



## Owner's Manual for the Watercannon 3.0

### General Information

This manual contains information for the proper installation and operation of the Watercannon 3.0. The instructions in this manual must be followed properly. Failure to use according to these instructions will void the warranty.

### What's in the box?

The Watercannon 3.0 will arrive in one box.

The box will contain the following: Pump, stainless steel cart, Sunbrella fabric cover, two chrome plated nozzles, one sprayer arm assembly with chrome elbows, one suction hose with safety suction, one cord with GFCI, Teflon tape, one wall mounted twist lock receptacle box, one strainer lid wrench, and one owner's manual.

### Getting Started

Unpack all parts and take them to where the Watercannon will be located near the deep end of the pool. Make sure that your dedicated 20 amp 240 volt breaker is in the on position.

### Installation

1. Take the Watercannon out of the box lifting from both cart handles.
2. Place the Watercannon 1-2 feet from the edge of the pool near the deep end.
3. Lay out the yellow electrical cord from the receptacle to the Watercannon. Extra cord can be coiled up at the receptacle to avoid a tripping hazard.
4. Attach sprayer arm assembly by screwing it into the top of the pump until 2-4 threads are showing. Be careful not to cross thread. This will give the cover a tight fit. Teflon tape is already installed on the threads.
5. Attach each nozzle to the end of the sprayer arm assembly.

6. Turn each nozzle to the left to open up. The nozzles operate similar to a garden hose nozzle. Adjusted all of the way out they will spray in a straight line. Adjusted all of the way in they will form a wider spray pattern.
7. Attach the suction hose by inserting the gray PVC nipple into the male adapter on the front of the pump. For permanent attachment, you may also cement the nipple in place with SCH 80 PVC cement.
8. Plug in the yellow cord to dedicated 20 amp 240 volt receptacle.
9. Plug in the yellow cord to the Watercannon using the twist lock connector. These connections need to be tightly twisted into the fully locked position. Failure **to fully twist the connections may result in arcing of the electricity across the prongs**. The prongs will discolor and the plastic will melt. This is not covered under warranty.
10. Make sure that the GFCI is on. You will see a green light on the display.
11. Take off the strained cover.
12. Prime the Watercannon using a bucket or garden hose by flooding the strainer basket with water.
13. Quickly replace the strainer cover and turn on the Watercannon using the waterproof switch. Water will fill the strainer basket and begin to spray out of the nozzles. There should be little to no air visible through the strainer cover after it is primed.
14. Bring the sides of the cover up and over the spray nozzle assembly. Attach the cover at the front of the Watercannon using the attached Velcro strips.
15. You will want to adjust the nozzles so the waterfalls land in the middle of the pool towards the shallow end. This will minimize any water loss from overspray.

## Use & Care

Running the Watercannon 8-12 hours a night will guarantee an acceptable reduction in water temperature. We insist that the Watercannon be supervised if used in the daytime or at night if there are swimmers in the pool. The pool area at night can become the center of attention for gatherings and pool parties. Add some mood lighting and the pool deck takes on a tropical feel. When used at night, most facilities turn it on when they leave for the night and turn it off back on the next morning. When used consistently at night, the Watercannon will provide adjustable pool cooling all summer long. Each pool facility has its own unique set of variables that affect water temperatures. Geographical location, elevation, humidity, air temperatures, breezes, and pool depth can all be factors.

## Maintenance

The Watercannon will provide cooling and refreshment for years if you follow these few steps:

- Clean the strainer basket regularly.
- Inspect triple suction and remove any debris.
- If used on a salt water pool, periodically wipe down after each use.
- The cart may be cleaned with stainless steel cleaner.

## Storage & Winterization

- Drain all water from pump by unscrewing the drain plugs from the base of the pump.
- Remove sprayer arm assembly and suction hose.
- Remove gasket from inlet and outlet. You may store these and all drain plug in the strainer basket for easy installation next season.
- Coil GFCI cord.
- To avoid condensation/corrosion problems, do NOT cover or wrap pump with plastic film or bags.
- **Do NOT store the Watercannon near any pool chemicals.**

## Troubleshooting

Please check page 13 of the Hayward Tri Star pump manual first. In addition to page 13 you may check the following.

### **Motor Will NOT Start or Motor shuts off– Check For:**

1. Cord in line GFCI tripping

**Solution:** Press reset button on cord in line GFCI.

### **Nozzles are droopy**

1. Tighten flat head baffle screws on the bottom of each elbow. Be careful not to unscrew them or the ball bearing will fall out.

### **Motor Shuts OFF – Check For:**

1. Cord in line GFCI tripping

**Solution:** Press reset button on cord in line GFCI.

## **Specifications**

The Watercannon 3.0 weighs 100 pounds and measures:

- Height to top of nozzles 28.75"
- Width of both cart handles 10.5"
- Height of tall cart handle 21.5"
- Height of short cart handle 13.5"
- Width between nozzles 17.5"
- Overall length 43"
- Overall width 18"

The Watercannon 3.0 pumps approximately 160 gallons per minute.