

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

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



- For water or air
- Good corrosion resistance
- Threaded or socket type connections
- Scales up to
22 m³/h H₂O
14 Nm³/min air

FLOW METER HV, HK, HT

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

FEATURES

- Low cost
- Large variety of flow ranges

TYPICAL APPLICATIONS

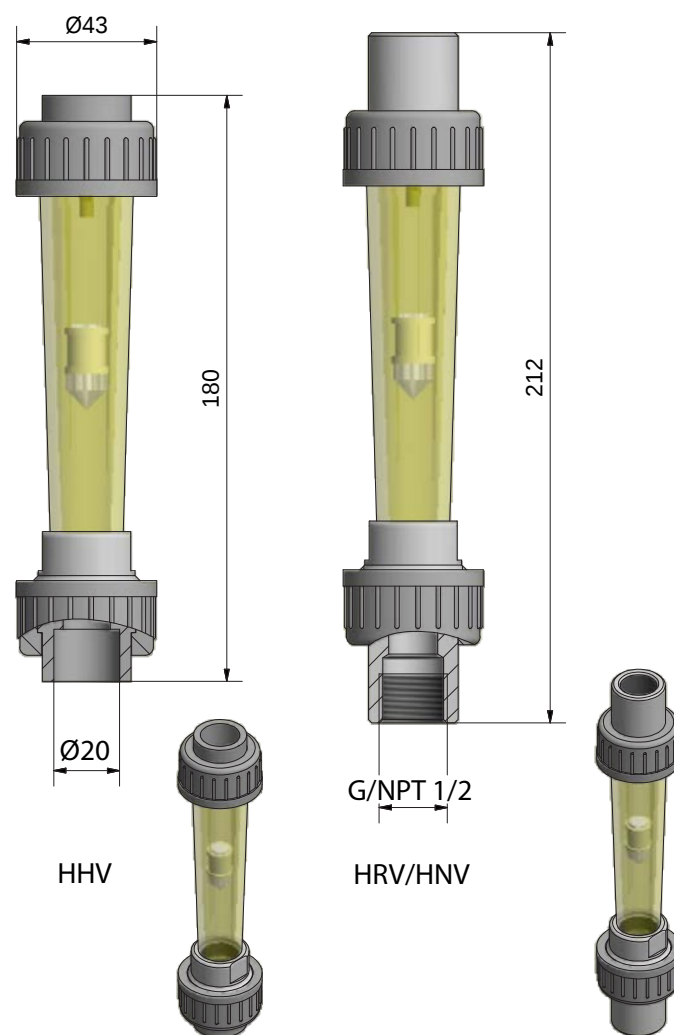
- Process industry
- Chemical industry
- Water treatment plants
- Flow measurement in PVC piping
- General water and air measurement

OPTIONS

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

Model	HV	
Connection size	G/NPT 1/2" or 20 mm socket	
Weight	120 g	
Max. pressure	10 bar at 20°C	
Max. temperature	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® or EPDM)	
Accuracy	±5% F.S. (H ₂ O +20°C)	*Special construction on request

H V - -		
Connections		
Without PVC connectors	<i>blank</i>	
Socket type connectors, Ø20mm	H	
NPT 1/2" threads	N	
G 1/2" threads	R	
Flow Range		
H ₂ O m³/h	Air Nm³/min	
0.02 – 0.11	0.015 – 0.07	6H
0.04 – 0.2	0.03 – 0.13	3H
0.075 – 0.3	0.04 – 0.18	3K
0.15 – 0.5	0.06 – 0.28	3L
0.15 – 0.6	0.075 – 0.3	3M
0.2 – 1.0	0.1 – 0.5	4D
0.2 – 1.3	0.1 – 0.65	4E
0.3 – 1.8	0.2 – 0.9	4F
Scale		
H ₂ O (m³/h) at +20°C		C
Air (Nm³/min) at +20°C/1.013 bar (abs)		S
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
Standard feature: leave <i>blank</i>		
Special feature: choose character		



Model	HK	
Connection size	G/NPT 3/4" or 25 mm socket	
Weight	280 g	
Max. pressure	10 bar at 20°C	
Max. temperature	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® or EPDM)	
Accuracy	±5% F.S. (H ₂ O +20°C)	*Special construction on request

