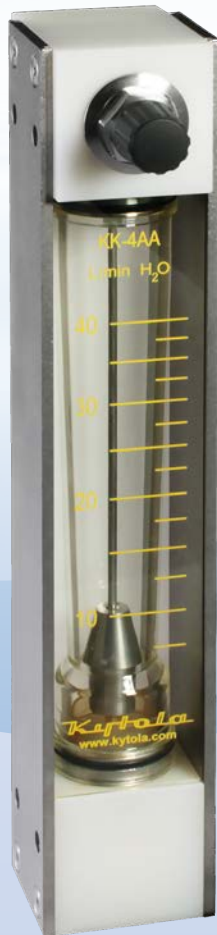


The KYTOLA® Variable Area Flow Meter Model K is a reliable instrument for measuring and monitoring of medium range flows of liquids and gases.



- For liquid or gas
- Large selection of materials
- Built-in flow adjustment valve
- Scales up to
30 USGPM (H₂O) or
105 SCFM (Air)
- Connections NPT or G 1"

ISO 9001 ISO 14001

FLOW METER K

FEATURES

Sturdy construction with protected flow tube

Stainless steel side plates

TYPICAL APPLICATIONS

Sealing water measurements for vacuum pumps

Lubrication oil measurements

Gas flow measurements

Flush water applications

OPTIONS

Scales for alternative liquids and gases

PES flow tube

Viton® or EPDM seals

Quick change flow tube

Low and/or high flow alarm

Model	KA/KEA	KH/KEH	KK/KEK
End blocks	Aluminium	AISI 316	Nylon
Max. pressure	440 psi (30 bar)	440 psi (30 bar)	290 psi (20 bar)
Max. temperature	175°F (80°C),*248°F (120°C)	175°F (80°C),*248°F (120°C)	175°F (80°C)
Weight	4.2 lbs (1.9 kg)	6.8 lbs (3.1 kg)	3.1 lbs (1.4 kg)
Valve housing	Aluminium	AISI 316	AISI 316
Side plates	AISI 316		
Valve spindle	AISI 316		
Flow tube	Grilamid (PA-12) (*PES)		
Connections	NPT 1" or G 1"		
Float	AISI 329		
Seals	Nitrile (*Viton®, EPDM)		
Accuracy	±5% F.S. H ₂ O, 70°F (+20°C)		

*Special construction on request

Quick change tube option



End Block Material

Aluminium (not for H ₂ O)	A
AISI 316	H
Nylon	K

Flow Range

H ₂ O USGPM	H ₂ O L/min	Air SCFM	Air NL/min	
2.0–11	7.5–40	7.5–45	200–1200	4A*
2.0–15	7.5–55	10–60	200–1600	4B*
3–17	10–65	10–70	200–1800	4C*
3–22	10–85	10–100	400–2600	4D*
2–30	10–120	10–105	400–2800	4E*

Scale

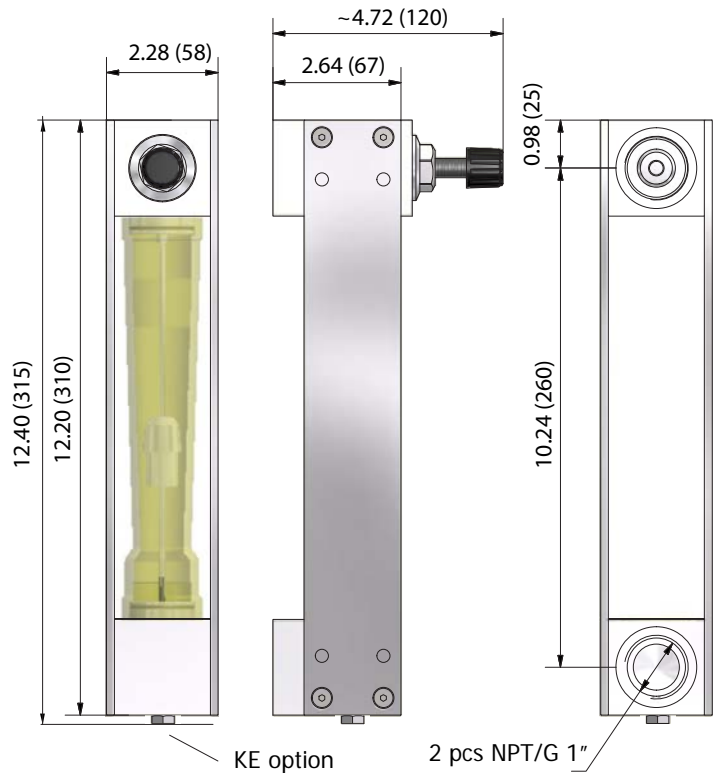
H ₂ O L/min (20°C)	A
H ₂ O USGPM (70°F)	G
Air NL/min (20°C/1.013 bar abs)	R
Air SCFM (70°F/14.7 psia)	T
Relative scale 0 – 10	D

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

* Air flow ranges (70°F/14.7 psia, 20°C/1.013 bar abs) for calibration purposes only



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

