



Model A



Model C



Model D

Model A, C, D

Variable area flow meter models A, C, and D are clear, easy to read acrylic flow meters. They are reliable instruments for measuring and monitoring liquid and gas flows.

FEATURES

- Machined acrylic body
- Clear, easy to read scale

TYPICAL APPLICATIONS

- Water treatment
- Sealing water measurements
- Gas flow measurements

OPTIONS

- Scale for alternative liquids and gases
- Special scale markings
- Thread adapters



Model A

Body	Acrylic (PMMA)
Max. temperature	167°F
Max. pressure	290 psi (440 psi @ 85°F)
Accuracy	± 5 % F.S. (H ₂ O @ 70°F)
Connections	BSP 3/8", Thread adapters must be used for NPT-connections
Dimensions	5.12" x 1.46" x 1.46"
Weight	0.42 lb

A -

H₂O flow range

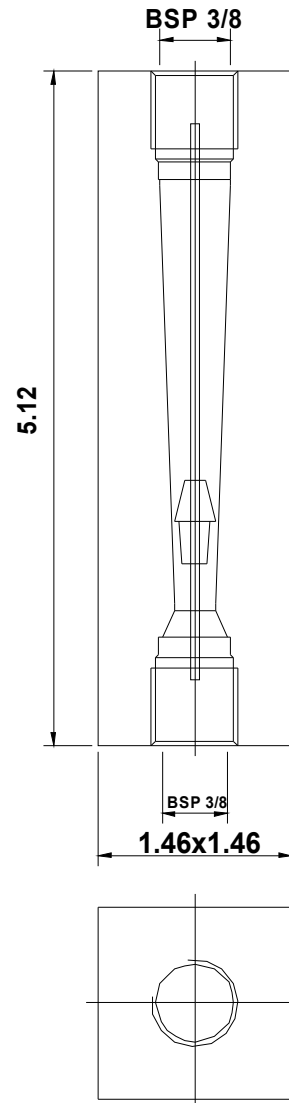
2K	0.04 - 0.3 USG/h
2A	0.05 - 0.55 USG/h
2B	0.1 - 0.95 USG/h
2C	0.2 - 1.5 USG/h
3K	0.2 - 2.0 USG/h
3A	0.25 - 3.5 USG/h
3B	0.5 - 5.5 USG/h
3C	0.5 - 8.5 USG/h
8M	0.03 - 0.3 USG/min
8P	0.05 - 0.5 USG/min
8S	0.05 - 0.65 USG/min
8R	0.1 - 0.8 USG/min
5A	0.1 - 1.4 USG/min
8D	0.2 - 1.7 USG/min

Special labels

A	H ₂ O l/min (ml/min for 2K-2C)
G	H ₂ O USG/min (70°F)
N	H ₂ O USG/h (70°F)
D	Relative scale 0-10
R	Air NI/min
T	Air SCF/min
V	Air SCF/h

Adapters (2 are required)

ZADR3/8N1/4K	Nylon 3/8" BSP x 1/4" NPT
ZADR3/8NK	Nylon 3/8" BSP x 3/8" NPT
ZADR3/8N1/2K	Nylon 3/8" BSP x 1/2" NPT
ZADR3/8N1/4H	AISI316 3/8" BSP x 1/4" NPT
ZADR3/8NH	AISI316 3/8" BSP x 3/8" NPT
ZADR3/8N1/2H	AISI316 3/8" BSP x 1/2" NPT



(inch)

2004-08-13

Kytola
INSTRUMENTS

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Model C

Body	Acrylic (PMMA)
Max. temperature	167°F
Max. pressure	290 psi (440 psi @ 85°F)
Accuracy	± 5 % F.S. (H ₂ O @ 70°F)
Connections	BSP 3/4", Thread adapters must be used for NPT-connections
Dimensions	6.5" x 2.13" x 2.13" (165 x 54 x 54)
Weight	1.12 lbs

