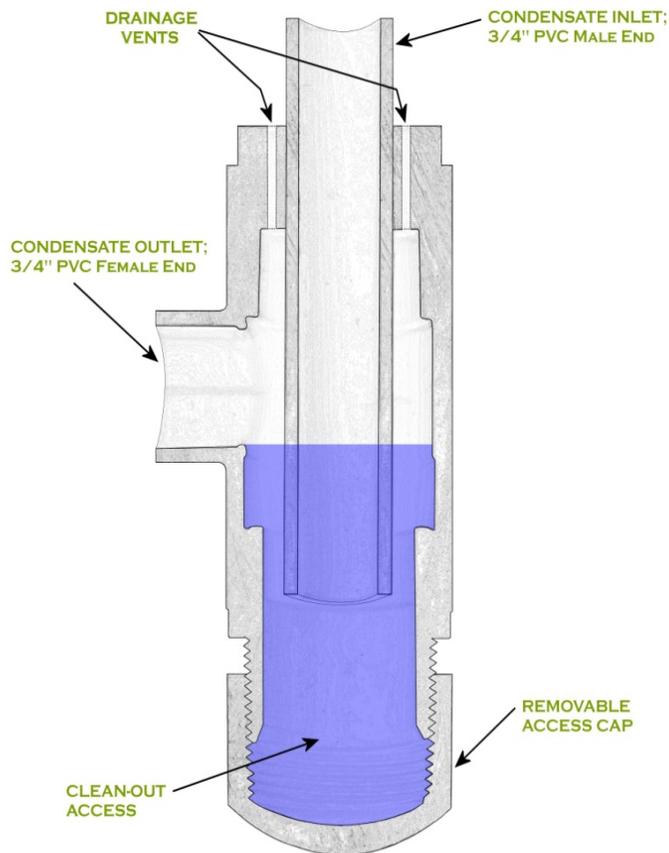


## INSTALLATION INSTRUCTIONS

C-trap's practical and efficient design allows it to be used in virtually limitless condensate drain applications.

### VERY IMPORTANT

C-trap must always be installed in a vertical position with the male inlet port and vent holes facing up.



The top inlet is a  $\frac{3}{4}$ " male end, intended to be connected (*using PVC glue*) to any  $\frac{3}{4}$ " PVC female fitting (*i.e. coupling, 45° or 90°, male or female adaptors, etc.*) at the outlet of a condensate drain pan of any equipment that produces and accumulates condensation (*such as an evaporator coil*).

The side outlet is a  $\frac{3}{4}$ " female end, that allows direct PVC piping (*using PVC glue*) to whatever remote location desired (*long or short runs*). It is **not** necessary to install any additional air vents within proximity, as this is already built-in to C-trap. The side outlet can also be left open with or without a fitting (*i.e. a slip type street 90°*) for immediate drainage at device location (*i.e. rooftop unit, etc.*). With the use of the right adaptor, a barb fitting can be used to connect tubing directly to the outlet to run to a condensate pump.

It is highly recommended that Teflon tape or any other kind of non-permanent thread sealer (**NOT glue**) be used on the threads of the bottom clean-out access cap. Cap should be hand tightened only, never wrenched on. Over tightening or gluing bottom cap can prevent future access to clean-out and can damage product. Drainage vents were engineered into the design of C-trap for the specific purpose of preventing an "air lock" condition within long piping runs downstream of C-trap. Therefore, blocking or sealing off the drainage vents in most normal applications is strongly discouraged. C-trap's drainage vents serve a dual purpose, in that it can trigger an awareness of a condensate drainage problem, if in the event that a drain restriction develops in the piping downstream of C-trap, the accumulated condensate will begin to backflow or purge through the drainage vents. Once the drainage problem / restriction has been resolved, then the condensate drain and C-trap will resume normal function. However, in certain rare applications that C-trap is used in a location where it is absolutely critical that no water be allowed to backflow or purge through the drainage vents, then the vents can be sealed off with silicon. This product should never be used for anything other than the above intended purpose.