

KYTOLA® Model VLH Variable Area Flow Meter is designed for reliable measuring and monitoring of liquid and gas flows.

It comes in a range of different options and has AISI 316 end blocks and side plates.



- For liquid or gas
- Sturdy construction
- Impact resistant flow tube
- Alarm-ready
- Scales for alternative liquids and gases

ISO 9001 ISO 14001



FLOW METER CRN Model VLH

FEATURES

CRN approved model

TYPICAL APPLICATIONS

Lubrication oil measurement

Sealing and cooling water measurement

Flush water applications

Gas flow measurements

Batching and mixing of gases

OPTIONS

Low and high flow alarm

Viton or EPDM seals

PES flow tube

Hand knob in valve

Model	VLH
End blocks	AISI 316
Side plates	AISI 316
Max. pressure	266 psi (18 bar) up to maximum temperature
Max. temperature	175°F (80°C), *248°F (120°C)
Weight	4.4 lbs (2.0 kg)
Flow tube	Grilamid (PA-12) (*PES)
Connections	NPT 1/2" or G 1/2"
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)

*Special construction on request

End Block Material				VL			
AISI 316				H			
Flow Range H ₂ O		Flow Range Air					
USGPM	L/min	SCFM	NL/min				
0.1 – 0.55	0.4 – 2	0.5 – 3	15 – 75	6H			
0.2 – 0.9	0.75 – 3.25	1 – 5	30 – 130	3H			
0.4 – 1.4	1.5 – 5.5	1.5 – 7	40 – 180	3K			
0.6 – 2.4	2 – 9	3 – 11	80 – 300	3L			
0.6 – 2.6	3 – 10	3 – 12	75 – 325	3M			
0.75 – 4.25	2 – 16	3 – 17	75 – 450	4N			
1 – 4.5	3 – 17	4 – 20	100 – 500	4D			
1 – 6.0	4 – 22	4 – 26	100 – 700	4E			
1 – 8.0	5 – 30	5 – 35	150 – 900	4F			
Scale							
H ₂ O L/min (20°C)				A			
H ₂ O USGPM (70°F)				G			
Air NL/min (20°C, 1.013 bar abs)				R			
Air SCFM (70°F, 14.7 psia)				T			
Relative 1–10				D			
Features							
Alarm readiness				D			
G connections				blank			
NPT connections				N			
Grilamid flow tube, nitrile seals				blank			
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.

