h2flow CONTROLS

FLOWVIS®

FLOW METERS

A REVOLUTION IN RELIABLE FLOW MEASUREMENT

MADE IN THE USA

h2floweurope.com

THE BRAND MORE POOL OWNERS & OPERATORS TRUST

Ingenious in concept and flawless in operation, FlowVis® has been revolutionizing the way pool owners and operators measure flow since its inception in 2012.

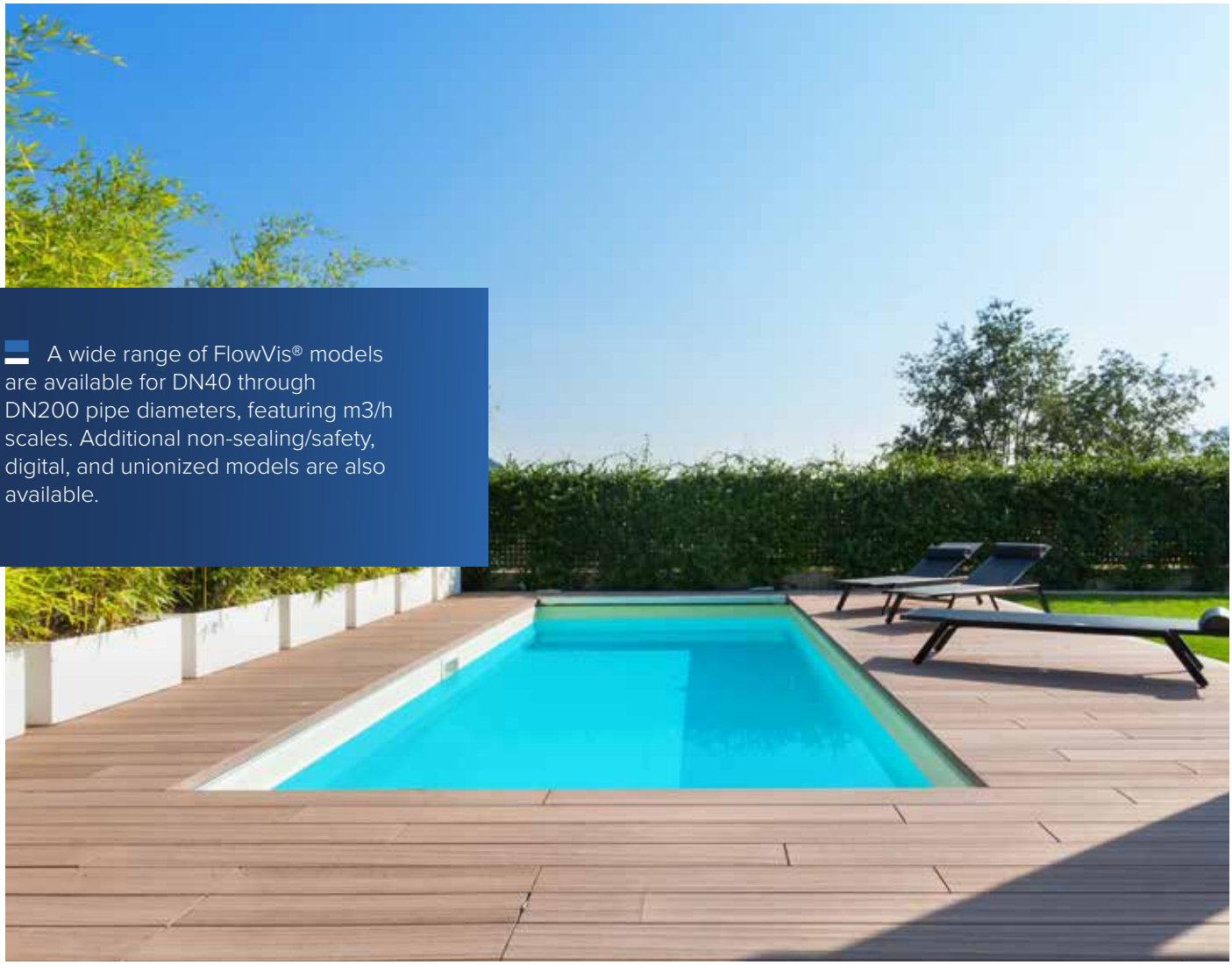
With unrivaled average accuracy and greater installation flexibility than any other brand, it's easy to see why FlowVis® is the pool & spa industry's flow meter of choice.

GIVE YOUR CUSTOMERS THE QUALITY THEY EXPECT

Unrivaled accuracy across the entire model range.

Robust construction and uncompromising quality.

Installation flexibility; no requirement for 15x straight pipe.



A wide range of FlowVis® models are available for DN40 through DN200 pipe diameters, featuring m3/h scales. Additional non-sealing/safety, digital, and unionized models are also available.

