

## DISCLAIMER

Knight Inc. does not accept responsibility for the mishandling, misuse, or non-performance of the described items when used for purposes other than those specified in the instructions. For hazardous materials information consult label, MSDS, or Knight Inc.

## WARRANTY

All Knight controls and pump systems are warranted against defects in material and workmanship for a period of ONE year. All electronic control boards have a TWO year warranty. Warranty applies only to the replacement or repair of such parts when returned to factory with a Knight Return Authorization (KRA) number, freight prepaid, and found to be defective upon factory authorized inspection. Bearings and pump seals or rubber and synthetic rubber parts such as "O" rings, diaphragms, squeeze tubing, and gaskets are considered expendable and are not covered under warranty. Warranty does not cover liability resulting from performance of this equipment nor the labor to replace this equipment. Product abuse or misuse voids warranty.



## AVB CONNECTION KIT INSTRUCTION MANUAL

## INTRODUCTION

When connecting a Knight proportioning system, the following three installation methods are most commonly encountered.

- Direct connection: Sometimes referred to as "hard-plumbing". This method involves connecting the proportioner to a water line with standard piping (PVC, copper, etc.) and various fittings.
- Connecting to a janitor's sink without an atmospheric vacuum breaker (AVB): This method involves connecting the proportioner to the sink faucet with an appliance type hose, or equivalent.
- Connecting to a janitor's sink with an atmospheric vacuum breaker (AVB): Same as #2 above, but on a faucet that is equipped with an atmospheric vacuum breaker.

**This kit is required by A.S.S.E. specification 1055 for the third application listed above, where the proportioner is connected to a janitor's sink with an atmospheric vacuum breaker. Failure to use this kit, or equivalent connection means, will invalidate the A.S.S.E. and I.A.P.M.O. (UPC) certification.**

The purpose of the kit is to serve as a visual reminder (through a consistent drip) that the water source is ON. It is important for operators to turn the water source OFF when the proportioner is not in use, to prevent undue stress on the atmospheric vacuum breaker.

## INSTALLATION

See the illustration on the next page for details.

- (1) Connect the Y-connector to the faucet.
- (2) Connect the proportioner to the un-capped end of the Y-connector using an appliance type hose with standard garden-hose threads.
- (3) Turn on the water and inspect the capped end of the Y-connector to ensure that there is a consistent water drip.
- (4) Operate the proportioner to ensure that all functions are working correctly. You may wish to consult the instruction manual for the proportioner for this step.

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