

The KYTOLA® variable area flow meter model A is a clear, easy to read acrylic flow meter.

It is a reliable instrument for measuring and monitoring liquid and gas flows.



- For liquid or gas
- Flow rate water up to 1.7 USGPM (6.5 L/min)
- Flow rate air up to 8.5 SCFM (220 NL/min)
- Maximum pressure 290 psi (20 bar)
- Maximum temperature 167°F (75°C)

FLOW METER A

FEATURES

- Machined acrylic body
- Clear, easy to read scales

TYPICAL APPLICATIONS

- Water treatment
- Sealing water measurements
- Gas flow measurements

OPTIONS

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

Model	A
Connections	BSP 3/8", thread adapters must be used for NPT connections
Body	Acrylic (PMMA)
Max. pressure	290 psi (20 bar), 440 psi/85°F (30 bar/30°C)
Max. temperature	167°F (75°C)
Weight	6.7 oz (190 g)
Accuracy	±5% F.S. (H ₂ O, +70°F)

Flow Range				A-
H ₂ O USGPH	H ₂ O L/min	Air SCFH	Air NL/min	
0.04 – 0.3	2 – 20 mL/min	0.2 – 2	0.1 – 0.9	2K
0.05 – 0.55	4 – 34 mL/min	0.2 – 3	0.1 – 1.3	2A
0.1 – 0.95	5 – 60 mL/min	0.75 – 4.5	0.2 – 2	2B
0.2 – 1.5	10 – 95 mL/min	1.5 – 6	0.4 – 2.8	2C
0.2 – 2.0	0.01 – 0.13	1 – 14	0.5 – 6.5	3K
0.25 – 3.5	0.02 – 0.22	2 – 18	0.5 – 8	3A
0.5 – 5.5	0.02 – 0.36	4 – 26	1 – 11	3B
0.5 – 8.5	0.05 – 0.5	7.5 – 32.5	1 – 14	3C
H ₂ O USGPM	H ₂ O L/min	Air SCFM	Air NL/min	
0.025 – 0.3	0.1 – 1.1	0.2 – 1.2	4 – 30	8M
0.05 – 0.5	0.2 – 1.8	0.2 – 2	5 – 50	8P
0.05 – 0.65	0.2 – 2.6	0.2 – 2.8	5 – 75	8S
0.1 – 0.8	0.25 – 3	0.5 – 3.5	10 – 90	8R
0.1 – 1.4	0.5 – 5	0.5 – 5.5	10 – 150	5A
0.2 – 1.7	0.5 – 6.5	1 – 8.5	20 – 220	8D

Scale

H₂O scale L/min (20°C)
 H₂O scale USGPM (70°F)
 H₂O scale USGPH (70°F)
 Air NL/min (20°C, 101.3 kPa)
 Air scale SCFM (70°F, 14.7 psia)
 Air SCFH (70°F, 14.7 psia)
 Relative scale 0–10

A
G
N
R
T
V
D

NPT Adapters (two 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

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

