

CARE AND OPERATING INSTRUCTIONS



FEATURES: The Model 1.9 pump has a number of features which make it versatile. A 1/2" inside diameter tube may be slipped over the outlet or a 1/4" pipe thread fitting can be used. The pump also comes with an elbow which will accept 3/8" ID tubing or 1/2" ID tubing. The elbow is useful if soft tubing is used which sometimes kinks when bent. Also when there is limited room in the base of statuary. The pump can be placed with the screen inlet down for operation in shallow water. Water flow can be regulated by the built in flow control.

MAINTENANCE: Periodically the pump will need to be cleaned when the flow slows down or stops. To clean unplug and remove from water. Slide off prefilter cover and wash out foam prefilter pad. After repeated washing the foam will need to be replaced.

After a period of time deposits may build up inside the pump cover. Remove the four screws which hold the pump cover to the motor housing. The impeller is the only serviceable item. It can be pulled out and cleaned. If it is worn or broken the entire impeller assembly can be replaced. This will restore the pump to original capacity. Do not over tighten screws when reassembling. See pump cover drawing for correct position of flap. Check that O ring is seated into groove in pump cover. If pump fails to start recheck that impeller is not blocked by debris or that flap was not installed incorrectly.

For best results the minimum water level depth should be 2 inches.

Pumps taken out of service with the fluid inside run the risk of forming a crust which may prevent subsequent starting. The pump should be flushed out with fresh water. Always check cord for sharp bends which can cause premature cracking. Do not lift the pump with the cord.

PRIMING: Centrifugal pumps will not pump if the housing is filled with air. The inlet must be filled with water. Unless the air can escape from the outlet the pump will not pump water.

ELECTRICAL PRECAUTION: Always use a properly grounded receptacle. Do not immerse the plug in water. Pump must always be grounded. Only a 3 wire extension cord and grounded outlets should be used. The national electrical code Article 680-41 (A) requires a ground-fault circuit-interrupter be installed in the branch circuit supplying fountain equipment. See your local electrical supply dealer for various types of GFCI.

LIMITED WARRANTY: E.G. Danner Mfg. Inc. will repair or replace your Model 1.9 MAG-DRIVE pump found to be defective within one year of retail purchase. For warranty repair the pump must be returned to our factory. Please include dated proof of purchase and \$5.00 for shipping. This warranty does not cover the replaceable filtering material, or damaged and cut power cords.

Damages or injuries resulting from negligence or misuse of this product are not covered by warranty. This warranty gives you specific legal rights. You may have other rights which vary from state to state.

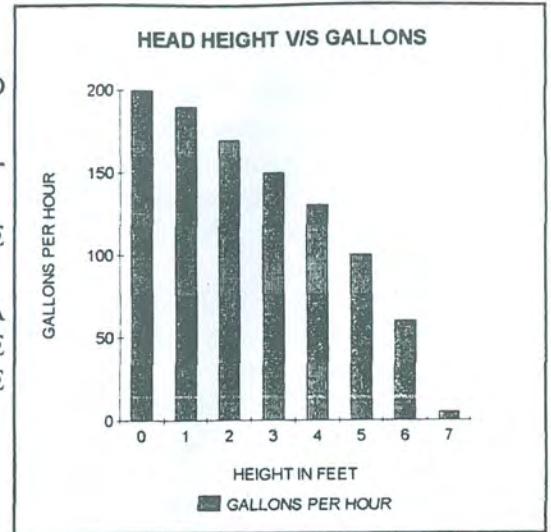
SAVE THESE INSTRUCTIONS

THE PONDMASTER 1.9 WILL PUMP UP TO 190 GALS PER HOUR. IT CAN POWER A STATUE OR WATERFALL. THE MINI-AQUABELLE FOUNTAIN (ITEM NO. 02199) CAN BE ATTACHED DIRECTLY TO THE PUMP NOZZLE.

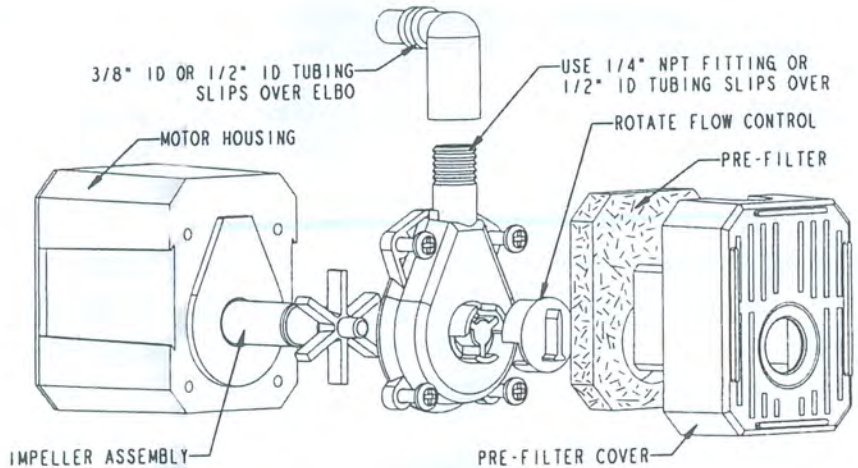
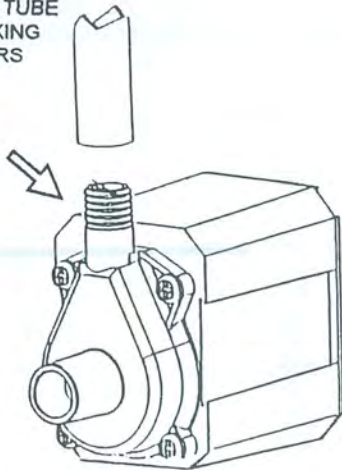
OPTIONAL TIPS FOR CONNECTING PUMP

THERE ARE A NUMBER OF THINGS WHICH WILL REDUCE THE FLOW OF A PUMP:—

- ◆ DIRTY OR CLOGGED FILTER.
- ◆ SMALL DIAMETER HOSE (DO NOT USE A 1/2" ID HOSE OVER 6' LONG).
- ◆ FLOW THROUGH 15' OF 1/2" FLEX TUBING IS REDUCED TO 160 GPH @ ZERO HEAD.
- ◆ THE PUMPING HEIGHT IS MEASURED FROM THE WATER SURFACE TO DISCHARGE POINT.
- ◆ IF YOU MUST CONNECT TO A SMALL FITTING ON A STATUE, REDUCE THE SIZE OF THE HOSE AT THE STATUE, NOT AT THE PUMP NOZZLE END OF THE HOSE.



TO TIGHTEN TUBE
APPLY MASKING
OR PLUMBERS
TAPE TO
THREADS



AVAILABLE PARTS

IMPELLER ASSEMBLY	ITEM NO. 12955
PRE-FILTER (3 / PKGE)	ITEM NO. 12605