

FLOWMETER EV SERIES



Capacity (GPM): Water 100GPM/Air 4500GPM (view models specification)

Material: Stainless steel, bronze and polycarbonate or polysulphone

Warranty: 1 year

SPECIFICATIONS

WORKING PRINCIPLE

A flow meter is a device used to measure the flow rate or quantity of a gas or liquid moving through a pipe. Flow measurement applications are very diverse and each situation has its own constraints and engineering requirements. A positive displacement meter may be compared to a bucket and a stopwatch. The stopwatch is started when the flow starts, and stopped when the bucket reaches its limit. The volume divided by the time gives the flow rate. For continuous measurements, we need a system of continually filling and emptying buckets to divide the flow without letting it out of the pipe. These continuously forming and collapsing volumetric displacements may take the form of pistons reciprocating in cylinders, gear teeth mating against the internal wall of a meter or through a progressive cavity created by rotating oval gears or a helical screw.

APPLICATION

A flow meter is an instrument used to measure linear, nonlinear, mass or volumetric flow rate of a liquid or a gas. In that way can be used inside any industry that has to check all parameters into the process as how many product is feeding, example are all the chemistry industries, at the purification of water are used very common.

FEATURES

Multiple application

Resist pressure under 150psi and high temperature

Resistant high vibration and dust

Easy lecture

Model	Measure Range				Thread	Material
	Water 20°C		Air 101325 Pa°C			
	GPM	LPM	GPM	LPM		
EV	0.5-5	2-20			$\frac{1}{2}$ " NPT, BSPT, BSP (M,F) $\frac{3}{4}$ " NPT, BSPT, BSP (M,F) 1" NPT, BSPT, BSP (F)	BRASS SS 316 PVC
15	1-7	4-26	80-320	5-20		
20	1-10	4-35	160-480	10-30		
25	1-16	5-60	240-720	15-45		
	1-18	15-65	320-1100	20-70		
	4-28	20-100				
EV	3-25	15-90	250-1500	15-95	$1 \frac{1}{2}$ " 2" NPT, BSPT, BSP	
40	5-50	20-200	350-2200	20-140		
50	8-80	30-280	450-4500	25-275		
	10-100	40-380				