



BIG SHOT PUMP INSTRUCTION MANUAL

The Knight Big Shot pump is a simple, yet versatile hand pump manufactured to pump a multitude of cleaning chemicals including Sodium Hypochlorite, for reliable and accurate application.

UNIT INCLUDES

- 1 x pump complete
- 1 x 150mm (6") s.s. outlet pipe and non-drip nozzle
- 3 x mounting screws and wall plugs
- 1 x 2 metres (6') of clear pvc pickup tubing
- 1 x installation and operation manual

INSTALLATION

- (1) Choose a suitable location to place the unit, away from interference (i.e. water taps over sink).
- (2) Remove shroud by gently squeezing the base of the shroud above the elbow fittings and pull forward.
- (3) Mark the three mounting holes directly.
- (4) Drill holes with suitable drill bit.
- (5) Place wall plugs into holes (dry wall or cement) or place screws directly into holes (timber).
- (6) Checking that the flow direction is pointing the right way (Shown as an arrow on the back of the unit) do the screws up tight to hold unit firmly to wall (note use only the screws supplied).
- (7) Set desired dose amount by firmly twisting the push knob left or right on the fully extended stroke (this unit can only be set when the shroud is not in place).
- (8) For correct dosing rates see chart on bottom of this page.
- (9) After dose is set and screws are tight, replace the shroud by lining up the rib on the inside of the shroud with the mating groove on the plunger. Push the shroud down into place to cover the working parts, The shroud will clip over all parts of the unit to prevent any change of dose setting.
- (10) On inlet side, push on the PVC hose that has been cut to desired length, and prime unit ready for use (a helpful tip for priming the unit is to use water to prime the pump, and as you depress the pump place your finger over the outlet side, as it draws the water up the inlet side quicker 2-3 pumps instead of 20 – 30 pumps).
- (11) Now you are ready to use this unit.

DOSAGE CHART

Number	1	2	3	4	5	6	7	8	9	10
mls	10	20	30	40	50	60	70	80	90	100
fl oz	1/3	2/3	1.0	1-1/3	1-2/3	2.0	2-1/3	2-2/3	3.0	3-1/3



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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