



Model EK



Model E5K

Model E

Kytola® variable area flow meter E is made of clear acrylic. It is available in single-tube and multi-tube versions. Model E is equipped with a flow adjustment valve and also available in customized designs.

FEATURES

- Acrylic body
- Flow adjusting valve
- Several flow ranges
- Clear, easy to read scale

TYPICAL APPLICATIONS

- Water – and air purgings
- Gas measurements
- Liquid measurements
- CO₂-control in greenhouses

OPTIONS

- Scale for alternative liquids and gases
- Special scale markings
- Thread adapters
- Multi-tube version
- Viton® or EPDM seals



Model	EK	EH
Valve housing / plugs	Nylon	AISI 316
Weight	0.38 lb	0.44 lb
Body	Acrylic	Acrylic
Valve spindle	AISI 316	
Seals	Nitrile (Viton®, EPDM)*	*special construction on request
Max. temperature	167°F	
Max. pressure	290 psi (440 psi @ 85°F)	
Accuracy	± 5 % F.S. (H ₂ O @ 70°F)	
Connections	BSP 1/4", Thread adapters must be used for NPT-connections	

E	-	-	-
K			
H			

Valve housing / plug material

Nylon
AISI 316

H₂O flow range Air flow range

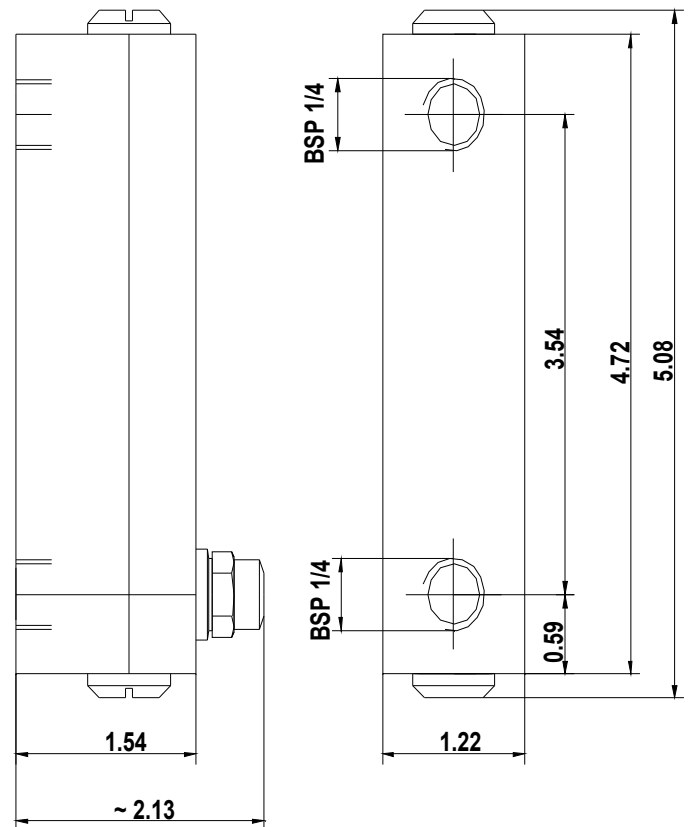
2K	0.02 - 0.26 USG/h	0.2 - 2 SCF/h
2L	0.05 - 0.5 USG/h	0.2 - 2.8 SCF/h
2M	0.1 - 0.85 USG/h	0.5 - 4 SCF/h
2N	0.2 - 1.4 USG/h	1 - 6 SCF/h
3K	0.1 - 1.8 USG/h	1 - 13 SCF/h
3L	0.2 - 3 USG/h	1 - 16 SCF/h
3M	0.5 - 5 USG/h	2 - 20 SCF/h
3N	0.5 - 7 USG/h	2.5 - 27.5 SCF/h
4B	-	5 - 45 SCF/h
4A	1 - 18 USG/h	5 - 85 SCF/h
5E	5 - 25 USG/h	20 - 100 SCF/h
5S	-	10 - 160 SCF/h
5F	-	40 - 200 SCF/h

Scale labels

A	H ₂ O scale l/min or ml/min
N	H ₂ O scale USG/h (70°F)
L	Dual scale USG/h H ₂ O, SCF/h air
R	Air scale NI/min
V	Air scale SCF/h (70°F, 14.7 psia)
D	Relative scale 1-10

Special feature

H	Hand knob in valve
V	Viton® seals



Adapters (2 are required)

ZADR1/4NK Nylon 1/4" BSP x 1/4" NPT
 ZADR1/4N3/8K Nylon 1/4" BSP x 3/8" NPT
 ZADR1/4NH AISI316 1/4" BSP x 1/4" NPT
 ZADR1/4N3/8H AISI316 1/4" BSP x 3/8" NPT

(inch)