

KYTOLA® Model HV Variable Area Flow Meter is an industrial flow meter.

Model HV comes with an injection molded impact resistant flow tube with threaded or socket type connections.

It is a reliable instrument for measuring and monitoring water and air flows.



- For water or air
- Good corrosion resistance
- Threaded or socket type connections
- Flow rate water up to 8 USGPM (30 L/min)
- Flow rate air up to 35 SCFM (900 NL/min)

ISO 9001 ISO 14001

FLOW METER HV

FEATURES

- Low cost
- Large variety of flow ranges

TYPICAL APPLICATIONS

- Process industry
- Chemical industry
- Water treatment plants
- Flow measurement in PVC piping
- General water and air measurement

OPTIONS

- Viton® or EPDM seals
- Low and high flow alarm

Model	HV	
Connection size	G/NPT 1/2" or 0.79" (20 mm) socket	
Weight	4.2 oz (120 g)	
Max. pressure	145 psi at 68°F (10 bar at 20°C)	
Max. temperature	167°F at 29 psi (50°C at 2 bar)	
Flow tube	Grilamid (PA-12) or PES	
Connectors	PVC	
Float	AISI 329 or AISI 329/PTFE (depending on range) Note! Other possible wetted metal parts: AISI 316	
Seals	Nitrile (*Viton®, EPDM)	
Accuracy	±5% F.S. (H ₂ O 70°F/20°C)	*) on request

H V - - -

Connections

Without PVC connectors	<i>blank</i>
Socket type connections, 0.79"(20mm)	H
NPT 1/2" threads	N
G 1/2" threads	R

Flow Range H ₂ O		Flow Range Air		
USGPM	L/min	SCFM	NL/min	
0.05 – 0.5	0.2 – 2	0.5 – 2.75	15 – 70	6H
0.2 – 0.9	0.75 – 3.25	1.0 – 5	30 – 130	3H
0.3 – 1.4	1.5 – 5	1.5 – 6.5	40 – 180	3K
0.6 – 2.2	2.0 – 8	3.0 – 10	60 – 280	3L
0.6 – 2.6	2.5 – 10	3.0 – 12	75 – 300	3M
1.0 – 4.5	3.0 – 17	4.0 – 20	100 – 500	4D
1.5 – 5.5	4.0 – 22	4.0 – 24	100 – 650	4E
1.5 – 8.0	5.0 – 30	5.0 – 35	150 – 900	4F

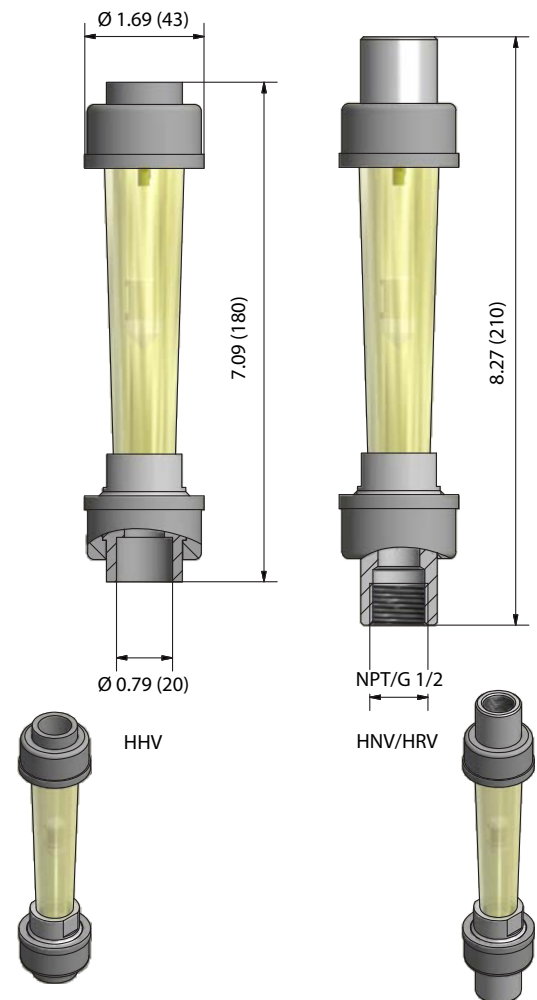
Scale

H ₂ O L/min (20°C)	A
H ₂ O m ³ /h (20°C)	C
H ₂ O USGPM (70°F)	G
Air NL/min (20°C, 1.013 bar abs)	R
Air SCFH (70°F, 14.7 psia)	V
Air SCFM	T

Features

Grilamid flow tube, nitrile seals	<i>blank</i>
PES flow tube, nitrile seals	V
PES flow tube, Viton® seals	W
Grilamid flow tube, Viton® seals	X
EPDM seals	Y

Standard feature: leave *blank*
Special feature: choose character



NOTE: Measurements in the drawings in this datasheet are in inches (and millimeters) if not stated otherwise.