which are included and factory-installed on the Amana® brand 265V chassis.

4. If Hydronic Kit (HWK03 or HVK03) is installed, Wall Sleeve must extend exactly 3" into the room from the finished interior wall. If using the Amana® brand Subbase (PTSB***D), only the minimum 3¼" height clearance between wall sleeve and floor is permissible.

5. If Duct Kit (MDK02B) is installed, allow a minimum of 2¼" into the room from the finished interior wall.
Model Nomenclature

- **Model Type**
  - C = Cooler
  - H = Heat Pump

- **Nominal Cooling Capacity**
  - 07 = 7,000 BTUH
  - 09 = 9,000 BTUH
  - 12 = 12,000 BTUH
  - 15 = 15,000 BTUH

- **Voltage**
  - 2 = 115v 60 Hz
  - 3 = 230/208v 60 Hz 1 PH
  - 4 = 265v 60 Hz 1 PH
  - 5 = 240/220v 50 Hz 1 PH

- **Heater Sizes**
  - 00 = 0.0 KW
  - 15 = 1.5 KW
  - 25 = 2.5 KW
  - 35 = 3.5 KW (230V-208V) Models
  - 3.7 KW (265V) Models
  - 50 = 5.0 KW

- **Special Feature Code**
  - A. = Standard Model
  - B. = Power Vent
  - C. = Seacoast Model
  - D. = Condenser Disposal Pump
  - F. = Hydronic w/Power Vent & Door
  - G. = Hydronic w/Power Door
  - H. = Hydronic w/Manual Door
  - J. = Power Door
  - K. = Condenser Pump & Power Vent
  - L. = Condenser Pump & Power Door