



## ACRYLIC BODY LOWFLOW ROTAMETER

ACRYLIC Rotameter is basically a variable area flow meter. The differential pressure across the annulus area is constant and the Flow rate is measured as a function of the position of annulus area. This area is displayed as the position of the 'Float' in terms of flow rate on the scale.

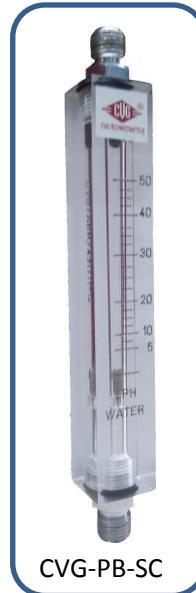
It is mainly used for water / salt water, air, nitrogen, hydrogen, natural gas. The acrylic body integral machined cut in acrylic body from imported transparent acrylic blocks sheets

### Preparation of the instrument for installation :

The end fittings and metering tube should be inspected to make sure that they are free of any foreign matter and if necessary, should be cleaned with a tube brush or a soft swab on the end of a wooden dowel. Remove tape and/or protective coating from metering float, and inspect its surface for burrs or scratches. All parts of the meter should be inspected visually for assurance meter will function properly

### Specification :

Meter Body	Acrylic
Float	SS-316, SS-304 PTFE, PVC
Wetted Parts	SS-316, SS-304 SS, PTFE, PVC & PP
O-Rings	Neoprene, PTFE, Silicon, Viton
Scale	Engraved on body
Temp. Rating	70 C°
Connection	Threaded BSP/NPT Male or Female
Full Scale	10:1
Repeatability	0.5%
Rengeability	10:1



CVG-PB-SC



CVG-PB-V

## Standard Features :

Easy to Maintain and replace  
Suitable for in line installation  
Heavy Duty Design With Full Visibility  
Solid Acrylic Block  
Accuracy : +/- 2% of full scale  
Test Pressure - 10 Kg / cm<sup>2</sup>  
Linear scale

### FLOW RATE :

#### FOR AIR OR GASES

Minimum Range : 50 to 500 MI/Min.

Maximum Range : 15 to 150 LPM

#### FOR WATER OR LIQUIDS

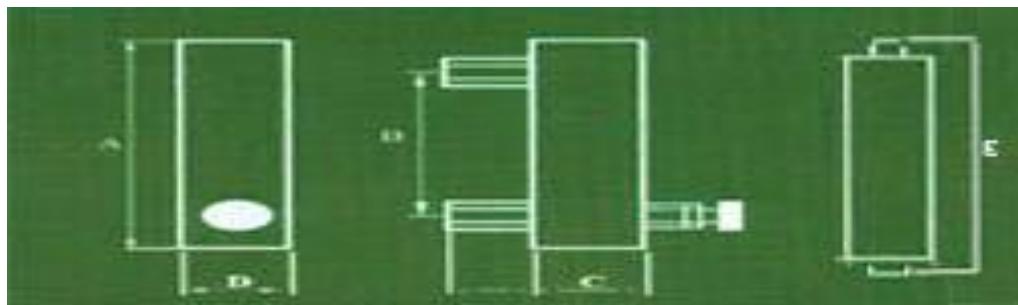
Minimum Range : 10 to 100 CC/Min.

Maximum Range : 1 to 10 LPM

## Mounting :

Wall Mounting, Front of Panel Mounting with help of screwed mounting lugs, Direct Mounting.

## Dimensions :



Model CVG-PB-SC CVG-PB-V	A	B	C	D	E	STD Conn.
100	100	56	25	25	140	1/4 "
125	125	81	25	25	165	1/4 "
150	150	106	25	25	190	1/4 "
200	200	156	32	32	250	1/2 "
250	250	200	35	35	300	1/2 "

**Note : All size are in mm.**

**C V G  
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