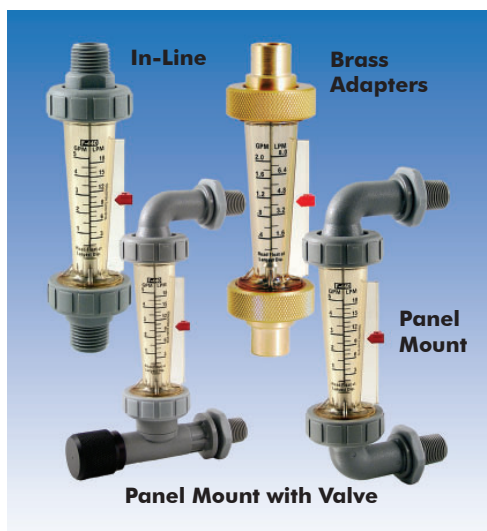


POLYSULFONE FLOW METERS



These compact, durable units are injection molded of heat and chemical resistant Polysulfone.

They feature Quik Loc (half union) connectors that couple the meter body to the pipe connectors at each end of the flow meter.

6B01 FEATURES

- ✓ Tough Polysulfone Meter Body Resists High Temperatures and Pressures.
- ✓ Compact Size for Tight Installation Spaces.
- ✓ Easy to Read Direct Reading Dual Scale (GPM/LPM)
2" (50mm) Scale Length Approximate.
- ✓ In-Line or Panel Mount Configurations Available.
- ✓ Optional Integral Flow Adjustment Valve.
- ✓ Standard Models #316 Stainless Steel Guide Rods (Optional Hastelloy® C-276 Available).
- ✓ Standard Models #316 Stainless Steel, PTFE Float (Optional Hastelloy® C-276 Available).
- ✓ Union Connections for Easy Installation and Maintenance.
- ✓ Not Recommended for Direct Sunlight Applications.

SPECIFICATIONS FOR 6B01

FULL SCALE ACCURACY: +/- 4%.
MAXIMUM WORKING PRESSURE: 175 psig (12 bar) @ 70 °F (21 °C).
MAXIMUM FLUID TEMPERATURE: STANDARD UNITS: 212 °F (100 °C) @ 0 PSI.
 UNITS WITH BRASS: 240 °F (115 °C) @ 0 PSI.
MAXIMUM PRESSURE DROP: 2 psi.
METER BODY MATERIAL: Polysulfone.
ADAPTER MATERIAL: Polysulfone (Optional Brass).
FLOAT: 316 SS, PVDF or PTFE.
GUIDE ROD MATERIAL: 316 SS (Varies per Model).
O-RING SEALS: FKM.
CALIBRATION FLUID: Water, Specific Gravity 1.0.
APPROX. SHIPPING WEIGHT: 0.5 lb (0.23 kg).

The selection of materials of construction, is the responsibility of the customer. The company accepts no liability.

TABLE 1, MODEL 6B01 IN-LINE FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
GPM/LPM of WATER				
6B0100-01C	3/8" MNPT	0.025-0.250 GPM, 0.1-1.0 LPM	PVDF	6 3/16"
6B0100-01D	1/2" MNPT			
6B0100-02C	3/8" MNPT	0.1-1.0 GPM, 0.4-4.0 LPM	316 SS	
6B0100-02D	1/2" MNPT			
6B0100-03C	3/8" MNPT	0.2-2.0 GPM, 0.8-8.0 LPM		
6B0100-03D	1/2" MNPT			
6B0100-04C	3/8" MNPT	0.5-5.0 GPM, 1.8-18.0 LPM		
6B0100-04D	1/2" MNPT			
6B0100-05D	1/2" MNPT	1.0-10 GPM, 5.0-37.5 LPM	316 SS	7 1/2"
6B0100-05E	3/4" MNPT			
GPH / LPH of WATER				
6B0100-06C	3/8" MNPT	3.0-30 GPH, 10-110 LPH	PTFE	6 3/16"
6B0100-06D	1/2" MNPT			
6B0100-07C	3/8" MNPT	5.0-60 GPH, 20-220 LPH	316 SS	
6B0100-07D	1/2" MNPT			

