

Unit V-trap Condensate Drain Installation Instructions



Model	Operating Pressure (<u>inches Water Column</u>)
75CE2	Minus 0 - 2.0" W.C.
100CE2	Minus 0 - 2.0" W.C.
125CE2	Minus 0 - 2.0" W.C.
100XE8	Minus 2.0" - 8.0" W.C.
125XE8	Minus 2.0" - 8.0" W.C.

Measure the amount of negative pressure on the drain pan using a water gage such as a U-tube manometer, or a magnehelic gage. Before taking a measurement make sure the air conditioning filters are clean. Add 0.5 inch W.C. (Water Column) to your reading to allow for dirty filters. This measurement establishes a base line for the air conditioning system and can be used to determine when to replace the filters. Install the V-trap condensate drain that is rated within your measured reading.

New Air Conditioner Startup

The evaporator coils on new air conditioners have a light coating of oil used in the manufacturing process. The air conditioning manufacturer recommends detergent cleaning and thorough rinsing of the coil before startup. If not cleaned, the condensed water will bead and blow off the coil causing corrosion damage to the interior of the air conditioner. This oil may also damage the V-trap condensate drain valve, voiding the warranty.

Installing the Unit V-trap Condensate Drain

Install the V-trap the same way you install standard P-trap. Attach the adapter fitting to the air conditioner or air handler and glue the nipple to the adapter and V-trap. Adjust the V-trap in a vertical position and make sure the cap is firmly in place. Be careful not to get glue inside or on the valve assembly.

Periodic Maintenance

A regular maintenance schedule must be followed to insure proper operation of the equipment. The V-trap condensate drain trap can be cleaned with the same detergent used for air conditioner coil cleaning. Flush the coil and drain with clean water to remove detergent residue. Bleach and mold tablets can be used to reduce mold build-up if desired.

In-Line V-trap Condensate Drain Installation Instructions



Model	Operating Pressure (<u>inches Water Column</u>)
75R30	Minus 0 - 3.0" W.C.
100X100	Minus 0 - 8.0" W.C.
125X100	Minus 0 - 8.0" W.C.
Minimum Distance Below Drain Pan	
75R30	24 inches
100X100	72 inches
125X100	72 Inches

New Air Conditioner Startup

The evaporator coils on new air conditioners have a light coating of oil used in the manufacturing process. The air conditioning manufacturer recommends detergent cleaning and thorough rinsing of the coil before startup. If not cleaned, the condensed water will bead and blow off the coil causing corrosion damage to the interior of the air conditioner. This oil may also damage the V-trap condensate drain valve, voiding the warranty.

Installing the In-Line V-trap Drain

On existing systems remove the P-trap and replace with the proper size pipe and fittings. Install the V-trap anywhere in the vertical section of the condensate drain piping maintaining the recommended distance below the drain pan.

Periodic Maintenance

A regular maintenance schedule must be followed to insure proper operation of the equipment. The V-trap condensate drain trap can be cleaned with the same detergent used for air conditioner coil cleaning. Flush the coil and drain with clean water to remove detergent residue. Bleach and mold tablets can be used to reduce mold and bacteria build-up.