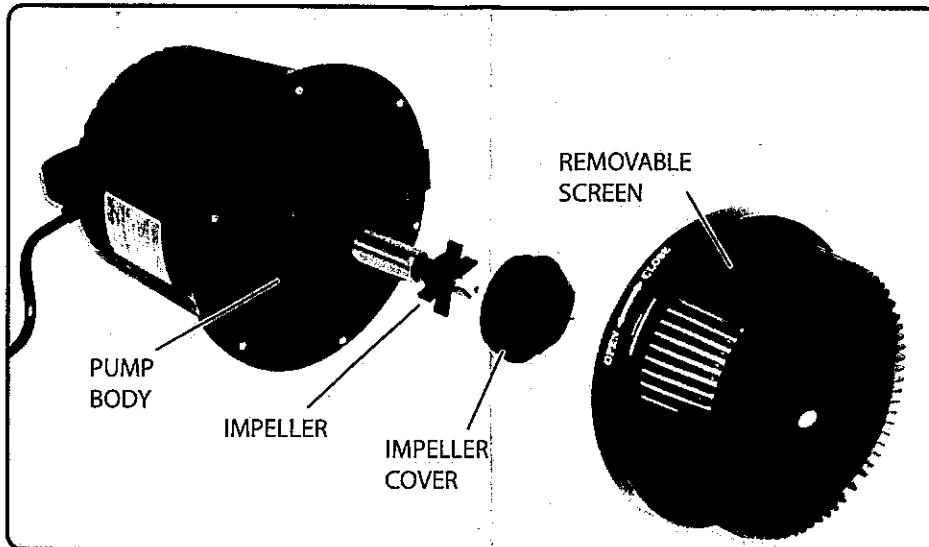


# INSTRUCTIONS FOR WATERFALL PUMPS

MODELS: MDWP20 (ITEM # 02650) AND MDWP30 (ITEM # 02660)

The Waterfall/Skimmer pumps are designed to be placed in skimmers, the bottom of ponds or pump vaults. To insure the longest life and highest output a large screen area is provided. If the pump is used directly in a pond it should be placed at least 6 inches off the bottom to prevent sludge from clogging the pump. Clean the screen when there is a noticeable reduction of flow.



**REMOVABLE SCREEN:** There are arrows printed on the removable screen. Hold the pump and turn the screen to remove or replace.

**IMPELLER COVER:** To inspect the impeller rotate the cover then carefully pull straight out. The "O" ring is fairly tight and hard to turn. Be careful not to lose the black rubber bearing on the impeller shaft. **IMPORTANT!** When replacing be aware that the impeller will pull itself strongly and quickly into the pump motor. Use caution not to trap your fingers under the impeller fins. Compress the "O" ring.

**IMPELLER:** When making repairs the entire impeller should be replaced. Press the impeller into the pump body before replacing the impeller cover.

## ELECTRICAL PRECAUTIONS

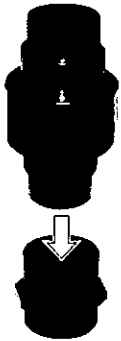
Always use a properly grounded outlet. Do not immerse plug in water. Do not reach into the water to remove plug. Turn off the circuit first. A "drip loop" should be provided. The "drip loop" is a loop in the cord below the level of the receptacle or plug that prevents water from traveling along the cord. 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 the ground pin from the 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 THE POWER.**

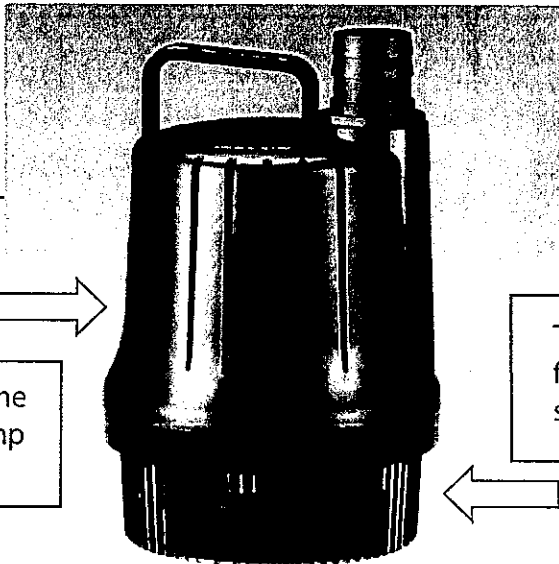
**The pump is intended to pump water only. It cannot be used to pump oils, solvents or gasoline.**

## INSTRUCTIONS FOR PUMPS

MODELS: MDWP20 (item# 02650) AND MDWP30 (ITEM # 02660)



A check valve is supplied with the pump to prevent back flow of water. This is necessary where a stoppage of the pump for service would drain the water from a pond located at a higher level. The check valve is made to fit into the threaded pump adaptor only on one side to provide proper flow. Never pull on Hose to raise the pump as this may dislodge the check valve. Always lift by handle. A rope can be attached to the handle to raise pump safely.



Always refer to the label on the pump for details.

The Screen may be removed for cleaning by turning as shown on pump.

### PUMPS PARTS

ITEM #	MODEL # AND DESCRIPTION
12660	MDWP 20 IMPELLER
12665	MDWP 30 IMPELLER

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

### LIMITED WARRANTY

E.G. Danner Mfg. Inc. will repair or replace any unit found to be defective within 1 year of original purchase. Cutting or altering the cord, removing or defacing product labels voids any warranty consideration. For Warranty Repair contact Customer Service for instructions. Please include a dated proof of purchase and \$10.00 for postage and handling. Damages or injuries resulting from negligence, shipping, handling, improper installation, maintenance 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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Visit our Website: [www.dannermfg.com](http://www.dannermfg.com)