

FlowMark Pool Water Treatment Installation Operation Manual

EPA Est.#: 92852-FL-1

Record Information About Your System

Date Purchased: _____

Date Installed: _____

Serial Number: _____

Local Representative: _____

Check Contents:

Please inspect the package for the following contents and any damage that may have occurred during shipping.

1. FlowMark Controller
2. Treatment Pads
3. Cable Tie Wraps
4. PVC Pipe Cover
5. Weather Stripping
6. Installation Manual
7. Warranty Card



Power Requirement

All FlowMark Systems are fitted with a auto-switching power supply that can accept 110VAC or 220 VAC power input. Systems are supplied with a molded 110 VAC Power Cord that can be plugged in to any 110 VAC wall outlet. If you choose to run the unit on 220 VAC simply cut the male plug off the power cord and wire to the pool pump timer:

White: Neutral

Black: Hot Leg

Green: Ground

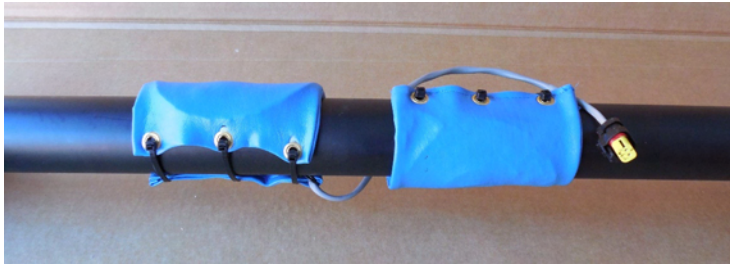
Choosing The Correct Treatment Location

It is best to install the treatment pads on the return line going back to the pool after pump, filter, heater etc.

Installing Your FlowMark Treatment Pads:

The treatment pads can be installed on horizontal or vertical piping. Two treatment pads are included with this model FlowMark system.

1. One side of each treatment pad is marked "TO PIPE" These sides must face the pipe.
2. Form the shape of the treatment pad to the pipe shape by squeezing the pad with both hands into the position you have selected.
3. Insert cable ties through the grommets at each end of the pad.
4. Gradually tighten the cable ties to hold the treatment pad firmly in place.
5. Repeat the above process with the second pad installing on the opposite side of the pipe with a 6" gap between the two treatment pads.



Side marked "TO PIPE " goes toward the pipe.

Installing the Pipe Cover:

The white PVC pipe cover with the FlowMark label is included to provide a finished look to the installation and to protect the material from ultraviolet deterioration.

1. Hold the pipe cover up to the area where the treatment pads have been installed and mark the pipe where the ends will be.
2. Install one piece of weather stripping around the pipe inside the lines just marked on the pipe.
3. Open the pipe cover and install it over your treatment pad installation with the label facing you.



Install Weather Stripping Same Length as Pipe Cover



Tighten Pipe Cover for Snug Fit, Remove Tape and then Seal



Finished Reaction Pad and Pipe Cover Install

Mounting the Control Panel:

Choose a solid wall for mounting the control panel within 10 feet of the treatment pad location. Use lag bolts or tap cons and secure four mounting brackets to the wall.



Connecting and Powering the Unit:

Connect the signal cable to the treatment pad installation by inserting the male connector into the female connector. Push together until a click is heard to lock the connector.

Be sure to neatly route the signal cable between the Controller and the Treatment Pads to avoid damage.

Plug the FlowMark Controller into a 110 VAC outlet or cut off male plug and wire direct to 220 VAC pump timer and observe the yellow and blue lights.

YELLOW LIGHT ON= Power to the Controller

BLUE LIGHT ON = Treatment Active.

Trouble Shooting

Both Yellow and Blue Lights OFF... Check GFI or Circuit Breaker and reset.

Yellow Light ON and Blue Light OFF... Check signal cable connection or find damage to signal cable and repair.

Things to Look For:

Within days the pool water clarity should improve and the water will feel silky to touch. It is not uncommon for a badly scaled pool to turn cloudy at first. Additional pump run time may be required for a few days. If there is calcium scale on the pool tile at the waters edge it is advisable to overfill the pool until all scale is submerged. This will allow existing deposits to soften for easier physical removal. If the pool plumbing is badly scaled you may require more frequent filter backwashing or cleaning in the early weeks of treatment to remove loosened solids. Chlorine demand is typically reduced 30 to 50%.