

20300301 Installation Instructions

Drain Conversion Kit

Description

This kit removes the internal drain in Amana PHB/PHD/ PCC "C" series package heat pumps and coolers. This kit provides for the installation of an externally trapped drain. The kit increases the trap depth and improves coil drainage in high static installations.

This kit is recommended for package heat pump and package cooler installations with horizontal discharge and high duct statics (greater than 0.5" W.C.), and all down-shot installations.



WARNING

To avoid death, personal injury or property damage due to electrical shock, disconnect all electrical power supply before servicing this unit. There may be multiple disconnects.



WARNING

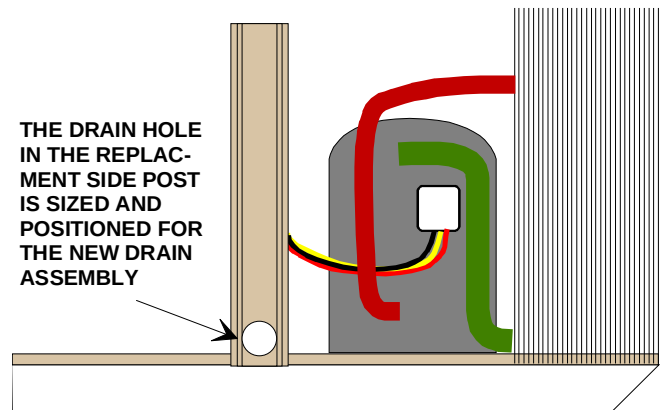
Disconnect all power before servicing unit.

Installations Procedures

1. Set thermostat to off.
2. Disconnect electrical power..
3. Remove the service access doors right and left of the existing drain hose.
4. Remove the existing side post. There are seven screws holding the side post in place. Exercise care in removing the side post as some of the "perm a gum" sealer may tend to stick to the side post.
5. Release the hose clamp securing the drain hose to the drain pan and remove the drain hose. Save the clamp for reuse later.

Contents of the Drain Kit:

Installation Instructions
PVC Drain trap
PVC street ell
PVC drain assembly
Side Post



6. Install the replacement drain assembly (20295401), secure to the drain pan with the hose clamp removed in step 5 above.



RECOGNIZE THIS SYMBOL AS A SAFETY PRECAUTION

ATTENTION SERVICE PERSONNEL

As a professional servicer you have an obligation to know the product better than the customer. This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with these instructions. Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is your responsibility to install the product safely and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting. Most dealers have a list of specific good safety practices...follow them.

The precautions listed in these instructions should not supersede existing practices but should be considered as supplemental information.

7. Install the new side post (110987**). The new drain assembly should fit flush with the outside of the new drain post with the female end of the drain assembly facing out.
 8. Reinstall the two service access doors removed in step three.
 9. Attach the ell and drain trap (in kit) to the drain outlet. Be sure to maintain the minimum 1-1/2" drop.
- DO NOT INSTALL ANY VENT(S) BETWEEN THE DRAIN TRAP AND THE DRAIN PAN INSIDE THE PACKAGE UNIT.**
10. Fill the drain trap with water.
 11. Restore power to unit. Set thermostat to demand for cooling.
 12. Verify system is functioning correctly.

