

# POLYSULFONE FLOW METERS

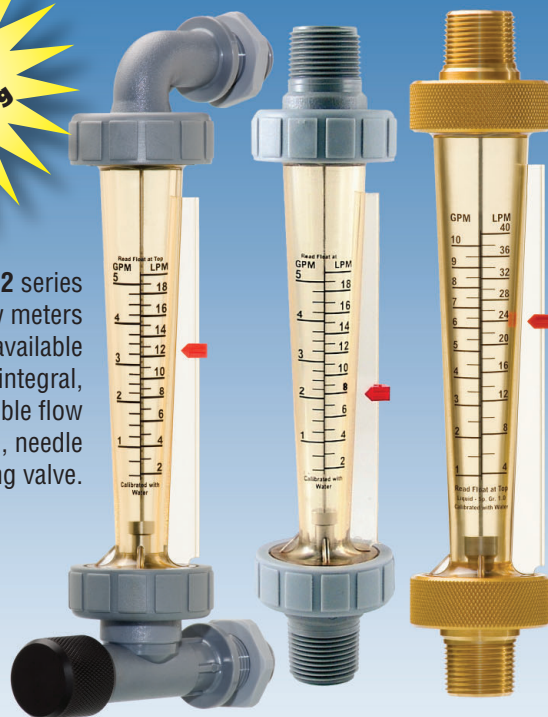
## 6B02 FEATURES

- ✓ 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.

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!



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



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

### SPECIFICATIONS FOR 6B02

<b>FULL SCALE ACCURACY:</b>	+/- 4%.
<b>MAXIMUM WORKING PRESSURE:</b>	175 psig (12.3 bar) @ 70 °F (21 °C).
<b>MAXIMUM FLUID TEMPERATURE:</b>	
STANDARD UNITS:	212 °F (100 °C) @ 0 PSI.
UNITS WITH BRASS:	240 °F (115 °C) @ 0 PSI.
<b>MAXIMUM PRESSURE DROP:</b>	2 PSI.
<b>METER BODY MATERIAL:</b>	Polysulfone.
<b>ADAPTER MATERIAL:</b>	Polysulfone (Optional Brass).
<b>GUIDE ROD MATERIAL:</b>	316 SS.
<b>FLOAT:</b>	316 SS or PTFE (Varies by Model).
<b>O-RING SEALS:</b>	FKM.
<b>CALIBRATION FLUID:</b>	Water, Specific Gravity 1.0.
<b>APPROX. SHIPPING WEIGHT:</b>	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
<b>STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)</b>				
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	316 SS	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
<b>STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)</b>				
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	316 SS	
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"

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

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT CENTER-CENTER
<b>STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)</b>				
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	316 SS	
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"

TABLE 2-3, MODEL 6B02 IN-LINE FLOW METERS WITH BRASS ADAPTERS

MODEL NO.	ADAPTER SIZE	FLOW RANGE	FLOAT	HEIGHT
<b>STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)</b>				
6B0203-01D	1/2" MNPT	0.1-1.0 GPM, 0.4- 4.0 LPM	PTFE	8 7/8"
6B0203-02D	1/2" MNPT	0.2-2.0 GPM, 1.0-7.5 LPM	316 SS	
6B0203-03D	1/2" MNPT	0.5- 5.0 GPM, 2.0-20 LPM		9 3/8"
6B0203-03E	3/4" MNPT			10"
6B0203-04E	3/4" MNPT	1.0-10 GPM, 4.0- 40 LPM		