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PRODUCT: All America Series Products

Tubing Run Length Policy

This is a statement of EnviroMaster International Corp. (EMI) company policy. Failure to adhere to the terms of this policy will result in voiding of the "All Products Limited Warranty".

These recommendations are intended as guidelines for installation of a system that will perform satisfactorily and reliably. This is not a warranty or a guarantee. When in doubt about specific applications covered by this policy, please contact your distributor or wholesaler for assistance.

As with all good refrigerant piping practice, cleanliness and proper processing are very important. Interconnecting tubing diameters are sized for proper refrigeration velocities. All tubing should be of the same diameter as the CONDENSING unit connections.

The current Piping Policy has changed. America Series systems now require a P-Trap at the half way point, whether the outdoor unit is above or below the indoor unit. A P-Trap is required if the suction riser is between 20 feet up to the maximum 35 feet. For example if the suction riser is 20 feet tall then the installer is required to install a P-Trap at the 10 foot mark in the suction riser (see example below)

MAXIMUM TOTAL SYSTEM RUN LENGTH= 100 FEET*

MAXIMUM VERTICAL LIFT = 35 FEET

*Includes maximum vertical lift. Allowances for bends and elbows may be calculated using 5 feet effective pipe length for every elbow.

Approximate capacity loss at 50 feet total = 2.5%

Approximate capacity loss at 100 feet total = 5.0%

