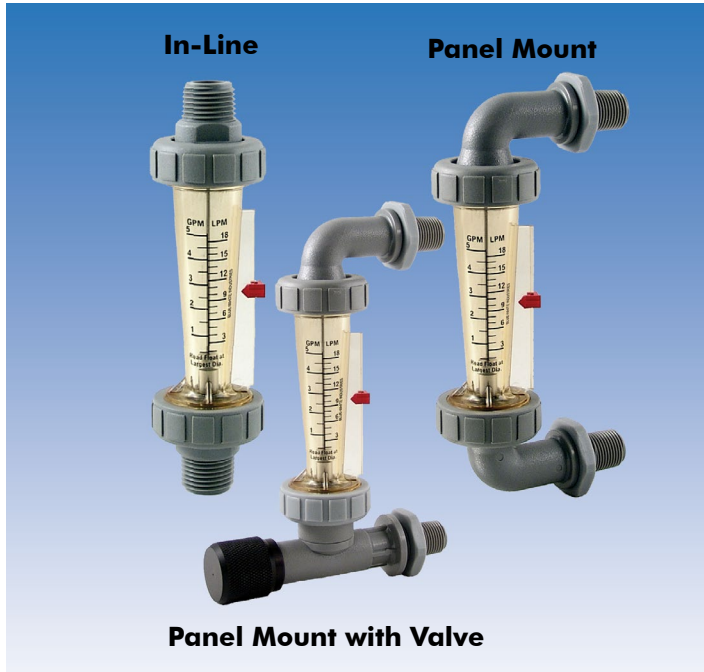


# POLYSULFONE FLOW METERS

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.
- ✓ COVI 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.
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	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		
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	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			

## 6B02 FEATURES

- ✓ Economical.
- ✓ Tough Polysulfone Meter Body Resists High.
- ✓ Temperatures and Pressures.
- ✓ Easy to Read Direct Reading Dual Scale (GPM/LPM).
- ✓ Larger Size for Easier Reading 4" (100mm) 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 or PTFE Floats. (Optional Hastelloy® C-276 Available).
- ✓ Union Connections for Easy Installation and Maintenance.
- ✓ Not Recommended for Direct Sunlight Applications.

### SPECIFICATIONS FOR 6B02

**FULL SCALE ACCURACY:** +/- 4%.  
**MAXIMUM WORKING PRESSURE:** 175 psig (12.3 bar) @ 70 °F (21 °C).  
**MAXIMUM FLUID TEMPERATURE:**  
 STANDARD UNITS: 212 °F (100 °C) @ 0 PSI.  
**MAXIMUM PRESSURE DROP:** 2 PSI.  
**METER BODY MATERIAL:** Polysulfone.  
**ADAPTER MATERIAL:** Polysulfone.  
**GUIDE ROD MATERIAL:** 316 SS.  
**FLOAT:** 316 SS or PTFE (Varies by Model).  
**O-RING SEALS:** FKM.  
**CALIBRATION FLUID:** Water, Specific Gravity 1.0.  
**APPROX. SHIPPING WEIGHT:** 0.5 lb (.23 kg).



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

TABLE 2, MODEL 6B02 IN-LINE FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0200-01C	3/8" FNPT	0.1-1.0 GPM, 0.4-4.0 LPM	PTFE	8 3/8"
6B0200-01D	1/2" MNPT			8 7/8"
6B0200-02C	3/8" FNPT	0.2-2.0 GPM, 1.0-7.5 LPM	316 SS	8 3/8"
6B0200-02D	1/2" MNPT			8 7/8"
6B0200-03C	3/8" FNPT	0.5-5.0 GPM, 2.0-20 LPM		8 3/8"
6B0200-03D	1/2" MNPT			8 7/8"
6B0200-03E	3/4" MNPT			9 3/8"
6B0200-04E	3/4" MNPT	1.0-10 GPM, 4.0-40 LPM		10"

TABLE 2-1, MODEL 6B02 PANEL MOUNT FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT CENTER - CENTER
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0201-01C	3/8" FNPT	0.1-1.0 GPM, 0.4-4.0 LPM	PTFE	8 9/16"
6B0201-01D	1/2" MNPT			
6B0201-02C	3/8" FNPT	0.2-2.0 GPM, 1.0-7.5 LPM	316 SS	
6B0201-02D	1/2" MNPT			
6B0201-03C	3/8" FNPT	0.5-5.0 GPM, 2.0-20 LPM		
6B0201-03D	1/2" MNPT			
6B0201-03E	3/4" MNPT			
6B0201-04E	3/4" MNPT	1.0-10 GPM, 4.0-40 LPM		9 3/16"

**Longer Scale for Easy Reading**

6B02 series flow meters are available with an integral, adjustable flow control, needle metering valve.

