# POOL PRODUCTS

#### **Rainbow Pool Products**

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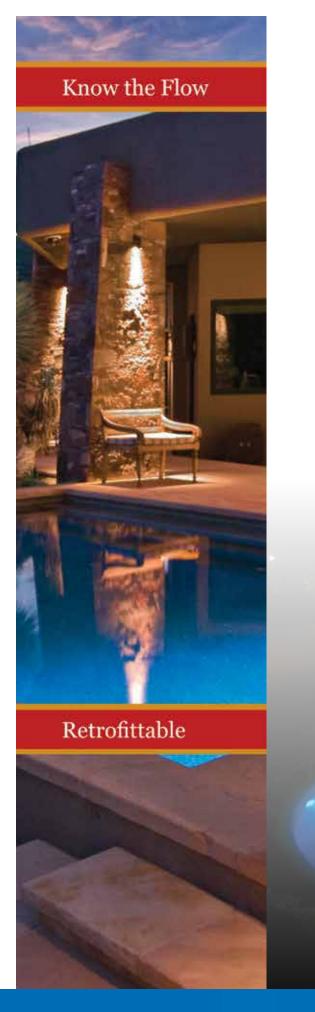
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## FlowVis®

### flow meter







The patent pending FlowVis® from H₂flow 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.

#### 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



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