

# CARE AND OPERATING INSTRUCTIONS FOR MAGNETIC DRIVE® 9.5, 12 & 18 PUMPS

ITEM # 02710, 02712 & 02718

## FEATURES

The pump is a magnetically driven centrifugal water pump. It has no seals to wear and contains no oil. The pump can be used submerged or inline. Inline means connections are made directly to the pump inlet and outlet ports, which have 3/4" NPT threads. All electrical components are encapsulated in epoxy. The energy used is approximately 1/2 of regular driven pumps. The prefilter foam is provided for use in situations where debris in the water could clog or damage the pump. This helps to give uninterrupted service.

## INLINE PIPING

Centrifugal pumps cannot pull water from a lower level. In order to start, pump must be below water level and filled with water. Unless the air can escape from the outlet, the pump will not start. Do not use glues or solvents to connect the pumps threaded fittings. Use Teflon pipe tape. The pump cover is not designed to support long pipe runs or to correct pipe misalignment.

## SERVICE AND MAINTENANCE

The pump cover should occasionally be removed to clean and inspect the impeller assembly. The impeller is the only serviceable item and can be pulled out of the body. Do not take the impeller apart. If it is worn or broken the entire impeller assembly should be replaced. This will restore the pump to original capacity. Pumps taken out of service for an extended period with fluid inside run the risk of forming a crust which may prevent subsequent starting. Saltwater should be flushed out with fresh water. Always check cord for sharp bends which can cause premature cracking. Do not use power cord to lift or move pump.

## IMPORTANT: FOR PUMPS USED IN SALTWATER OR HARD WATER

Magnet impeller assembly must be removed approximately every three months for cleaning in white vinegar to remove accumulations of scale or calcium. Disassemble magnet from impeller by pulling them apart (it may take a strong pull). One end cap will come off. To clean the calcium scale off the shaft and bearing inside of the magnet, soak in white vinegar for a few hours and scrape it off. Reassemble magnet / impeller assembly. Do not lose any washers located between the end cap and impeller.

## CAUTION

The pump is intended to pump water only. It cannot be used to pump oil, solvents, or gasoline. Although the pump will continue to run if there is no water, after 30 minutes damage may occur if allowed to run dry.

## ELECTRICAL PRECAUTIONS

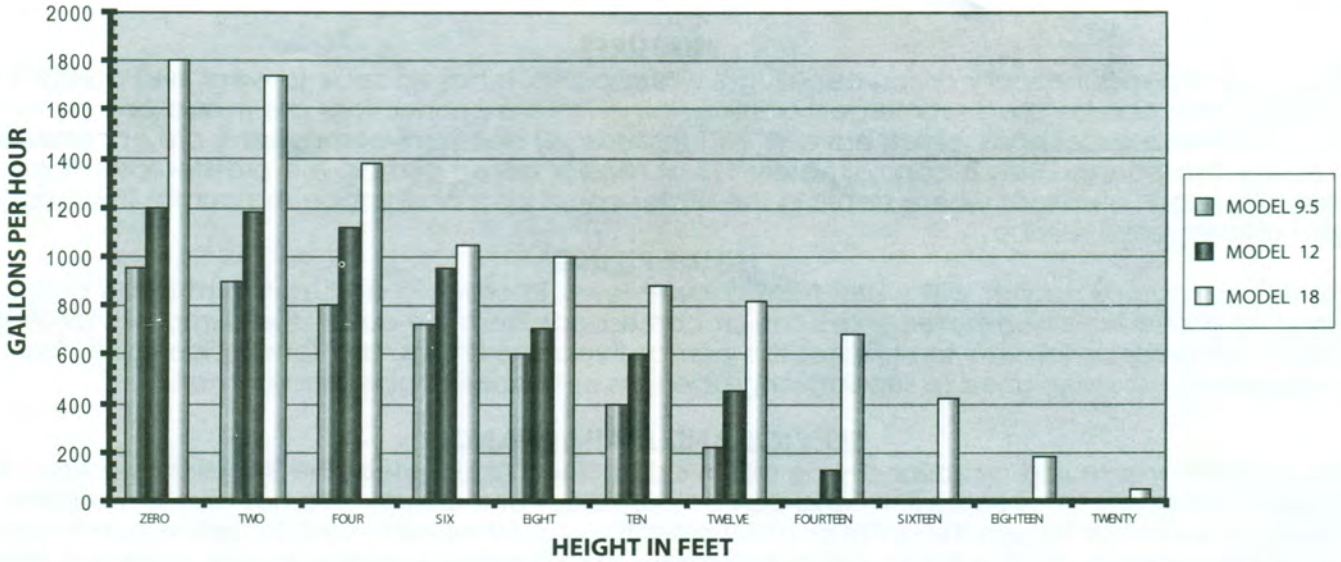
Always use a properly grounded outlet. Do not immerse plug in water. **DO NOT REACH INTO WATER TO REMOVE PLUG.** TURN OFF CIRCUIT FIRST. A "drip loop" should be provided. The "drip loop" is a loop in the cord below the level of the receptacle or plug that prevents water from traveling along the cord. The National Electric Code requires that a ground fault circuit interrupter (GFCI) be installed in the branch circuit supplying fountain or pond equipment. Your dealer can supply GFCI units. **NEVER REMOVE GROUND PIN FROM PLUG. WARNING: FOR YOUR PROTECTION ALWAYS UNPLUG THE UNIT FROM ITS POWER SOURCE BEFORE INSTALLING OR SERVICING. SHOULD THE UNIT APPEAR TO BE NOT WORKING DO NOT REACH, REMOVE OR DISASSEMBLE BEFORE YOU DISCONNECT POWER.**

