

ECONOMICAL FLOW METERS

For Measuring Water in a Closed Pipe System



FL-30000 Series



Optional

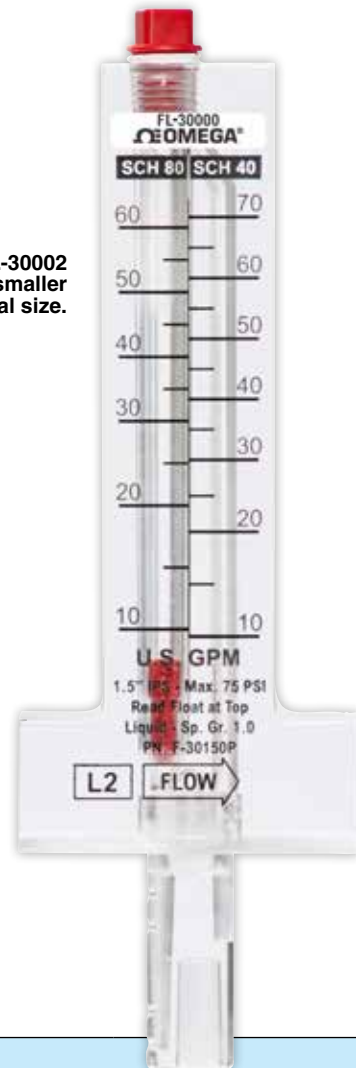
- ✓ Direct-Reading Scales
- ✓ Impact Resistant Machined Acrylic Body
- ✓ Wear- and Corrosion-Resistant 316 SS Floats
- ✓ 1 to 8" Pipe or Copper Tube Connection

FL-30000 Series flow meters use a pitot tube pickup and a hard-edged float design to provide a convenient and economical means of measuring water flow in a closed pipe system. A one-piece, impact-resistant machined acrylic body offers the strength and long service required in most commercial and industrial applications. The low-flow rate models are ideal for applications in which flow rates are typically low, such as in solar-heated pools and spas, electronics, and irrigation.

SPECIFICATIONS

Accuracy: 10% of FS
Float: 316 SS, standard PVDF (FL-30002 and FL-30004)
Meter Body Construction: Acrylic
Temperature Limit: 88°C (190°F) at 0 psi
Pressure Limit: 75 psi at 21°C (70°F)
Pressure Drop: 0 psi
Capacity: 5 to 1900 GPM (20 to 7200 LPM)
Mounting: Horizontal pipe
Piping Connection: 1 to 8" schedule 40 pipe or 1 to 8" OD copper tube size, depending on model ordered
Weight: 0.45 kg (1 lb)
Pipe Diameters Required: 10 upstream, 5 downstream

FL-30002 shown smaller than actual size.



To Order

Model No.	Left Range	Right Range	Pipe Size (inch)	L x W x H mm (inch)
FL-30001	5 to 35 GPM	20 to 140 LPM	1	64 x 25 x 152 (2.5 x 1 x 6)
FL-30002	10 to 60 GPM*	10 to 70 GPM*	1½	
FL-30002-T	10 to 70 GPM	50 to 250 LPM	1½	
FL-30004	15 to 100 GPM*	20 to 120 GPM*	2	
FL-30004-T	20 to 110 GPM	75 to 425 LPM	2	
FL-30006	60 to 240 GPM	225 to 900 LPM	2½	
FL-30006-T	60 to 240 GPM	225 to 900 LPM	2½	
FL-30007	80 to 300 GPM	300 to 1125 LPM	3	
FL-30007-T	80 to 300 GPM	300 to 1125 LPM	3	
FL-30008	40 to 140 GPM	160 to 520 LPM	3	
FL-30008-T	40 to 140 GPM	160 to 520 LPM	3	
FL-30009	125 to 500 GPM	550 to 2000 LPM	4	
FL-30009-T	125 to 500 GPM	550 to 2000 LPM	4	
FL-30010	250 to 1050 GPM	900 to 3900 LPM	6	
FL-30010-T	250 to 1050 GPM	900 to 3900 LPM	6	
FL-30011	500 to 1900 GPM	2000 to 7200 LPM	8	
FL-30011-T	500 to 1900 GPM	2000 to 7200 LPM	8	

*FL-30002 and FL-30004 are dual scale for sch 40 and SCH 80 pipe in GPM only.

For 5-point NIST calibration add suffix "-NIST" to model number for additional cost.

Comes complete with operator's manual.

Ordering Examples: FL-30004-T, flow meter for use with copper tubing, 20 to 110 GPM (75 to 425 LPM) range, 2" pipe size.

FL-30008, flow meter 40 to 140 GPM (160 to 520 LPM) 3" pipe size.