

# FlowVis® flow meter

Know  
the **FLOW**

FlowVis® is a revolution in reliable flow measurement. It is the most advanced, affordable, and reliable precision flow meter designed specifically for pools, spas, fountains, and water features.



Manufactured in the U.S.A

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## Know the Flow

The patent pending FlowVis® from H<sub>2</sub>flow is a revolutionary, affordable, and highly accurate flow meter that guarantees you will **Know the Flow**.

FlowVis® is more than a flow meter; it is also a fully functioning check valve. As flow increases and decreases, the check valve's flapper swings within its range of motion. A specifically designed calibration spring, indicating arm, and an extended height valve body lid constitute the fundamentals of the FlowVis® design concept.

FlowVis® is the first flow meter to be tested and certified to NSF 50. The process confirmed average accuracy was within just 2.01%\* between 76 and 416 LPM across all certified models. A significant premium would normally be paid for this level of precision; however, FlowVis® costs far less than other flow meters that come even close to this level of performance.

The FlowVis is the ideal valve to install in conjunction with a variable/multi speed pumps. This will enable accurate pump operating speed adjustments to ensure sufficient water flows to the pools filtration and sanitising equipment.



## Retrofittable

## What makes FlowVis® different?

Pool installers, owners, and operators finally have a flow meter that they can rely on. Accuracy, reliability, and longevity are key among a list of unique features that include:

- Combined functionality of flow meter and check valve
- Average accuracy of 2.01% between 76 - 416 LPM
- NSF 50 for complete FlowVis® model (FV-C)
- Installation flexibility, horizontally, vertically, or even upside down.
- Clear, easy to read scale in LPM.
- Easy installation and requires no calibration.
- Unique design results in maintained accuracy even with entrained air caused by suction leaks
- Manufactured in the USA
- 5-year breakage warranty
- NSF Certified to 50 psi (345kPa)



Pipe Size	Flow LPM	Head Loss (M)
50mm	76	1.8
50mm	416	5.18
65mm	80	1.65
65mm	426	5.5

## Built to Last

FlowVis® is built to last. Its robust, yet unobtrusive design means that unlike competing flow meters, FlowVis® won't get kicked, tripped over, or broken. In fact, we're so confident in the durability of FlowVis® that the product has a 5-year warranty on breakage!

Unlike Pitot tube / Rotameter style devices, FlowVis® will not stick, bounce, or provide inaccurate readings of flow. There are no saddle clamps to corrode, flat rubber seals to deteriorate, or small holes to become blocked.

## Save Money. Save Energy.

- FlowVis® provides a precise, easy-to-read flow rate
- Maximise energy savings by slowing a variable/multi speed pump to its lowest required speed for pool filtration & sanitation
- Allows precise and repeatable valve positioning for perfect water feature operation

## Installation

- No plumbing restrictions for precise flow measurement; install next to elbows, tees, etc. with little or no degradation in performance
- Can be installed in any position
- Consumes less plumbing space than individual check valve and flow meter combination

FlowVis® is a design by Dr. Richard DeVerse of Kona Labs, Inc. The FlowVis® name is a registered trademark of H<sub>2</sub>flow Controls, Inc. Any use or reproduction of the FlowVis® name or of associated documents, literature, or media, is strictly forbidden without the expressed written consent of H<sub>2</sub>flow Controls, Inc., its owners, and/or officers.



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