**Series 6B02 Adjustable Valve, In-Line and Brass Adapter**

The 6B02 series flow meters offer a tough injection molded Polysulfone meter body, corrosion and wear resistant internal parts, easy to read silk screened scales, good accuracy and repeatability and an excellent price!

TABLE 2-2, MODEL 6B02 PANEL MOUNT FLOW METERS WITH ADJUSTABLE VALVE

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT CENTER - CENTER
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0202-01C	3/8" FNPT	0.1-1.0 GPM, 0.4-4.0 LPM	PTFE	8 9/16"
6B0202-01D	1/2" MNPT			
6B0202-02C	3/8" FNPT	0.2-2.0 GPM, 1.0-7.5 LPM	316 SS	
6B0202-02D	1/2" MNPT			
6B0202-03C	3/8" FNPT	0.5-5.0 GPM, 2.0-20 LPM		
6B0202-03D	1/2" MNPT			
6B0202-03E	3/4" MNPT			
6B0202-04E	3/4" MNPT	1.0-10 GPM, 4.0-40 LPM		9 3/16"

# POLYSULFONE FLOW METERS



**In-Line Series  
Flow Meter**

## The 6B03

High Volume In-line series flow meters offer excellent accuracy and repeatability, combined with a durable injection molded Polysulfone meter body and connectors and #316 Stainless Steel internal parts.

Half unions couple the meter body to the connectors at each end of the flow meter.

This configuration facilitates both installation and maintenance.

**It's tough to beat  
the quality  
and economy  
of the 6B03 series  
Flow Meter**

## 6B03 FEATURES

- ✓ Economical.
- ✓ Tough Polysulfone Meter Body Resists High Temperatures Pressures.
- ✓ Easy to Read Direct Reading Dual Scale (GPM/LPM).
- ✓ In-Line or Panel Mount Configurations Available. 1" and 1-1/2" FNPT
- ✓ Adapters with In-line Units, 1" MNPT Adapters with Panel Mount Units.
- ✓ Standard Models #316 Stainless Steel Guide Rods. (Optional Hastelloy® C-276 Available).
- ✓ Standard Models #316 Stainless Steel or PTFE Floats (Optional Hastelloy® C-276 Available).
- ✓ Not Recommended for Direct Sunlight Applications.

## SPECIFICATIONS FOR 6B03

**FULL SCALE ACCURACY:** ±3%.  
**MAXIMUM WORKING PRESSURE:** 150 psig (10.3 bar) @ 70 °F (21 °C).  
**MAXIMUM FLUID TEMPERATURE:**  
 UNITS WITH 1" POLYSULFONE ADAPTERS: 212 °F (100 °C) @ 0 PSI.  
 UNITS WITH 1-1/2" PVC ADAPTERS: 130 °F (54 °C) @ 0 PSI.  
**MAXIMUM PRESSURE DROP:** 2 PSI.  
**METER BODY MATERIAL:** Polysulfone.  
**ADAPTER MATERIAL:** Standard Models: 1" Pipe: Polysulfone.  
 1-1/2" Pipe: PVC.  
**GUIDE ROD MATERIAL:** 316 SS (Optional: Hastelloy C-276).  
**FLOAT:** 316 SS OR PTFE (Varies by Model).  
**O-RING SEALS:** FKM.  
**CALIBRATION FLUID:** Water, Specific Gravity 1.0.  
**APPROX. SHIPPING WEIGHT:** 3.0 LBS. (1.36 KG).