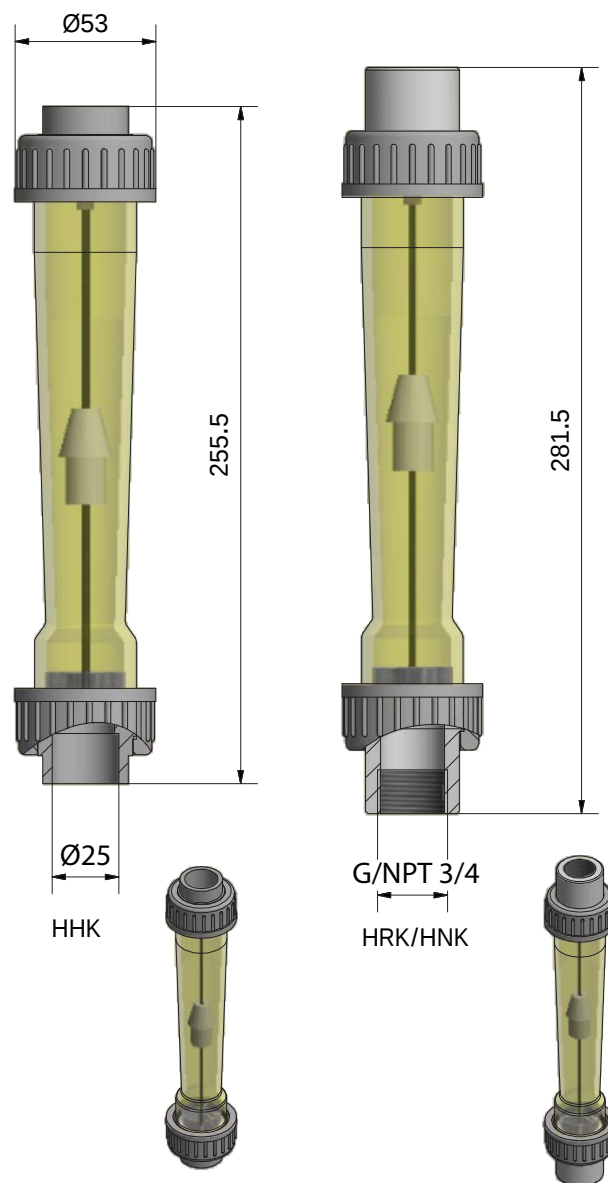
H K - -

ConnectionsWithout PVC connectors *blank*Socket type connectors, Ø25 mm **H**NPT 3/4" threads **N**G 3/4" threads **R****Flow Range**H₂O m³/h

Air Nm³/min

0.3 – 1.2 0.14 – 0.6 **4F**0.5 – 2 0.25 – 1 **4E**0.6 – 2.6 0.25 – 1.2 **4A**0.8 – 3.4 0.4 – 1.7 **4B**0.8 – 3.6 0.4 – 1.8 **4C**1 – 4.75 0.3 – 2.5 **4D****Scale**H₂O (m³/h) at +20°C **C**Air (Nm³/min) at +20°C/1.013 bar (abs) **S****Features**Grilamid flow tube, nitrile seals *blank*PES flow tube, nitrile seals **V**PES flow tube, Viton® seals **W**Grilamid flow tube, Viton® seals **X**Standard feature: leave *blank*

Special feature: choose character



Model	HT
Connection size	G/NPT 1 1/4" or 50 mm socket
Weight	980 g
Max. pressure	10 bar at 20°C
Max. temperature	50°C at 2 bar
Flow tube	Grilamid (PA-12) (*PES)
Connectors	PVC
Float	AISI 329 or AISI 329/PTFE (depending on range) Note! Other possible wetted metal parts: AISI 316
Seals	Nitrile (*Viton® or EPDM)
Accuracy	±5% F.S. (H ₂ O +20°C) *Special construction on request

H T - - -		
Connections		
Without PVC connectors	blank	
Socket type connectors, Ø50mm	H	
NPT 1 1/4" threads	N	
G 1 1/4" threads	R	
Flow Range		
H ₂ O m³/h	Air Nm³/min	
0.5 – 3	0.35 – 2	4E
0.6 – 6.4	0.4 – 3	4A
0.5 – 9.5	0.5 – 4.25	4F
1.5 – 12	1 – 6	4B
2 – 18	1 – 8.5	4C
4 – 22	2 – 14	4D
Scale		
H ₂ O (m³/h) at +20°C		C
Air (Nm³/min) at +20°C/1.013 bar (abs)		S
Features		
Grilamid flow tube, nitrile seals	blank	
PES flow tube, nitrile seals		V
PES flow tube, Viton® seals		W
Grilamid flow tube, Viton® seals		X
Standard feature: leave blank		
Special feature: choose character		

