HORIZONTAL INSTALLATION: (See Figs. 1 and 2).

1. Female Pan Outlets: Glue ¾” long end of supplied threaded male X male stub into female drain pan outlet.
2. Press switch/cap assembly firmly into top 1” opening in Tee until the rim is flush against the Tee opening.
   If more sensitivity is desired, switch may be threaded out of cap. DO NOT GLUE SWITCH/CAP INTO TEE.
3. Glue 1” X ¾” bushing into remaining 1” Tee inlet.
4. Thread female end of supplied adaptor tightly onto male pan outlet or supplied male stub, ensuring it is watertight.
5. Glue bushed inlet of Tee onto other end (SLIP end) of supplied adaptor. Tee may be sloped up to 45° from pan outlet. If more slope is desired, see Vertical Installation, below.
6. For plugged installation on auxiliary outlets:
   a) Seat plug firmly into ¾” outlet of Tee ensuring it is watertight. DO NOT GLUE. Pipe tape may be required to ensure seal. Ensure Tee is level or sloped downward from pan outlet.
   b) Adjust float switch downward out of cap by threading counterclockwise until float stem is at inside bottom of Tee when switch/cap is inserted to the rim.
7. For inline installation, glue ¾” outlet of Tee onto drain line.
8. Wire switch as per instructions under Wiring, below.
9. Test switch by lifting float while unit is on. If wired correctly, unit will stop when float is lifted.
10. Test all drain and fitting connections for plumbing leaks.
11. Test switch sensitivity: Plug drain downstream from installation point and run unit to fill pan. Float should rise and unit should stop before pan overflows. If pan overflows, reposition float lower by either:
   a) plumbing entire assembly lower OR;
   b) by threading switch assembly counterclockwise 1/8-inch away from cap/plug so that it stops unit sooner in response to rising water in drain.
12. Affix warning sticker to air handler or condenser unit.
1. **WARNING:** Disconnect power to unit at main panel prior to performing electrical work.

2. If not present, it is recommended that an inline fuse to protect 24-volt circuit be installed.

3. Locate 24-volt thermostat cable entering air handler unit. Disconnect or cut red or wire and connect to switch lead using wire nut. Connect other switch lead to air handler terminal. Incorporating switch in red circuit shuts entire unit, fan continues to run if incorporated in yellow circuit (inhibits mold during long absences).

4. Test switch by lifting float while unit is on. If wired correctly, unit will stop when float is lifted.

**ALARM CIRCUIT (OPTIONAL):**

This device designed to work with the Safe-T-Gard® condensate overflow alarm.

**OPERATION AND MAINTENANCE:**

It is recommended that the switch/cap assembly be removed and cleaned every three months with Nu Line® Condensate Drain Cleaner:

1. Shut power to unit at main panel and lift switch/cap assembly out of Tee.
2. Clean switch, float, stem and inside surface of Tee.
3. Replace switch/cap assembly.