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

**TABLE 3, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0300-01F	1" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	14 1/2"
6B0300-02F	1" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0300-03F	1" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0300-04F	1" FNPT	3.0-30 GPM, 10-110 LPM		
6B0300-05F	1" FNPT	4.0-40 GPM, 15-155 LPM		

**TABLE 3-1, MODEL 6B03 HIGH VOLUME PANEL MOUNT FLOW METERS**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT CENTER - CENTER
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0301-01F	1" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	15"
6B0301-02F	1" MNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0301-03F	1" MNPT	2.0-20 GPM, 6.0-76 LPM		
6B0301-04F	1" MNPT	3.0-30 GPM, 10-110 LPM		
6B0301-05F	1" MNPT	4.0-40 GPM, 15-155 LPM		

**TABLE 3-2, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS WITH POLYCARBONATE SHIELD**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0303-01F	1" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	14 1/2
6B0303-02F	1" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0303-03F	1" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0303-04F	1" FNPT	3.0-30 GPM, 10-110 LPM		
6B0303-05F	1" FNPT	4.0-40 GPM, 15-155 LPM		

**TABLE 3-3, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS EQUIPPED WITH 1-1/2" PVC ADAPTERS**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0305-01H	1 1/2" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	14-1/2"
6B0305-02H	1 1/2" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0305-03H	1 1/2" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0305-04H	1 1/2" FNPT	3.0-30 GPM, 10-110 LPM		
6B0305-05H	1 1/2" FNPT	4.0-40 GPM, 15-155 LPM		

**TABLE 3-4, MODEL 6B03 HIGH VOLUME IN-LINE FLOW METERS EQUIPPED WITH 1-1/2" PVC ADAPTERS AND POLYCARBONATE SHIELD**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0306-01H	1 1/2" FNPT	0.5-6.0 GPM, 2.0-22 LPM	PTFE	14-1/2"
6B0306-02H	1 1/2" FNPT	1.0-10 GPM, 4.0-40 LPM	316 SS	
6B0306-03H	1 1/2" FNPT	2.0-20 GPM, 6.0-76 LPM		
6B0306-04H	1 1/2" FNPT	3.0-30 GPM, 10-110 LPM		
6B0306-05H	1 1/2" FNPT	4.0-40 GPM, 15-155 LPM		

## High Volume In-Line Flow Meter

For high volume flow measurements at low pressure losses, injection molded Hi-low "In-line" flow meters offers features of glass and metal flow meters at a fraction of their cost. These uniquely designed flow meters incorporate 2" FNPT connections, convenient "half unions" that couple the meter body to the connections, #316 stainless steel internal parts and FKM O-rings. Hi-Flow flow meters render excellent accuracies and repeatability and are virtually maintenance free.

### 6B04 FEATURES

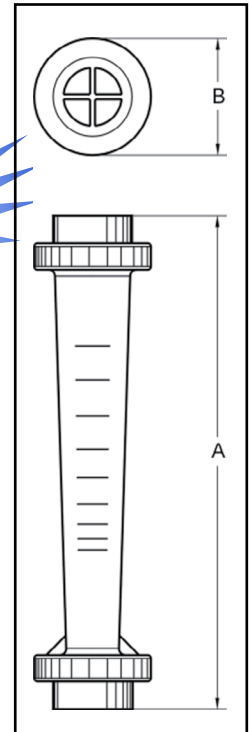
- ✓ Polysulfone Meter Body Resists High Temperatures and Pressures.
- ✓ Easy to Read Direct Reading Dual Scales (GPM/LPM).
- ✓ Scale Length: 8" (200mm).
- ✓ Adapters and Unions Engineered for Increased Protection from Misalignment and Vibration.
- ✓ Standard Models #316 Stainless Steel Guide Rods (Optional Hastelloy® C-276 Available).
- ✓ Standard Models #316 Stainless Steel or PTFE Floats (Optional Hastelloy® C-276 Available).
- ✓ Very Low Pressure Drop.
- ✓ Optional Polycarbonate Splash Shield.
- ✓ Not Recommended for Direct Sunlight Applications.

### RECENT ENHANCEMENTS

- ✓ Increased Thread Count.
- ✓ Larger Half Union.
- ✓ Longer Scale Length.
- ✓ 15% Increased Pressure Rating.
- ✓ 33% Increased Temperature Rating.

