SAUERMANN CONDENSATE PUMP INSTALLATION INSTRUCTIONS FOR WHP/WCP 09-36

Part# 240-3351

PUMP SPECIFICATIONS
1.5 GPH, 4 FT. MAX. LIFT, 50 FT. MAX. HORIZONTAL RUN

SAFETY CONSIDERATIONS
Installing and servicing air-conditioning equipment can be hazardous. Only trained and qualified service personnel should install repair, or service air conditioning equipment.

WARNING: Before removing any access panel, disconnect power to both indoor and outdoor units. Failure to do so could result in serious injury or electric shock.

PARTS INCLUDED

KIT# 550-1009 (115V)
109-4224...Sauermann Pump Mounting Strap (1)
201-21,....3/8" #8 Screws (2)
207-06,.....Wire Ties (2)
240-2215...1/2" Single Wire Hose Clamp (1)
240-2200....1/2" I.D. x 3/4" O.D. Clear Hose, 8" length (1)
240-255....Small Popcorn Crimps (2)
240-3342...115V Sauermann Condensate Pump (1)
240-334...1/4" I.D. x 3/8" O.D. Clear Hose, 5' length (1)
323-003....Insulation Tape, 3" length (1)

KIT# 550-1010 (208/230V)
109-4224...Sauermann Pump Mounting Strap (1)
201-21,....Screws (2)
207-06,.....Wire Ties (2)
240-2215...1/2" Single Wire Hose Clamp (1)
240-2200....1/2" I.D. x 3/4" O.D. Clear Hose, 8" length (1)
240-255....Small Popcorn Crimps (2)
240-3343...208/230V Sauermann Condensate Pump (1)
240-3344...1/4" I.D. x 3/8" O.D. Clear Hose, 5' length (1)
323-003....Insulation Tape, 3" length (1)

NOTE: Please read the instructions included with the Sauermann Pump for reference but refer to these instructions for proper unit installation.

TOOLS REQUIRED
Drill Bit-1/4" (1)
Nut Drivers-1/4" (1), 5/16" (1)

INSTALLATION INSTRUCTIONS
1. Disconnect power to BOTH indoor and outdoor units.

NOTE: For EMI Systems, 24v power supply is located in the Condensing Unit.

2. Remove Front Cover. [FIG. 1]

3. Remove Front Cabinet Assembly to expose Control Panel and components. [FIGS. 2, 3]

4. Remove Control Panel. [FIG. 4]

5. Clean inside of Control Panel with a 409-type Cleaner and apply Self-Adhesive Mounting Rail (included with Sauermann Pump). [FIG. 5]

6. Place Sump/Detection Unit in place on the Control Panel as shown. The unit will snap into place. [FIG. 6]

7. Remove the 1/2" Black Drain Hose from the Drain Pan.

8. Using the Single Wire Clamp, mount one end of the 8" x 1/2" I.D. x 7/16" O.D. Drain Hose to the Drain Pan and the other end to the Sump/Detection Unit. [FIG. 7]

9. Cut 6-3/8" section of 1/4" I.D. x 3/8" O.D. Hose and use it to connect the Sump/Detection Unit to the Pump Unit. [FIGS. 8,11,12]

10. Use the template on Page 7 to mark hole locations for mounting the Pump Unit to the Panel. [FIG. 9]

11. Before installing the Pump Unit, adhere the 3" length of Armaflex to the Panel as shown. [FIG. 10]

12. Mount the Pump on top of the Armaflex as shown. [FIGS. 11,13]

NOTE: Pump discharge must point to the top of the unit.

13. Connect additional 1/4" x 3/8" O.D. Hose to discharge of Pump Unit. [FIG. 11]

14. Fasten the Pump Mounting Strap to the unit by using the 2 #8 screws from the outside face of the Panel. [FIG. 12]

NOTE: Be sure the hose is not kinked and all connections are watertight.

15. Route Condensate Hose along the Distributor and secure with wire ties. [FIG. 13]

NOTE: Keep Hose away from all Electrical Components!!

16. Wire the Pump according to the provided Wiring Diagram.

NOTE: For units equipped with Unit-Mounted Digital Controls, use Wire Diagram# 614-1794. For units with optional Remote Wall Thermostat Controls, use Wire Diagram 614-1795.

17. Wire Tie all loose ends.

18. Test the unit to ensure proper operation.
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NOTE: Your model MAY or MAY NOT have a transformer.

Fig. 1- View Of Unit With Front Cover Removed.

Fig. 2- View Of Unit With Cabinet Assembly Removed.

Fig. 3- View Of Unit With Control Panel And Components Exposed.
Fig. 4- Remove Control Panel.

Fig. 5- Self-Adhesive Mounting Rail Applied.

Fig. 6- Sump/Detection Unit Installed On Control Panel.
Fig. 7 - 8" x 1/2" I.D. x 3/4" O.D. Drain Hose Mounted To Drain Pan And Sump/Detection Unit With Single Wire Clamp.

Fig. 8 - 1/4" I.D. x 3/8" O.D. Hose Added To Connect Sump/Detection Unit To Pump Unit.
Fig. 9- Proper Use Of Template#1 For Mounting Pump Unit To Panel.

Fig. 10- 3" Length Of Armaflex Adhered To Panel Prior To Pump Unit Installation.

Fig. 11- View Of Pump Mounted On Unit.

¾" I.D. x 3/8" O.D. Drain Hose

Connect ¼" I.D. x 3/8" O.D. Hose from Sump/Detection Unit to Pump
Fig. 12 - Fasten Pump Mounting Strap To Unit With Screws From Panel.

1/2" I.D. x 3/8" O.D. Hose from Sump/Detection Unit to Pump

Fig. 13 - Route Drain Hose Along Distributor Through Back Of Unit & Keep Away From All Electrical Components.

Wire Tie
SAUERMANN PUMP INSTALLATION INSTRUCTIONS
(TEMPLATE#1)

This template is to be placed on the outside of the control panel side (left), the necessary holes required should be marked and drilled to the appropriate hole size. (see photos)

(2) 7/32" holes used to mount holding strap for condensate pump