ACRYLIC FLOW METERS

6B51 AND 6B61 FEATURES

- ✓ Tough Machined Acrylic Meter Body, Highly Polished Clear Finish. ✓ 6B61: 1-1/2" or 2" FNPT Adapters.
- ✓ Easy to Read Direct Reading Dual Scale (GPM/LPM).

Scale Length: 4" (100mm) for 6B41.

Scale Length: 5" (127mm) for 6B42 and 6B43.

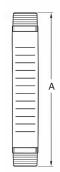
✓ White Back Reflector for Easy Reading.

- ✓ **6B51:** 1" F/NPT or 1-1/2" MNPT Adapters.
- ✓ High Grade FKM O-Rings Seals.
- ✓ Standard Models #316 Stainless Steel or PVC Float (Optional Hastelloy® C-276).
- ✓ Standard Models #316 Stainless Steel Float Guide Rods (Optional Hastelloy® C-276).
- ✓ Acceptable in Direct Sunlight Applications.



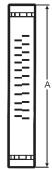
Series 6B51





Series 6B61





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Dimensional Chart 6B51 and 6B61				
Letter	6B51	6B61		
Α	12"	14"		
В	2"	3"		

SPECIFICATIONS FOR 6B51 AND 6B61

FULL SCALE ACCURACY:

MAXIMUM WORKING PRESSURE: 130 psig (8.9 bar) @ 70 °F (21 °C).

MAXIMUM FLUID TEMPERATURE: 130 °F (54 °C) @ 0 PSI.

MAXIMUM PRESSURE DROP: 2 PSI.

METER BODY MATERIAL: Cast Acrylic Rod.

ADAPTER MATERIAL: PVC. **O-RING SEALS:** FKM. **GUIDE ROD HOLDER:** Polysulfone.

GUIDE ROD: 316 SS (Optional Hastelloy). **CALIBRATION FLUID:** Water, Specific Gravity 1.0.

APPROXIMATE SHIPPING WEIGHT: 6B51 2 lbs. (.91 KG). 6B61 6 lbs. (2.7 KG).



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

TABLE 14-1, MODEL 6B51 HIGH VOLUME IN-LINE ACRYLIC FLOW METERS WITH PVC ADAPTERS AND HASTELLOY FLOATS				
MODEL NO.	ADAPTER Size	FLOW RANGE	FLOAT	HEIGHT
ST	ANDARD MODE	LS FOR LIQUID (GPM/LPM o	f WATER)	
6B5101-01F	1" FNPT	5.0-25 GPM, 20-100 LPM 8.0-40 GPM, 30-150 LPM		
6B5101-01H	1 1/2" MNPT			
6B5101-02F	1" FNPT		HASTELLOY	12"
6B5101-02H	1 1/2" MNPT		HASTELLUY	12
6B5101-03F	1" FNPT	10-50 GPM, 40-200 LPM		
6B5101-03H	1 1/2" MNPT			

TABLE 14-2,	TABLE 14-2, MODEL 6B61 HIGH CAPACITY ACRYLIC FLOW METERS					
MODEL NO.	ADAPTER Size	FLOW RANGE	FLOAT	HEIGHT		
ST	STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)					
6B6100-01H	1 1/2" FNPT	4.0-40 GPM, 15-150 LPM				
6B6100-01I	2" FNPT		240.00	14"		
6B6100-02H	1 1/2" FNPT	6.0-60 GPM, 20-230 LPM 8.0-80 GPM, 30-300 LPM				
6B6100-02I	2" FNPT					
6B6100-03H	1 1/2" FNPT		316 SS	14		
6B6100-03I	2" FNPT					
6B6100-04H	1 1/2" FNPT	20-100 GPM, 75-375 LPM				
6B6100-04I	2" FNPT					

TABLE 14-3, MODEL 6B61 HIGH CAPACITY ACRYLIC FLOW METERS WITH PVC ADAPTERS AND HASTELLOY FLOATS					
MODEL NO.	ADAPTER Size	FLOW RANGE	FLOAT	HEIGHT	
\$1	STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B6100-01H	1 1/2" FNPT	4.0-40 GPM. 15-150 LPM			
6B6100-01I	2" FNPT	4.0-40 GPW, 15-150 LPW			
6B6100-02H	1 1/2" FNPT	6.0-60 GPM, 20-230 LPM			
6B6100-02I	2" FNPT		LIACTELL OV	4.41	
6B6100-03H	1 1/2" FNPT	8.0-80 GPM, 30-300 LPM	HASTELLOY	14"	
6B6100-03I	2" FNPT				
6B6100-04H	1 1/2" FNPT	20-100 GPM, 75-375 LPM			
6B6100-04I	2" FNPT				

TABLE 14, MODEL 6B51 HIGH VOLUME IN-LINE ACRYLIC FLOW METERS				
MODEL NO.	ADAPTER Size	FLOW RANGE	FLOAT	HEIGHT
STANDARD MODELS FOR LIQUID (GPM/LPM of WATER)				
6B5100-01F	1" FNPT	5.0-25 GPM, 20-100 LPM		
6B5100-01H	1 1/2" MNPT			
6B5100-02F	1" FNPT	8.0-40 GPM, 30-150 LPM	316 SS	12"
6B5100-02H	1 1/2" MNPT		310 33	12
6B5100-03F	1" FNPT	10-50 GPM, 40-200 LPM		
6B5100-03H	1 1/2" MNPT			