**New Design**

**Better Protection Against Misalignment and Vibration**



6B04 Dimensional Chart

Letter	6B04	6B04 w/Shield
A	18-7/8"	18-7/8"
B	4-5/8"	4-5/8"

### SPECIFICATIONS FOR 6B04

FULL SCALE ACCURACY:	±2%.
MAX. WORKING PRESSURE:	150 PSIG (10.3 BAR) @ 70 °F (21 °C).
MAX. FLUID TEMPERATURE:	200 °F (93.3 °C) @ 0 PSI.
MAXIMUM PRESSURE DROP:	2 PSI.
METER BODY MATERIAL:	Polysulfone.
ADAPTERS MATERIAL:	Polysulfone.
FLOAT:	316 SS or PTFE (Varies per Model).
UNION NUTS:	Fiber Reinforced Nylon (Non-Wetted).
GUIDE ROD HOLDER:	Polysulfone.
GUIDE ROD MATERIAL:	316 SS (Hastelloy® C-276 Optional).
FLOAT:	316 SS or PTFE (Varies by model).
O-RING SEALS:	FKM (EPDM Optional).
CALIBRATION FLUID:	Water, Specific Gravity 1.0.
APPROX. SHIPPING WEIGHT:	5 lbs. (2.27 KG).



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



TABLE 4, MODEL 6B04 HIGH VOLUME IN-LINE FLOW METERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0400-01I	2" FNPT	2.0-20 GPM, 8.0-78 LPM	PTFE	18 7/8"
6B0400-02I	2" FNPT	6.0-60 GPM, 30-230 LPM	316 SS	
6B0400-03I	2" FNPT	8.0-80 GPM, 40-300 LPM		
6B0400-04I	2" FNPT	6.0-100 GPM, 20-380 LPM		
6B0400-05I	2" FNPT	20-130 GPM, 80-500 LPM		
6B0400-06I	2" FNPT	25-175 GPM, 100-675 LPM		

TABLE 4-1, MODEL 6B04 HIGH VOLUME IN-LINE FLOW METERS WITH POLYCARBONATE SHIELD

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B0402-01I	2" FNPT	2.0-20 GPM, 8.0-78 LPM	PTFE	18 7/8"
6B0402-02I	2" FNPT	6.0-60 GPM, 30-230 LPM	316 SS	
6B0402-03I	2" FNPT	8.0-80 GPM, 40-300 LPM		
6B0402-04I	2" FNPT	6.0-100 GPM, 20-380 LPM		
6B0402-05I	2" FNPT	20-130 GPM, 80-500 LPM		
6B0402-06I	2" FNPT	25-175 GPM, 100-675 LPM		



# POLYSULFONE FLOW METERS

## Ideal For Corrosive Environments

The **6B05** series flow meter's rib guided polysulfone contains no metal in the fluid path. This makes the flow meter desirable in highly corrosive environments or deionized water applications.