A BETTER FLOW METER MEANS MORE SAVINGS

Installing a variable speed pump for energy savings makes complete sense, but the only way to know where to set the pump's speed is by knowing the flow rate. Establishing the required flow rate also allows the user to achieve turnover requirements; setting the flow rate too high will use more energy than required and setting it too low will result in a dirty pool.

FLOWVIS® ALLOWS YOU TO:

Save energy
Maximize energy saving potential by running the pump at its optimal speed

Reduce chemical usage
Reducing the flow rate to what is required, can also reduce chemical usage.

Ensure heater efficiency
Achieve maximum heat transfer by operating at the optimal flow rate.

Skim efficiently
Balance the filtration system by knowing the flow.

Maintain a cleaner pool
Optimize the filters efficiency by operating at its effective flow rate.

Optimize water feature operation
Achieve precise and repeatable valve positioning for perfect water feature appearance.

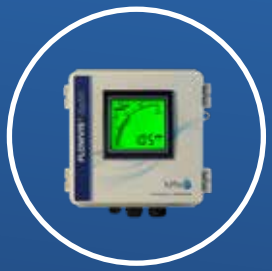
FLOWVIS® PRODUCTS & SERVICES

Our growing FlowVis® product line features robust products with unique features and functionality. Find the products that meet your needs!

FlowVis® calculator

Use the FlowVis® calculator to determine how much money you could be saving by using FlowVis, visit: **h2flow.net/flowvis-calculator**

FlowVis®



FlowVis® Digital

A digital upgrade for standard FlowVis® models. Featuring digital readouts of flow, turnover rates, min/max flow alarms, and more!

THE FLOWVIS®

PRODUCT LINE

FV-M-DN40
forDN40 pipe

FV-M-DN50/65 for
DN50 and DN65 pipe

FV-M-DN80
forDN80 pipe

KEY FEATURES

	DN40	DN50	DN65	DN80
Independently verified accuracy?	YES (NSF 50)	YES (NSF 50)	YES (NSF 50)	YES (NSF 50)
Pipe Type	SCH40	SCH40	SCH40	SCH80
Fitting Type	Valve Body	Valve Body	Valve Body	Tee
Check Valve Functionality?	YES	YES	YES	NO
Calibration Required?	NO	NO	NO	NO
Warranty	3-Years	3-Years	3-Years	3-Years
Design Life	15-Years	15-Years	15-Years	15-Years
Spring Replacement	7-Years	7-Years	7-Years	7-Years
Manufactured in USA	YES	YES	YES	YES

Say ‘hello’ to the family of FlowVis® flow meters. With more independently certified models and a higher average accuracy than any other brand of flow meter, you’ll be glad we made the introduction!

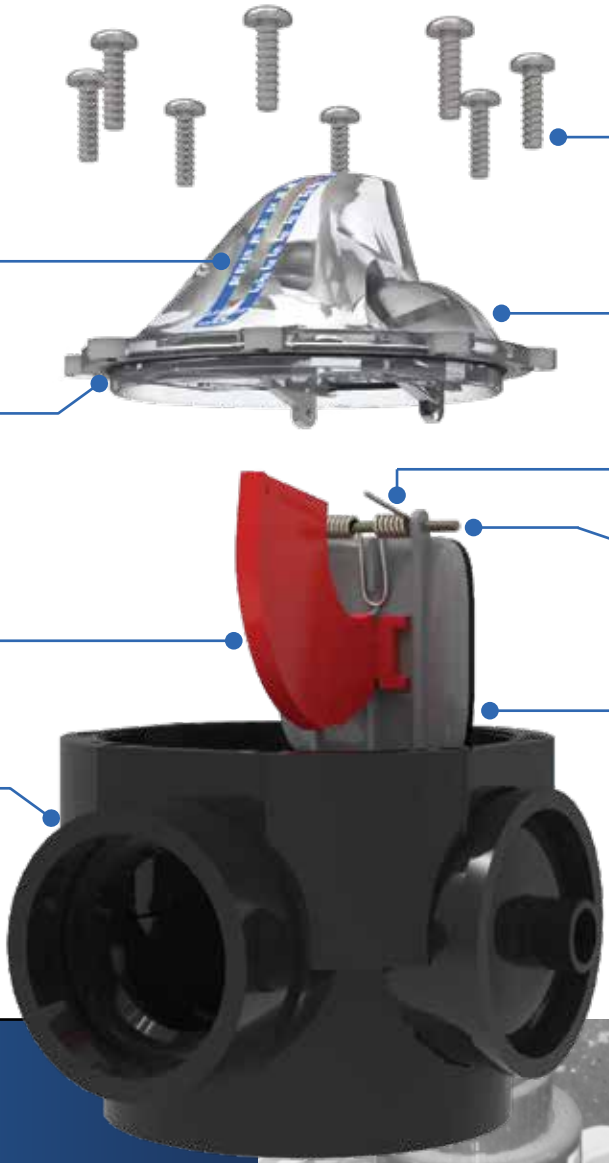
FV-M-DN100
forDN100 pipe

FV-M-DN150
forDN150 pipe

FV-M-DN200
forDN200 pipe

DN100	DN150	DN200
YES (NSF 50)	YES (NSF 50)	YES (NSF 50)
SCH80	SCH80	SCH80
Tee	6 x 3 Saddle-clamp	8 x 4 Saddle-clamp
NO	NO	NO
NO	NO	NO
3-Years	3-Years	3-Years
15-Years	15-Years	15-Years
7-Years	7-Years	7-Years
YES	YES	YES

