

# **POOL HEATER PLUMBING INSTALLERS ONLY**

## **Removal from truck:**

The Trevor-Martin Corporation Pool Heater must be kept upright at all times. Using a dolly is recommended. Never grab the Heater by the clear plastic pipe stubs and never lay the Heater on its side.

## **Location:**

We understand the majority of Homeowners request you install the Heater in a location of their choice. We hope by providing you with the following information you are able to locate the Pool Heater in a position to provide maximum performance while still pleasing the homeowner. The Pool Heater must have 18 inches of clear space around the 3 sides of the Heater where the evaporator coil is located and 24 inches of clear space at the front door. The Heater's fan requires 18 inches of space to draw air across the evaporator coil. Locating the Pool Heater closer than 18 inches to anything solid such as the block wall of a home, a fence, trees, brush and bushes, etc. will not allow the required airflow and cause the efficiency of the unit to drop. The 24 inches of space required at the front door is to allow easy access for any service that may be needed in the future. The access to the front door of the Heater should not be blocked or restricted by any water pipes. Never install a Pool Heater within 6 feet of any sprinkler head or closer than 10 feet from the edge of the pool. Any existing sprinkler heads should be cut, capped and relocated. The Heater should be set on a rigid pad and made to be level. Once this is done you are ready to cut into the pool water lines.

## **Plumbing:**

Before you cut the pool water lines it is important to remember: **you need a check valve and a chemical loop!** If the homeowner has any device on the "Water Out" pipe to control chemicals you must install a chemically resistant check valve and an 8" chemical loop. Examples include a Chlorinator, Saltwater Chlorine Generator, Baquicil etc... All require you install a chemically resistant check valve and an 8-inch chemical loop. The chemical loop must be 8 inches higher than the chlorinator. (Please see diagram in Owner's Manual)

If a solar heating system is in place, install the Heater after the solar heating system. The sequence goes as follows. From the filter to the solar heating system, out of the solar system to the "Water In" pipe of the Heater, and out of the "Water Out" pipe of the Heater, to the chemical loop to the check-valve to the chlorinator to the pool. (Please see diagram in Owner's Manual)

## **Bypass:**

A Trevor-Martin Corporation Pool Heater does not require a bypass to operate since it contains a full flow heat exchanger that can allow 20 to 80 gallons per minute of flow. Although we do not require a by-pass, we do recommend one due to the benefits of having it in place to bypass the Pool Heater in the unlikely event the Pool Heater requires extended periods of service. Proper filtration should not be compromised.

## ***Disclaimer:***

*This sheet is to help you install a Trevor-Martin Corporation Pool Heater. The notes apply for plumbing only. The owners' manual and electric wire diagrams are located inside of the Pool Heater. This sheet does not substitute for the owner's manual, but rather is to help the plumbing installer do his job. All local codes override this single sheet.*