TABLE 1-1, MODEL 6B01 PANEL MOUNT FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT CENTER-CENTER
GPM/LPM of WATER				
6B0101-01C	3/8" MNPT	0.025-0.250 GPM, 0.1-1.0 LPM	PVDF	5-15/16"
6B0101-01D	1/2" MNPT			
6B0101-02C	3/8" MNPT	0.1-1.0 GPM, 0.4-4.0 LPM	316 SS	
6B0101-02D	1/2" MNPT			
6B0101-03C	3/8" MNPT	0.2 - 2.0 GPM, 0.8-8.0 LPM		
6B0101-03D	1/2" MNPT			
6B0101-04C	3/8" MNPT	0.5-5.0 GPM, 1.8-18 LPM		
6B0101-04D	1/2" MNPT			
6B0101-05D	1/2" MNPT	1.0-10 GPM, 5.0-37.5 LPM	316 SS	6-13/16"
6B0101-05E	3/4" MNPT			
GPH / LPH of WATER				
6B0101-06C	3/8" MNPT	3.0-30 GPH, 10-110 LPH	PTFE	5-15/16"
6B0101-06D	1/2" MNPT			
6B0101-07C	3/8" MNPT	5.0-60 GPH, 20-220 LPH	316 SS	
6B0101-07D	1/2" MNPT			

TABLE 1-2, MODEL 6B01 PANEL MOUNT FLOW METERS WITH ADJUSTABLE NEEDLE VALVE

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT CENTER-CENTER
GPM/LPM of WATER				
6B0102-01C	3/8" MNPT	0.025-0.250 GPM, 0.1-1.0 LPM	PVDF	6"
6B0102-01D	1/2" MNPT			
6B0102-02C	3/8" MNPT	0.1-1.0 GPM, 0.4-4.0 LPM	316 SS	
6B0102-02D	1/2" MNPT			
6B0102-03C	3/8" MNPT	0.2-2.0 GPM, 0.8-8.0 LPM		
6B0102-03D	1/2" MNPT			
6B0102-04C	3/8" MNPT	0.5-5.0 GPM, 1.8-18 LPM		
6B0102-04D	1/2" MNPT			
6B0102-05D	1/2" MNPT	1.0-10 GPM, 5.0-37.5 LPM	316 SS	6 13/16"
6B0102-05E	3/4" MNPT			
GPH / LPH of WATER				
6B0102-06C	3/8" MNPT	3.0 - 30 GPH, 10-110 LPH	PTFE	6"
6B0102-06D	1/2" MNPT			
6B0102-07C	3/8" MNPT	5.0 - 60 GPH, 20-220 LPH	316 SS	
6B0102-07D	1/2" MNPT			

TABLE 1-3, MODEL 6B01 IN-LINE FLOW METERS WITH BRASS ADAPTERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
GPM / LPM of WATER				
6B0103-01C	3/8" FNPT	0.1-1.0 GPM, 0.4-4.0 LPM	316 SS	6 3/16"
6B0103-01D	1/2" MNPT			
6B0103-02C	3/8" FNPT	0.2-2.0 GPM, 0.8-8.0 LPM		
6B0103-02D	1/2" MNPT			
6B0103-03C	3/8" FNPT	0.5-5.0 GPM, 1.8-18 LPM		
6B0103-03D	1/2" MNPT			
6B0103-04E	3/4" MNPT	1.0-10 GPM, 5.0-37.5 LPM		7 1/2"
GPH / LPH of WATER				
6B0103-05C	3/8" FNPT	3.0-30 GPH, 10-110 LPH	PTFE	6 3/16"
6B0103-05D	1/2" MNPT			
6B0103-06C	3/8" FNPT	5.0-60 GPH, 20-220 LPH	316 SS	
6B0103-06D	1/2" MNPT			