## LIMITED WARRANTY

E.G. Danner Mfg. Inc. will repair or replace any pump found to be defective as follows: Pump body, cover and filter and accessories within three years of original purchase. Impeller and internal moving parts within one year of original purchase. This warranty does not cover any replaceable filtering material supplied with the pump or filter as it is considered expendable. Damaging, cutting or altering power cord, removing or defacing product labels voids any warranty consideration. For warranty repair return only the part that is defective to our factory. Please include a dated proof of purchase and \$5.00 for postage and handling. Damages or injuries resulting from negligence or misuse of the product are not covered by warranty. This warranty gives you specific legal rights. You may have other rights which vary from state to state.

# PARTS LIST AND SPECIFICATIONS FOR PONDMASTER® MAGNETIC DRIVE 9.5/12/18 PUMPS

FLOW VS HEADHEIGHT



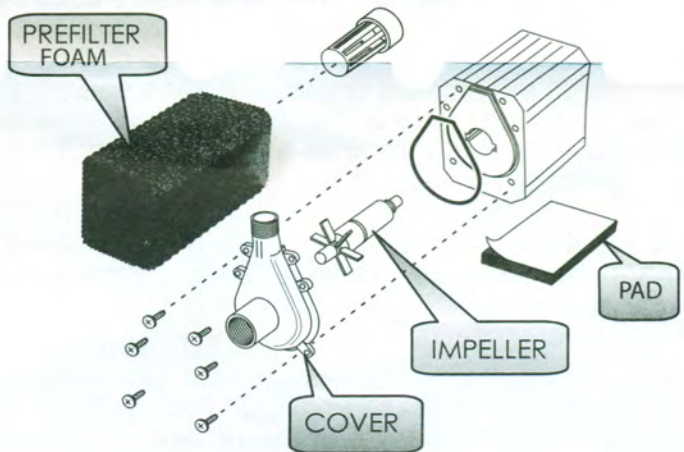
1½" INSIDE DIAMETER IS THE MINIMUM HOSE SIZE THAT SHOULD BE USED FOR MAXIMUM FLOW

**YOUR PUMP MODEL #  
IS ON THE PUMP NEAR  
ELECTRICAL CORD**

**E160713  
LISTED 8C99**

**MODEL 9.5B UTILITY PUMP**

**WARNING:** TO REDUCE THE RISK OF ELECTRIC SHOCK CONNECT ONLY TO A GROUNDING TYPE RECEPTACLE PROTECTED BY A CLASS A GROUND-FAULT CIRCUIT INTERRUPTER.  
**WARNING:** RISK OF ELECTRIC SHOCK THIS PUMP HAS NOT BEEN INVESTIGATED FOR USE IN SWIMMING POOL AREAS  
**ATTENTION:** BRANCHER SEULEMENT A UNE PRISE DE COURANT AVEC MISE A LA TERRE DIFFERENTIEL DE CLASSES A OSA ENCLOSURE 3  
**DO NOT RUN DRY. NE PAS FAIRE FONCTIONNER A SE C THERMALLY PROTECTED**  
**115 VOLTS A.C., 60HZ, 93 WATTS/1.33 AMPS 08/01**  
**DISCONNECT POWER BEFORE HANDLING THE PUMP**



## PUMP PARTS LIST

PUMP MODEL	IMPELLER ASSEMBLY	PUMP COVER	PREFILTER FOAM
<b>9.5B</b>	12746	12733	12730
<b>12B</b>	12756	12741	12730
<b>18B</b>	12776	12741	12730

**CAUTION:** PONDS CAN BE DANGEROUS TO SMALL CHILDREN.  
NEVER LEAVE CHILDREN UNSUPERVISED NEAR A POND.

INST 9.5-18 PUMPS 12/08 ZG100