### 6B05 AND 6B06 FEATURES

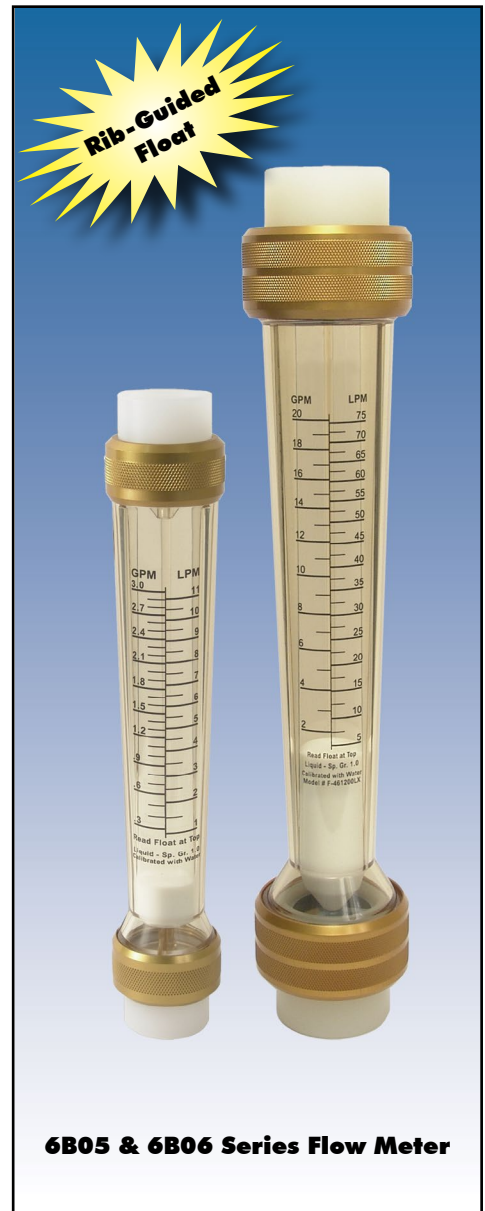
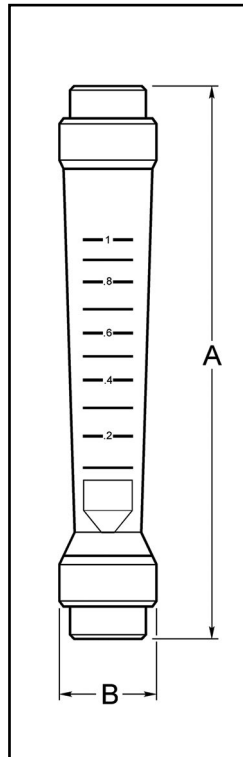
- ✓ Tough Polysulfone Meter Body Resists High Temperatures and Pressures.
- ✓ No Metal in Fluid Path.
- ✓ Easy to Read Direct Reading Dual Scales (GPM/LPM).  
6B05 Scale Length: 4" (100mm).  
6B06 Scale Length: 5" (127mm).
- ✓ Ideal for Corrosive Environments such as Deionized Water Applications where Plastic Meters are Desirable.
- ✓ PTFE Float and Optional Polysulfone, Polypropylene or PVDF Adapters for Corrosive Applications.
- ✓ Very Low Pressure Drop.
- ✓ Not Recommended for Direct Sunlight Applications.

TABLE 5, MODEL **6B05** FOR LIQUID  
EQUIPPED WITH **FNPT PVC & PVDF ADAPTERS**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT
PVC ADAPTERS			
6B0500-01D	1/2" FNPT	0.1-1.2 GPM, 0.4-4.4 LPM	PTFE
6B0500-01E	3/4" FNPT	0.1-1.2 GPM, 0.4-4.4 LPM	
6B0500-02D	1/2" FNPT	0.2-2.0 GPM, 0.8-8.0 LPM	
6B0500-02E	3/4" FNPT	0.2-2.0 GPM, 0.8-8.0 LPM	
6B0500-03D	1/2" FNPT	0.3-3.0 GPM, 1.0-11 LPM	
6B0500-03E	3/4" FNPT	0.3-3.0 GPM, 1.0-11 LPM	
6B0500-04D	1/2" FNPT	0.5-5.0 GPM, 2.0-20 LPM	
6B0500-04E	3/4" FNPT	0.5-5.0 GPM, 2.0-20 LPM	
PVDF ADAPTERS			
6B0501-01D	1/2" FNPT	0.1-1.2 GPM, 0.4-4.4 LPM	PTFE
6B0501-01E	3/4" FNPT	0.1-1.2 GPM, 0.4-4.4 LPM	
6B0501-02D	1/2" FNPT	0.2-2.0 GPM, 0.8-8.0 LPM	
6B0501-02E	3/4" FNPT	0.2-2.0 GPM, 0.8-8.0 LPM	
6B0501-03D	1/2" FNPT	0.3-3.0 GPM, 1.0-11 LPM	
6B0501-03E	3/4" FNPT	0.3-3.0 GPM, 1.0-11 LPM	
6B0501-04D	1/2" FNPT	0.5-5.0 GPM, 2.0-20 LPM	
6B0501-04E	3/4" FNPT	0.5-5.0 GPM, 2.0-20 LPM	

