



# EZ-TRAP<sup>®</sup>

U.S. PATENT NUMBERS 5,069,042 5,522,229

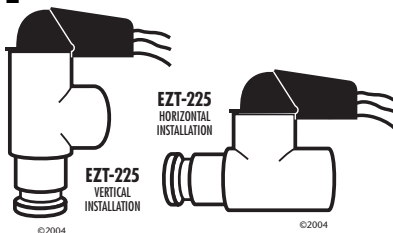
**THE TRAP  
EXPERTS**

## Model EZT-225

### INLINE CONDENSATE OVERFLOW SWITCH

#### CONTENTS

- |                           |                       |
|---------------------------|-----------------------|
| 1 - Float Switch Assembly | 1 - 3/4" Plug         |
| 1 - Terminal Cover        | 1 - 3/4" Male Adaptor |
| 1 - 1"×3/4"×1" Tee        | 1 - Red/Blue Label    |
| 1 - 48" Cable             | 1 - 1"×3/4" Bushing   |



#### EZ-TRAP WARRANTY

The manufacturer disclaims all implied and express warranties, including the implied warranty of merchantability and the implied warranty of fitness for a particular purpose, except as follows:

The EZ-Trap condensate trap or overflow switch purchased by you is unconditionally warranted to be free from defects in material and workmanship under normal use for a period of five (5) years from date of purchase, providing it is installed and operated strictly in accordance with manufacturer's installation instructions.

If the product is found to be defective or otherwise fails in normal use, you may return it for replacement. All freight charges for the return of the product shall be borne by you. The manufacturer will pay outgoing freight charges for the replacement product.

Defective products returned to EZ-Trap prepaid will be repaired or replaced free of charge. Replacement product will, to the extent such product is then available in manufacturer's inventory, be of similar type, color and kind. Manufacturer retains the right to substitute product if replacement product does not conform in terms of color, type and specifications to the original product, if no longer available.

This warranty does not cover replacement labor or any cost, claim or incident to any defect nor does it cover any consequential damages. The sole liability of the manufacturer under this warranty is limited to the replacement of defective product. Product damaged by improper use, accident, neglect, alteration, abuse or improper installation is excluded from this warranty.

#### **EZ-TRAP INC.**

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225 INSTALL 7/04

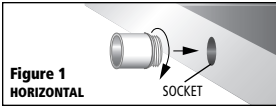


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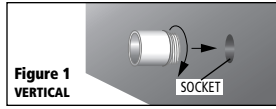
# Model EZT-225



