

## VARIABLE AREA FLOW METER

### Z-400 SERIES - ACRYLIC PLASTIC ROTAMETER

Flow Measurement

& Monitoring



#### DESCRIPTION

The Z-400 series rotameters utilize a float and tapered tube design. As a result, the rotameter has longer, more linear scales and better pointer stability. It is precision-machined from durable acrylic plastic body material, highly polished to a clear finish. Silk screened printing direct reading dual scale enables measuring in both GPM and LPM. The rotameter comes with an option of PP or stainless steel threaded connection.

#### FEATURES

- ✓ Easy to read silkscreened scale
- ✓ Injection molded for liquid
- ✓ Simple and robust design with high operational safety
- ✓ Low pressure drop
- ✓ Easy to assemble
- ✓ Economical inline rotameter

#### TECHNICAL FEATURES

<b>Measuring Range</b>	Min: 1 L/Min Max: 800 L/Min
<b>Float Material</b>	SS304
<b>Tube Material</b>	Acrylic Plastic AS
<b>Connection Material</b>	PP / SS304
<b>Guiding Rod</b>	SS304
<b>O-ring</b>	Silicone rubber / Nitrile rubber
<b>Pressure</b>	Max 6 Bar
<b>Temperature</b>	Max 55°C
<b>Accuracy</b>	±6% M.V
<b>Mounting Position</b>	Vertical, flow from bottom to top
<b>Connection</b>	Female BSP thread (standard) Male BSP thread (Z-4006 only)

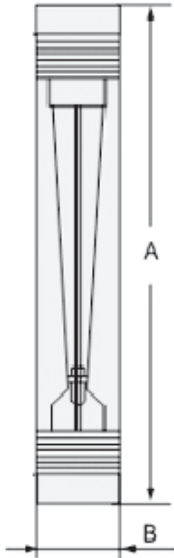
I-SYSTEM MEASUREMENT  
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09-2021 I-SYSTEM 109040

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**DIMENSION/DRAWING**



	Z-4001	Z-4002	Z-4003	Z-4004	Z-4005	Z-4006	Z-4007	Z-4008	Z-4009
A (mm)	210	210	278	265	265	306	345	345	345
B (mm)	32	32	45	51	51	51	75	75	75

Model	Measuring Range			Thread (BSP)
	GPM	LPM	LPH (Optional)	
Z-4001	0.2 - 2	1 - 7	50 - 400	½" Female
Z-4002	0.5 - 5	1.8 - 18	100 - 1000	½" Female
Z-4003	1 - 10	4 - 36	250 - 2000	¾" Female
Z-4004	2 - 20	10 - 70	500 - 4000	1" Female
Z-4005	5 - 30	20 - 110	1000 - 6000	1" Female
Z-4006	20 - 60	80 - 220	4000 - 13000	1 ½" Male
Z-4007	30 - 110	100 - 400	6000 - 25000	2" Female
Z-4008	50 - 150	180 - 600	12000 - 35000	2" Female
Z-4009	60 - 200	200 - 800	10000 - 50000	2" Female

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