

INTRODUCTION

The MAXI-SHOT Hand Pump is a wall-mount positive displacement pump that can be easily configured to dispense different portions of product. The MAXI-SHOT Hand Pump can be configured to dispense either 1 oz. or 1.7 oz. of product (actual volume may be as high as 2 oz. per shot depending on viscosity and location of concentrate).

INSTALLATION

- (1) Locate a suitable location on the wall to mount the pump. Mount the pump on the wall using the mounting hardware provided. Refer to the drawing on the back page. The pump should not be mounted more than 20" below, or 20" above the product to be dispensed.
- (2) Vinyl tubing is provided with the MAXI-SHOT. Slide an end of the vinyl tubing over the input angle fitting. The input fitting is the angle fitting that extends lateral to the pump body. Place the other end of the vinyl tubing in a container of the product to be dispensed. The vinyl tubing can be cut to any desired length. A cable tie may be required to secure the vinyl tubing to the input angle fitting.
- (3) Slide an end of the vinyl tubing over the output angle fitting. Secure the vinyl tubing to the output angle fitting with the cable tie provided. Run the vinyl tubing to the product dispensing location.
- (4) The orientation of the angle fittings can be adjusted by removing the screws that secure that angle fittings to the pump body, rotating the angle fittings to the desired direction, and securing the angle fittings to the pump body.

OPERATION

Product is dispensed by pressing and releasing the silicone cover. The amount of product to be dispensed can be changed. To change the amount of product to be dispensed, do the following:

- (1) Loosen the hose clamp that secures the silicone rubber cover to the pump body. Remove the silicone cover from the pump body.
- (2) A plastic 1 oz. stop is located in the spring. A 1.7 oz. stop is also provided with the pump. The 1.7 oz. stop has shorter sides than the 1 oz. stop. Replace the stop currently in the spring with the desired stop and reattach the silicone cover to the pump body.

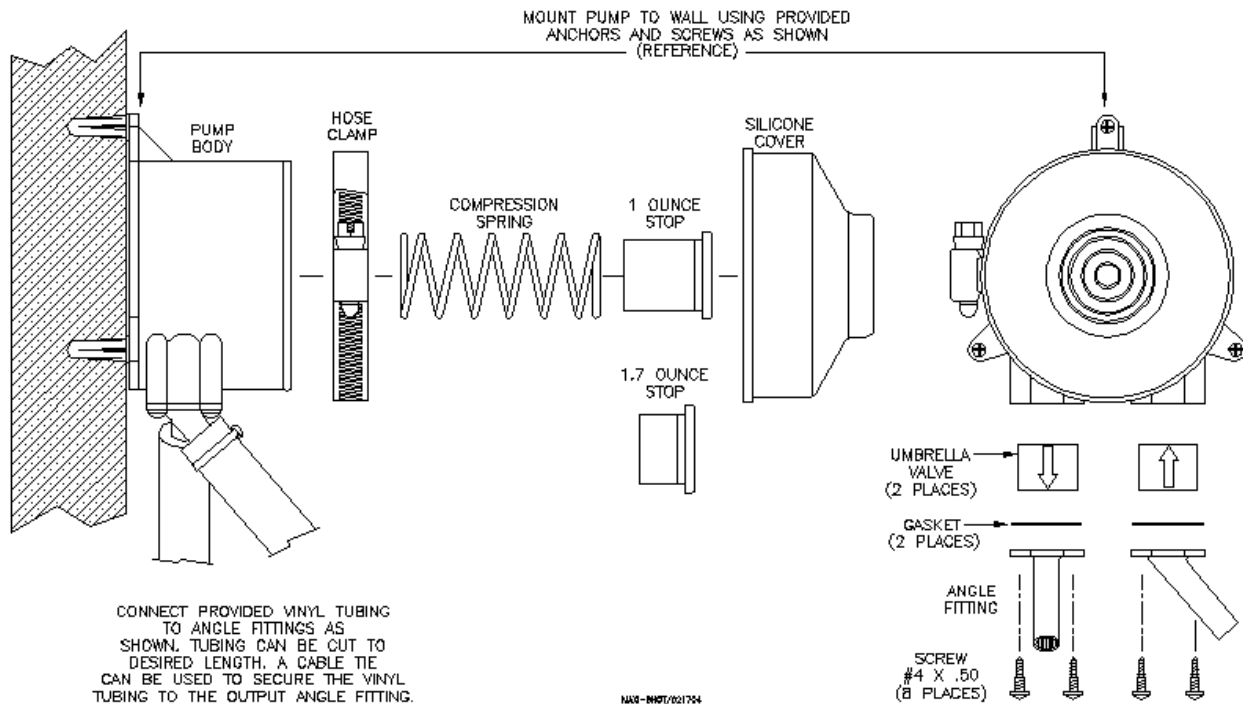
The check valves are located in the input and output sides of the pump body to prevent accidental flow of product through the pump body.



CAUTION: Wear protective clothing and eyewear when dispensing chemicals or other materials. Observe safety handling instructions (MSDS) of chemical mfrs.



CAUTION: When installing any equipment, ensure that all national and local safety, electrical, and plumbing codes are met.



DISCLAIMER

Knight LLC 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 LLC. Knight products are not for use in potentially explosive environments. Any use of our equipment in such an environment is at the risk of the user, Knight does not accept any liability in such circumstances.

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.

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