

# EZ❖TRAP

## RECOMMENDED SPECIFICATION FOR CONSULTING ENGINEERS

January 22 2005. S12A

### 1. TO SPECIFY PLAIN CLEANABLE CONDENSATE TRAPS WITHOUT OVERFLOW CUT OFF SWITCH:

All Central Air Conditioning units shall be fitted with correctly sized condensate traps as indicated by the unit manufacturer and as required by applicable codes. Non Cleanable purpose made traps which are made on site or in the shop from PVC fittings as well as non-cleanable opaque PVC commercial traps are not acceptable.

Air Conditioning units with a condensate drain outlet of ¾” or 1” shall be fitted with standard factory made condensate trap assemblies which incorporate transparent traps as well as integral capped cleaning ports and are supplied with a cleaning brush. Units with larger drain outlets may require non-standard factory made traps of the same type.

Traps shall be **Model EZT-1** . . (specify actual model selected from the 100 series) as manufactured by EZ TRAP INC. or equal, and shall be installed strictly in accordance with trap and unit manufacturer’s instructions to conform with all local codes.

### 2. TO SPECIFY CLEANABLE CONDENSATE TRAPS WITH INTEGRAL OVERFLOW CUT OFF SWITCH:

All Central Air Conditioning units shall be fitted with correctly sized condensate traps as indicated by the unit manufacturer and as required by applicable codes. Non Cleanable purpose made traps which are made on site or in the shop from PVC fittings as well as non-cleanable opaque PVC commercial traps are not acceptable.

Air Conditioning units with a condensate drain outlet of ¾” or 1” shall be fitted with standard factory made condensate trap assemblies which incorporate electric overflow cut off switches in addition to transparent traps and integral capped cleaning ports , and are supplied with a cleaning brush. Units with larger drain outlets may require non-standard factory made traps of the same type.

Traps shall be **Model EZT-2** (specify actual model selected from the 200 series) as manufactured by EZ TRAP INC. or equal, shall be U.L. listed and installed and tested strictly in accordance with trap and unit manufacturer’s instructions to conform with all local codes.

Floatawitches shall have a switching capacity of not less than 4 amps and shall incorporate normally open and normally closed contacts to enable them to simultaneously switch off the AC unit and activate an audible or visual alarm. They shall be supplied with 3 core color coded wire which shall not be less than 18 gauge.

### **3. TO SPECIFY PLAIN ULTRATRAP WATERLESS CONDENSATE TRAPS WITHOUT OVERFLOW CUT OFF SWITCH:**

All Central Air Conditioning units shall be fitted with correctly sized condensate traps as indicated by the unit manufacturer and as required by applicable codes. Conventional P, J or running traps, whether purpose made on site or factory made from opaque or transparent PVC are not acceptable.

Air Conditioning units with a condensate drain outlet of  $\frac{3}{4}$ " or 1" shall be fitted with standard factory made condensate trap assemblies which do not require the presence of water in the trap to prevent the ingress or egress of air. They shall incorporate transparent barrels for inspection, stainless steel springs, integral capped cleaning ports, shall be supplied with a cleaning brush and shall permit disassembly for cleaning.

Traps shall be **ULTRATRAP Model EZT-150 MK3** for positive and negative pressure systems up to 0.5" WG. as manufactured by EZ TRAP INC. or equal, and shall be installed strictly in accordance with trap and unit manufacturer's instructions to conform with all local codes.

### **4. TO SPECIFY ULTRATRAP WATERLESS CONDENSATE TRAPS WITH INTEGRAL OVERFLOW CUT OFF SWITCH:**

All Central Air Conditioning units shall be fitted with correctly sized condensate traps as indicated by the unit manufacturer and as required by applicable codes. Conventional P, J or running traps, whether purpose made on site or factory made from opaque or transparent PVC are not acceptable.

Air Conditioning units with a condensate drain outlet of  $\frac{3}{4}$ " or 1" shall be fitted with standard factory made condensate trap assemblies which do not require the presence of water in the trap to prevent the ingress or egress of air. They shall incorporate electric overflow cut off switches, transparent barrels for inspection, stainless steel springs, integral capped cleaning ports, shall be supplied with a cleaning brush, and shall permit disassembly for cleaning.

Traps shall be **ULTRATRAP Model EZT- 250 MK3** for positive and negative pressure systems up to 0.5" WG. as manufactured by EZ TR AP INC. or equal, shall be U.L. listed and installed and tested strictly in accordance with trap and unit manufacturer's instructions to conform with all local codes.

Floatawitches shall have a switching capacity of not less than 4 amps and shall incorporate normally open and normally closed contacts to enable them to simultaneously switch off the AC unit and actuate an audible or visual alarm. They shall be fitted with stainless steel actuators and supplied with 3 core color coded wire which shall not be less than 18 gauge.

## **5. TO SPECIFY CONDENSATE OVERFLOW CUT OFF SWITCHES:**

Where condensate overflow switches are required by national or local codes, or dictated by good installation practice on secondary drain pans or on the overflow outlet of primary drain pans, overflow switches shall be **Model EZT-22.** . (specify model EZT-222, 224, 225, 226 or 228 as selected) as manufactured by EZ TRAP INC. or equal, shall be U.L. listed and installed and tested strictly in accordance with overflow switch and unit manufacturer's instructions to conform with all local codes.

Floatawitches shall have a switching capacity of not less than 4 amps and shall incorporate normally open and normally closed contacts to enable them to simultaneously switch off the AC unit and actuate an audible or visual alarm. They shall be fitted with stainless steel actuators and supplied with 3 core color coded wire which shall be not be less than 18 gauge.

## **6. TO SPECIFY COMBINATION PACKS OF PLAIN CLEANABLE CONDENSATE TRAPS WITH SEPARATE OVERFLOW CUT OFF SWITCH:**

All Central Air Conditioning units shall be fitted with correctly sized condensate traps as indicated by the unit manufacturer and as required by applicable codes. Non Cleanable purpose made traps which are made on site or in the shop from PVC fittings as well as non-cleanable opaque PVC commercial traps are not acceptable.

Air Conditioning units with a condensate drain outlet of  $\frac{3}{4}$ " or 1" shall be fitted with standard factory made condensate trap assemblies which incorporate transparent traps as well as integral capped cleaning ports and are supplied with a cleaning brush. Units with larger drain outlets may require non-standard factory made traps of the same type.

In addition, overflow switches shall be fitted to the drain overflow outlet of the primary drain pan in place of overflow pipes to the exterior of the building.

Floatawitches shall have a switching capacity of not less than 4 amps and shall incorporate normally open and normally closed contacts to enable them to simultaneously switch off the AC unit and actuate an audible or visual alarm.

They shall be fitted with stainless steel actuators and supplied with 3 core color coded wire which shall be not be less than 18 gauge.

Combination trap/overflow switch packs shall be **Model EZT-6....** . (For standard P trap/switch kit package specify Model EZT- 626, for ULTRATRAP/switch kit package specify model EZT- 656, as selected).

Combination packs shall be as manufactured by EZ TRAP INC. or equal, overflow switches shall be U.L. listed and complete package shall be installed and tested strictly in accordance with trap/overflow switch and unit manufacturer's instructions to conform with all local codes.