



Rainbow Pool Products

PO Box 2388, Mansfield Qld 4122

Telephone STD 61-7-3849 5385

Facsimile STD 61-7-3849 5384

Email: info@rainbowpoolproducts.com.au

Web: www.rainbowpoolproducts.com.au

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



Know the Flow

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.



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



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