C -

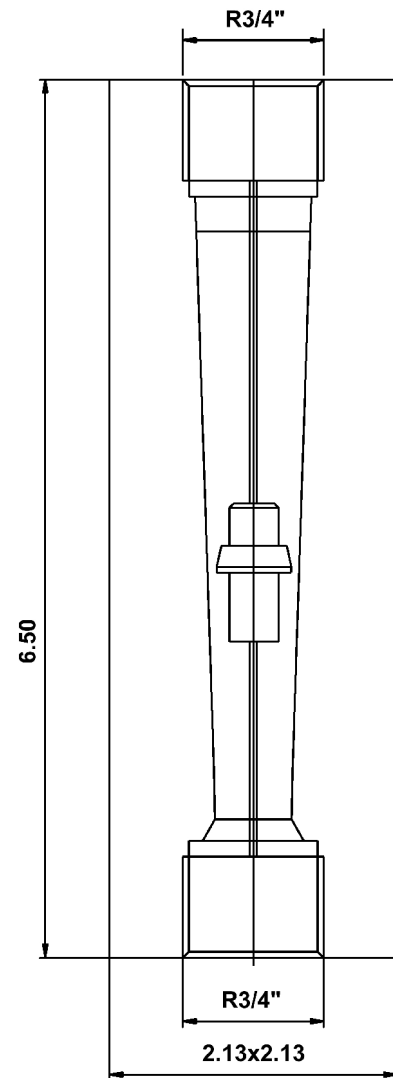
	H₂O flow range	Air flow range
4A	0.1 - 1.2USG/min	0.5 - 7.5 SCF/min
4B	0.3 - 2.2USG/min	1.0 - 9 SCF/min
4C	0.4 - 2.6USG/min	1.0 - 12 SCF/min
4D	0.5 - 4 USG/min	3.0 - 17 SCF/min
4E	0.5 - 5.5USG/min	2.0 - 24 SCF/min
4F	1.0 - 8.5 USG/min	4.0 - 36 SCF/min

Scale labels

- A H₂O l/min (20°C)
- G H₂O USG/min
- N H₂O USG/h
- D Relative scale 0-10
- R Air NI/min (20°C, 101.3 kPa)
- T Air SCF/min
- V Air SCF/h

Adapters (2 are required)

- ZADR3/4N1/2K Nylon 3/4" BSP x 1/2" NPT
- ZADR3/4NK Nylon 3/4" BSP x 3/4" NPT
- ZADR3/4N1K Nylon 3/4" BSP x 1" NPT
- ZADR3/4N1/2H AISI316 3/4" BSP x 1/2" NPT
- ZADR3/4NH AISI316 3/4" BSP x 3/4" NPT
- ZADR3/4N1H AISI316 3/4" BSP x 1" NPT



(inch)



Model D

Body	Acrylic (PMMA)
Max. temperature	167°F
Max. pressure	290 psi (440 psi @ 85°F)
Accuracy	± 5 % F.S. (H ₂ O @ 70°F)
Connections	BSP 1", Thread adapters must be used for NPT-connections
Dimensions	8.28" x 2.13" x 2.13"
Weight	1.38 lbs

D -

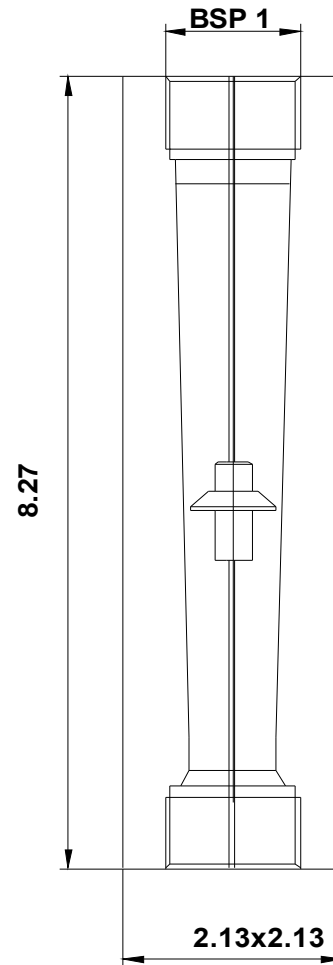
	H₂O flow range	Air flow range
4A	2 - 10 USG/min	7.5 - 42.5 SCF/min
4B	2 - 14 USG/min	10 - 55 SCF/min
4C	2 - 15 USG/min	10 - 57.5 SCF/min
4D	2 - 20 USG/min	10 - 80 SCF/min
4E	2 - 28 USG/min	-

Scale labels

A	H ₂ O l/min
G	H ₂ O USG/min (70°F)
D	Relative scale 1-10
R	Air NI/min
T	Air SCF/min

Adapters (2 are required)

ZADR1N3/4K Nylon	1" BSP x ¾" NPT
ZADR1NK Nylon	1" BSP x 1" NPT
ZADR1N11/4K Nylon	1" BSP x 1¼" NPT
ZADR1N3/4H AISI316	1" BSP x ¾" NPT
ZADR1NH AISI316	1" BSP x 1" NPT
ZADR1N11/4H AISI316	1" BSP x 1¼" NPT



(inch)