

The KYTOLA® variable area flow meter model C 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 8.5 USGPM (30 L/min)
- Flow rate air up to 36 SCFM (1000 NL/min)
- Maximum pressure 290 psi (20 bar)
- Maximum temperature 167°F (75°C)

## FLOW METER C

### 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

<b>Model</b>	<b>C</b>
Connections	BSP 3/4", 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	1.12 lb (510 g)
Accuracy	±5% F.S. (H <sub>2</sub> O, +70°F)

**Flow Range**

H <sub>2</sub> O USGPM	H <sub>2</sub> O L/min	Air SCFM	Air NL/min	
0.1 – 1.2	0.5 – 5	0.5 – 7.5	20 – 200	<b>4A</b>
0.3 – 2.2	1 – 8.5	1 – 9	25 – 250	<b>4B</b>
0.4 – 2.6	1 – 10	1 – 12	25 – 300	<b>4C</b>
0.5 – 4.0	2 – 16	3 – 17	75 – 450	<b>4D</b>
0.5 – 5.5	2 – 20	2 – 24	50 – 600	<b>4E</b>
1 – 8.5	5 – 30	4 – 36	100 – 1000	<b>4F</b>

**Scale**

H<sub>2</sub>O scale L/min (20°C)  
H<sub>2</sub>O scale USGPM (70°F)  
H<sub>2</sub>O 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)**

ZADR3/4N1/2K – 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

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