OUR QUALITY IS OUR IDENTITY



WHAT THE PRO'S SAY

JOIN THE THOUSANDS OF POOL PROFESSIONALS WORLDWIDE THAT ARE SEEING THE BENEFITS OF USING FLOWVIS® FLOW METERS.

"**I ABSOLUTELY LOVE THAT I GET A VERY ACCURATE FLOW READING ANYWHERE I NEED TO PLACE IT IN THE PUMP ROOM".**

Michael Geyer
President, Exceptional Water Systems, Mesa, AZ

"**FINALLY! A RELIABLE FLOW METER FOR POOLS. CHECK OUT FLOWVIS®".**

Wes Burdine
Owner, Aquatic Energy Consulting, Kingsport, TN

HEAD LOSS DATA

FlowVis® has a small to moderate impact on head, depending on the model:

HEAD LOSS (ft H_2O)						
Flow	FV-M-DN40	FV-M-DN50/65	FV-M-DN80	FV-M-DN100	FV-M-DN150	FV-M-DN200
Low	1.6	1.8	1.0	0.55	0.22	0.21
Mid	2.6	3.4	1.8	1.3	0.45	0.45
High	4.8	4.7	2.9	1.45	0.9	0.6

HEAD LOSS (psi)						
Flow	FV-M-DN40	FV-M-DN50/65	FV-M-DN80	FV-M-DN100	FV-M-DN150	FV-M-DN200
Low	0.64	0.75	0.25	0.28	0.1	0.09
Mid	1.15	1.5	0.8	0.63	0.25	0.18
High	2.1	2.1	1.3	0.68	0.4	0.26

SPECIFICATIONS

	FV-M-DN40	FV-M-DN50/65	FV-M-DN80	FV-M-DN100	FV-M-DN150	FV-M-DN200*
Flow Range (M3/h)	2-20 (DN40)	2-25 (DN50/65)	16-55 (DN80)	28-102 (DN100)	68-227 (DN150)	113-409 (DN200)
Flow Range (LPM)**	38-303	38-416	165-908	473-1703	1136-3785	2271-6814
Flow Range (GPM)**	10-80	10-110	70-240	125-450	300-1000	600-1800
Working Pressure	50 PSI					
Average Accuracy	98.7%	99.4% (DN50) / 99.2% (DN65)	98.9%	99.6%	98.1%	98.9%
NSF 50 CERTIFICATION LEVELS						
Horizontal Straight Pipe	L1	L1	L1	L1	L1	L1
Horizontal Between 90's	L1	L1	L1	L1	L1	L1
Vertical Up Straight Pipe	L1	L1	L1	L1	L1	L1
Vertical Up Between 90's	L1	L1	L1	L1	L1	L1
Vertical Down Straight Pipe	L1	L1	L1	L1	L1	L1
Vertical Down Between 90's	L1	L1	L1	L1	L1	L1

**Model FV-M-DN200 supplied with FlowVis Digital (model FV-D) as standard.*
***GPM and LPM units of measurement available as an option.*

Guide for NSF 50 Accuracy Levels

Level 1 (L1): Average of absolute values of all single point deviations must be ≤2%. Single point deviations shall not exceed ±4%.
Level 2 (L2): Average of absolute values of all single point deviations must be ≤5%. Single point deviations shall not exceed ±7.5%.
Level 3 (L3): Average of absolute values of all single point deviations must be ≤10%. Single point deviations shall not exceed ±12.5%.
Level 4 (L4): Average of absolute values of all single point deviations must be ≤12.5%. Single point deviations shall not exceed ±15%.
Level 5 (L5): Average of absolute values of all single point deviations must be ≤15%. Single point deviations shall not exceed ±20%.

MORE PRODUCTS FROM H2FLOW

FLOWVIS® DIGITAL

Digital upgrade for standard FlowVis, featuring unmatched accuracy and reliability.

ECO-FLOW®-C AC DRIVE

Premium Variable Frequency Drive developed specifically for the commercial pool market.

ECO-FLOW®-F AC DRIVE

Premium Variable Frequency Drive developed specifically for the commercial fountain market.

PSP20 ANTI-ENTRAPMENT DEVICE

The industry professional's anti-entrapment solution of choice.

h2flow CONTROLS

+(34) 609 31 52 82 | info@h2floweurope.com | h2floweurope.com

AQUATIC AC DRIVES • FLOW METERS • ANTI-ENTRAPMENT DEVICES

MADE IN THE USA