CARE AND OPERATING INSTRUCTIONS FOR MAGNETIC DRIVE 24/36 AND PONDMASTER® 24/36 PUMPS

ITEM # 02740, 02745, 02750, 02755, 40140

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 1" NPT threads. All electrical components are encapsulated in epoxy with no seals to wear or break. The energy used is approximately 1/2 of regular motor driven pumps. The prefilter screen is provided for use in situations where deposits in the water could clog or damage the pump. This helps 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 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.

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 UNIT BEFORE YOU DISCONNECT POWER**.

CAUTION

The pump is intended to pump water only. It cannot be used to pump oils, 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.

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 five 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.

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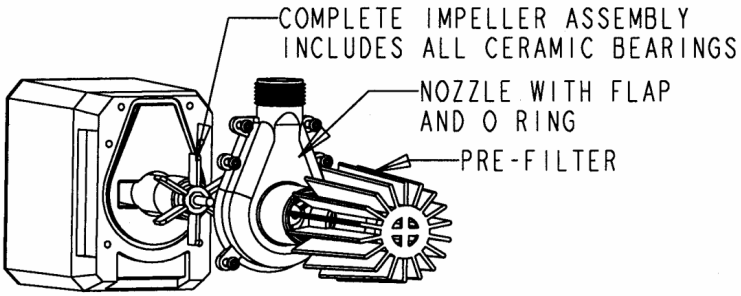
PARTS LIST AND SPECIFICATIONS FOR MAGNETIC-DRIVE 24/36 AND PONDMASTER 24/36 PUMPS

PARTS LIST	
ITEM #	DESCRIPTION
12780	IMPELLER ASSEMBLY 24
12790	IMPELLER ASSEMBLY 36A
12783	PUMP COVER,FLAP,"O"RING
12785	PREFILTER SCREEN



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

DESCRIPTION	MODEL 24	MODEL 36A
GPH 1FT.	2400	3600
GPH 3FT.	2000	3000
GPH 5FT.	1800	2800
GPH 9FT.	1400	2400
MAX. PUMP HEIGHT FT.	20	24
OUTLET SIZE NPT	1" MPT	1" MPT
INLET SIZE NPT	1" FPT	1" FPT
WATTAGE	265	360
AMPS (115 VOLT)	3.0	3.0
ITEM #	02740 & 40140 MD24 10FT. CORD (AQUARIUM/UTILITY PUMP)	02745 MD36A 10FT. CORD (AQUARIUM/UTILITY PUMP)
ITEM #	02750 PM 24 18FT. CORD (POND)	02755 PM36A 18FT. CORD (POND)

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

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