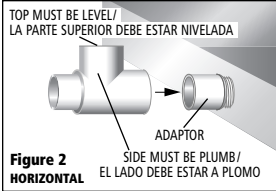
## INSTALLATION INSTRUCTIONS / INSTRUCCIONES DE INSTALACIÓN



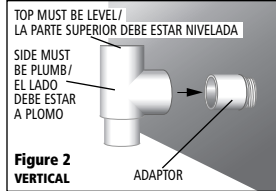
**Figure 1**  
HORIZONTAL



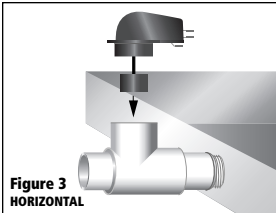
**Figure 1**  
VERTICAL



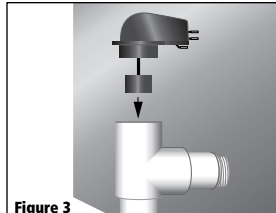
**Figure 2**  
HORIZONTAL



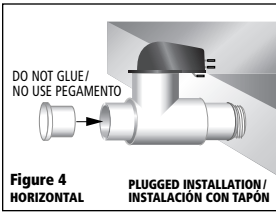
**Figure 2**  
VERTICAL



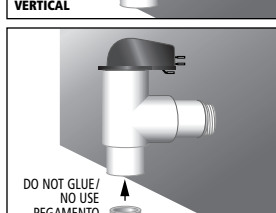
**Figure 3**  
HORIZONTAL



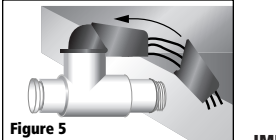
**Figure 3**  
VERTICAL



**Figure 4**  
HORIZONTAL



**Figure 4**  
VERTICAL



**Figure 5**

### IMPORTANT NOTES

- IT IS ESSENTIAL THAT OUTLET SIDE OF TEE IS CLOSED OFF & WATERTIGHT WITH PVC GLUE, INCLUDED.
- THIS DEVICE MUST BE INSTALLED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS TO ENSURE PROPER OPERATION AND IN ACCORDANCE WITH ALL APPLICABLE LOCAL PLUMBING, DRAINAGE, AND/OR ELECTRICAL CODES.
- NOTE THAT DUE TO ITS PROXIMITY TO WATER, THIS SYSTEM IS SUITABLE FOR USE WITH 24 VOLT AC CURRENT ONLY. **DO NOT USE 110 VOLT AC IN THIS SYSTEM!!!**
- WARNING:** THE MICROSWITCH USED IN THIS MODEL HAS BEEN SPECIALLY MODIFIED TO MAKE IT MORE SENSITIVE TO THE RISE IN THE WATER LEVEL. IF IT NEEDS TO BE REPLACED, USE ONLY A GENUINE SPARE PART FROM THE MANUFACTURER. **DO NOT REPLACE WITH ANY OTHER MICROSWITCH. IT WILL NOT OPERATE CORRECTLY AND WILL INVALIDATE THE WARRANTY.**

### NOTAS IMPORTANTES

- ES INDISPENSABLE QUE EL LADO DE SALIDA DE LA T ESTÉ CERRADO Y HERMÉTICO CON LA TAPA DE PVC, INCLUIDO.
- ESTE DISPOSITIVO DEBE INSTALARSE ESTRICTAMENTE DE ACUERDO CON LAS INSTRUCCIONES DEL FABRICANTE PARA ASEGURAR SU FUNCIONAMIENTO CORRECTO Y SEGÚN TODOS LOS CÓDIGOS LOCALES APPLICABLES DE PLOMERÍA, DRENAJE O ELECTRICIDAD.
- OBSERVE QUE DEBIDO A SU PROXIMIDAD CON EL AGUA, ESTE SISTEMA ES APTO PARA USO CON CORRIENTE ALTERNA DE 24 VOLTIOS SOLAMENTE. **¡¡¡NO USE CORRIENTE ALTERNA DE 110 VOLTIOS EN ESTE SISTEMA!!!**
- ADVERTENCIA:** EL MICROINTERRUPTOR EMPLEADO EN ESTE MODELO HA SIDO MODIFICADO ESPECIALMENTE PARA HACERLO MÁS SENSIBLE A LA SUBIDA DEL NIVEL DEL AGUA. SI NECESITA CAMBIARSE, USE SOLAMENTE UN REPUESTO GENUINO DEL FABRICANTE. **NO LO CAMBIE POR NINGÚN OTRO MICROINTERRUPTOR. NO FUNCIONARÁ CORRECTAMENTE Y DEJARÁ NULA LA GARANTÍA.**

- Screw adaptor into overflow outlet on drain pan (**Figure 1**).
- Glue Tee directly onto adaptor. Tee **MUST BE PLUMB (Figure 2)**.
- Press fit Float Switch into 1" opening at top of Tee. **DO NOT USE GLUE (Figure 3)**.
- For plugged installation press fit drain plug into open end of Tee. **DO NOT USE GLUE (Figure 4)**. For inline installation glue drain line into Tee outlet instead of using plug.
- Turn off power at main panel before opening unit and working on electrical system.
- Install inline fuse to protect 24V circuit if unit is not already fused.
- Connect wiring to Float Switch following wiring diagram.
- Slip Terminal Cover over wires and snap onto Switch housing (**Figure 5**). Complete wiring connections following wiring diagram.
- Check that actuator arm is connected to float and that float moves freely inside Tee.
- If using drain plug, check for watertightness to ensure correct operation.
- Test system for proper operation by lifting float.
- Attach Red and Blue warning labels to condenser and air handler as indicated.

- Toma el adaptador en la abertura de sobreflujo del recipiente de drenaje (**Figura 1**).
- Pegue la T directamente en el adaptador. La T **DEBE ESTAR A PLOMO (Figura 2)**.
- Para la instalación tapada presione para ajustar la tapa del drenaje dentro del extremo abierto de la T. **NO USE PEGAMENTO (Figura 3)**.
- Para la instalación tapada presione para ajustar la tapa del drenaje dentro del extremo abierto de la T. **NO USE PEGAMENTO (Figura 4)**. Para la instalación en línea pegue la línea de drenaje en la salida de la T en vez de usa el tapón.
- Apague la alimentación en el panel principal antes de abrir la unidad y trabajar en el sistema eléctrico.
- Instale el fusible en línea para proteger el circuito de 24V si la unidad no tiene fusibles ya.
- Conecte el cableado según el diagrama correspondiente.
- Deslice la cubierta terminal sobre la malla y ajústela sobre el alojamiento de interrupción (**Figura 5**) y conecte el cableado según el diagrama correspondiente.
- Revise que el brazo activador esté conectado al flotador y que el flotador se mueva libremente dentro de la T.
- Si usa el tapón, revise si está hermética el tapón que funcione correctamente.
- Pruebe si el sistema funciona correctamente levantando el flotador.
- Instale las etiquetas de advertencia roja y azul en el condensador y el manipulador de aire como se indica.

