

The KYTOLA® variable area flow meter model D 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 28 USGPM (100 L/min)
- Flow rate air up to 100 SCFM (2500 NL/min)
- Maximum pressure 290 psi (20 bar)
- Maximum temperature 167°F (75°C)

ISO 9001 ISO 14001

## FLOW METER D

### 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

D

Connections	G 1", thread adapters must be used for NPT connections
Body	Acrylic (PMMA)
Max. pressure	290 psi (20 bar) up to max temperature 440 psi at 85°F (30 bar at 30°C)
Max. temperature	165°F (75°C)
Weight	1.4 lb (620 g)
Accuracy	±5% F.S. (H <sub>2</sub> O, +70°F)

D- 

## Flow Range

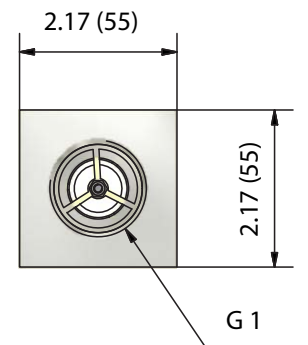
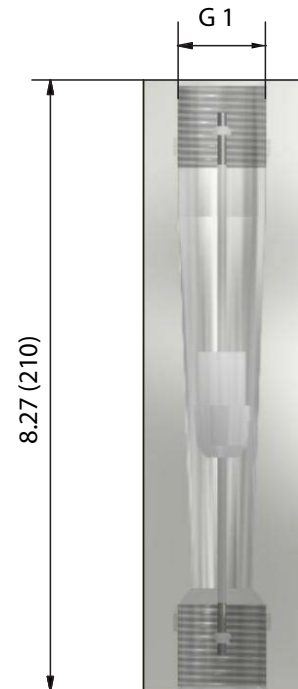
H <sub>2</sub> O USGPM	H <sub>2</sub> O L/min	Air SCFM	Air NL/min	
2 – 10	7.5 – 40	7.5 – 42.5	200 – 1100	4A
2 – 14	7.5 – 50	10 – 55	200 – 1400	4B
2 – 15	10 – 60	10 – 57.5	300 – 1500	4C
2 – 20	10 – 80	10 – 80	300 – 2100	4D
4 – 28	10 – 100	10 – 100	500 – 2500	4E

## Scale

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

## NPT Adapters (two required)

ZADR1N3/4K	Nylon	1" G x 3/4" NPT
ZADR1NK	Nylon	1" G x 1" NPT
ZADR1N11/4K	Nylon	1" G x 1 1/4" NPT
ZADR1N3/4H	AISI316	1" G x 3/4" NPT
ZADR1NH	AISI316	1" G x 1" NPT
ZADR1N11/4H	AISI316	1" G x 1 1/4" NPT



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

**Kytola**  
INSTRUMENTS

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