TABLE 5-1, MODEL **6B06** FOR LIQUID  
EQUIPPED WITH **1" FNPT PVC & PVDF ADAPTERS**

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT
PVC ADAPTERS			
6B0600-01F	1" FNPT	1.0-10 GPM, 4.0-40 LPM	PTFE
6B0600-02F	1" FNPT	2.0-20 GPM, 5.0-75 LPM	
6B0600-03F	1" FNPT	3.0-35 GPM, 12-130 LPM	
PVDF ADAPTERS			
6B0601-01F	1" FNPT	1.0-10 GPM, 4.0-40 LPM	PTFE
6B0601-02F	1" FNPT	2.0-20 GPM, 5.0-75 LPM	
6B0601-03F	1" FNPT	3.0-35 GPM, 12-130 LPM	



**6B05 & 6B06 Series Flow Meter**

6B05 and 6B06 Dimensional Chart

Letter	6B05	6B06
A	10"	15"
B	1-3/4"	2-3/4"

### SPECIFICATIONS FOR 6B05 AND 6B06

<b>FULL SCALE ACCURACY:</b>	±2.5%.
<b>MAXIMUM WORKING PRESSURE:</b>	150 PSIG (10.3 BAR) @ 70 °F (21 °C).
<b>MAXIMUM FLUID TEMPERATURE:</b>	PVC ADAPTERS: 130 °F (54 °C) @ 0 PSI. POLYSULFONE ADAPTERS: 150 °F (65 °C) @ 0 PSI. PVDF ADAPTERS: 210 °F (98 °C) @ 0 PSI.
<b>MAXIMUM PRESSURE DROP:</b>	2 PSI.
<b>METER BODY MATERIAL:</b>	Polysulfone.
<b>ADAPTER MATERIAL:</b>	PVC. <b>OPTIONAL:</b> Polypropylene & PVDF.
<b>O-RING SEALS:</b>	FKM. <b>OPTIONAL:</b> EP Available.
<b>CALIBRATION FLUID:</b>	Water, Specific Gravity 1.0.
<b>APPROXIMATE SHIPPING WEIGHT:</b>	<b>6B05:</b> 1 LBS. (.45 KG.) <b>6B06:</b> 3 LBS. (1.4 KG.)



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

## 6B07 FEATURES

- ✓ Tough Polysulfone Meter Body Resists High Temperatures and Pressures.
- ✓ Precisely Engineered Float Guide Ribs.
- ✓ No Metal in Fluid Path.
- ✓ Easy to Read Direct Reading Dual Scales (GPM/LPM).
- ✓ Scale Length: 8" (200mm).
- ✓ Ideal for Corrosive Environments such as Deionized
- ✓ Water or Applications where Plastic Meters are Desirable.
- ✓ PTFE Float and Optional Polysulfone, Polypropylene or PVDF Adapters for Corrosive Applications.
- ✓ Very Low Pressure Drop.
- ✓ Not Recommended for Direct Sunlight Applications.

TABLE 6, MODEL 6B07 FOR LIQUID WITH 2" FNPT ADAPTERS				
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
6B0700-01I	2" FNPT	2.0-20 GPM, 8.0-80 LPM	PTFE	18 7/8"
6B0700-02I		5.0-50 GPM, 20-200 LPM		
6B0700-03I		8.0-80 GPM, 30-300 LPM		

TABLE 6-1, MODEL 6B07 FOR LIQUID WITH 2" FNPT ADAPTERS WITH POLYCARBONATE SHIELD				
MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
6B0703-01I	2" FNPT	2.0-20 GPM, 8.0-80 LPM	PTFE	18 7/8"
6B0703-02I		5.0-50 GPM, 20-200 LPM		
6B0703-03I		8.0-80 GPM, 30-300 LPM		

### SPECIFICATIONS FOR 6B07

FULL SCALE ACCURACY:	±2.5%.
MAXIMUM WORKING PRESSURE:	150 PSIG (10.3 BAR) @ 70 °F (21 °C).
MAXIMUM FLUID TEMPERATURE:	150 °F (65 °C) @ 0 PSI.
MAXIMUM PRESSURE DROP:	2 PSI.
METER BODY MATERIAL:	Polysulfone.
ADAPTER MATERIAL:	Polysulfone
	OPTIONAL: Polypropylene & PVDF.
O-RING SEALS:	FKM.
	OPTIONAL: EP Available.
CALIBRATION FLUID:	Water, Specific Gravity 1.0.
APPROX. SHIPPING WEIGHT:	5 lbs. (2.27 KG).



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**Series 6B07**