

**HYDROTOOLS™**  
By **SWIMLINE™**

# 5420 & 5440 SWIMMING POOL COVER PUMP



LISTED  
65DF E204567

## INSTRUCTION MANUAL IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** To guard against injury, basic safety precautions should be observed, including the following.

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS

- 1. DANGER:** To avoid getting electric shocks, please pay attention to the safety instructions when the pool cover is full of water. This Cover Pump has no user serviceable parts. Authorized service representatives should perform any other servicing.
  - A.** This Cover Pump is suitable for outdoor use.
  - B.** If any unusual electrical conditions occur, turn the power off immediately.
  - C.** Do not operate the Cover Pump if it has a damaged cord or plug, is malfunctioning in anyway, or it has been dropped or damaged in any manner. Examine carefully for a cracked outer casing.

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- D.** If the plug or receptacle is wet or filled with water, or if the area around the outlet is flooded, do not attempt to pull the cord out. Disconnect power to the cover pump by turning off circuit breaker to the electrical outlet, or, in older electrical systems, by removing fuse at the fuse box. Then it is safe to examine the cord or receptacle for water.
- E.** To avoid the risk of electrical shock, be certain that it is connected to a grounded electrical outlet protected by a Ground Fault Circuit Interrupter (GFCI). The user should arrange a "drip loop" shown in **Figure A** below, for the cord connection from the Cover Pump to the electrical outlet. This will prevent water from running down the cord into the electrical outlet.

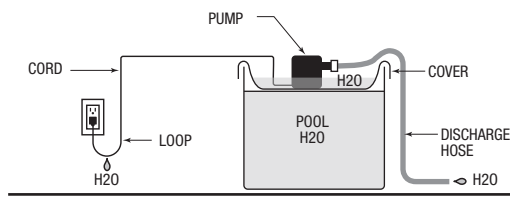


FIGURE A

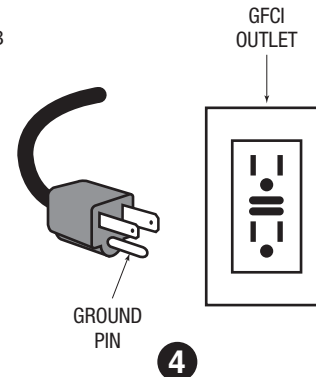
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- 2.** Adults shall be attentive when a child is in the vicinity of the cover pump.
- 3.** To avoid injury do not handle the pump when it is hot. A burn can result.
- 4.** Always unplug the Cover Pump when not in use. Do not attempt to clean the unit when it is plugged in. Never yank the cord to pull the plug from the outlet. To disconnect from the outlet grasp the plug to remove.
- 5.** Do not install or store the Cover Pump where it will be subjected to weather or temperatures below freezing.
- 6.** Do not expose the Cover Pump to direct sunlight or low temperatures for long periods of time.
- 7.** Make sure the Cover Pump is secure on top of the cover before you attempt to turn it on.
- 8.** If an extension cord is necessary, a cord with the proper rating must be used. A cord rated for fewer amperes or watts recommended may cause the pump to overheat. Take care to arrange the cord so that it will not cause harm or injury by unintentional tripping.
- 9.** Before extending your hands into the pool make sure you have disconnected all power to the Cover Pump.
- 10.** Do not use the Cover Pump for other than its intended use. The Cover Pump is intended only to be used to remove water from the cover of your swimming pool. No other use is implied or suggested.

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- 11.** The use of any additional attachments are not recommended by the pump manufacturer and may cause an unsafe condition.
- 12. GROUNDING INSTRUCTIONS**  
**WARNING:** Risk of electric shock, this Cover Pump must be grounded to minimize the possibility of electrical shock. The Cover Pump is equipped with an electric cord having an equipment grounding conductor and a grounding type plug. The plug must be plugged into an outlet that is installed and grounded in accordance with all appropriate codes and ordinances and protected by a ground fault circuit interrupter. The Cover Pump is intended to use a nominal 120 A/C volt circuit and has a grounding plug that looks like the plug illustrated in **FIGURE B** below.

FIGURE B

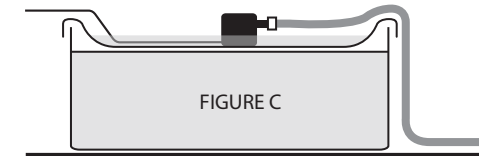


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- 13. WARNING:** Risk of electric shock, do not use the pump if there are people in the Pool.

### 14. SAVE THESE INSTRUCTIONS ADDITIONAL INSTRUCTIONS:

- (A) DO NOT** plug the pump into the electrical power source, until you have finished the pump installation.
- (B) FIGURE C** below, is an example of suggested pump location.
- (C)** Use supplied connector & standard garden hose for discharge.
- (D)** If an extension cord is necessary, a cord with a proper rating should be used. A cord rated for less amperes or watts than the what the pump is rated for (See pump casing) may cause the pump to over heat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
- (E) DO NOT** let the Cover Pump operate after the water is removed from the cover. The unit is cooled by pumping the water off the cover and will overheat if left to run dry.
- (F)** This Cover Pump has been designed for draining swimming pool covers only.



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### OPERATION AND MAINTENANCE WARNING:

IF THE PUMP FAILS TO OPERATE, CHECK THE FOLLOWING:

- CHECK THE CIRCUIT BREAKER AND TRY ANOTHER OUTLET TO ENSURE THE PUMP IS GETTING ELECTRICAL POWER.  
**NOTE:** ALWAYS DISCONNECT PUMP FROM THE ELECTRICAL OUTLET BEFORE HANDLING THE PUMP.
- CHECK THE PUMP DISCHARGE PORT AND TUBING FOR KINKS AND OBSTRUCTIONS. ALGAE BUILD UP CAN BE FLUSHED OUT WITH A GARDEN HOSE.
- CHECK THE INLET SCREEN TO ENSURE IT IS NOT CLOGGED WITH DEBRIS.
- KEEP YOUR PUMP CLEAN, & DRY THOROUGHLY AFTER EACH USE. THIS WILL ADD TO YOUR PUMP'S LIFE.
- STORE PUMP IN A COOL DRY PLACE IN THE ORIGINAL CARTON.
- SAVE THESE INSTRUCTIONS WITH THE PUMP IN THE ORIGINAL CARTON.

**Note:** By moving the slide arm completely away from 'return' hole (where hose is connected) it dampens / restricts (kind of like putting your hand over a garden hose's flow) the flow rate of the unit. It restricts water flow but doesn't reduce pump / impeller speed. By having it in this position, unit is also reducing the amount of potential particulates (debris) from entering the pump. However, extended use in this position could lead to unit overheating and failing.

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