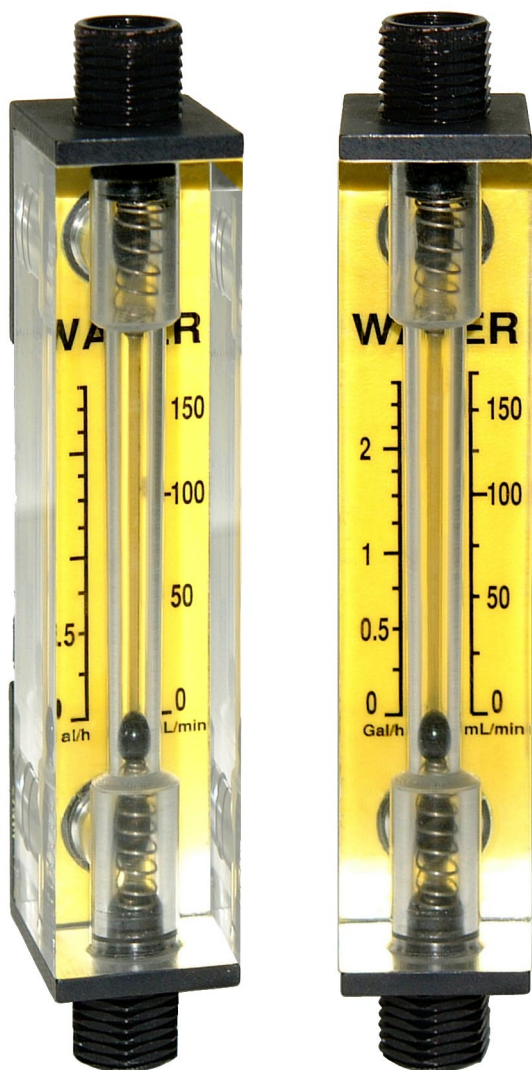


ACRYLIC FLOW METERS

6A01 FEATURES

- ✓ Easy to read English or metric scales.
- ✓ Interchangeable scales, for routine gases.
- ✓ Customer convertible panel to partial or full in-line mounted configurations.
- ✓ Panel mounting by means of hex nuts.
- ✓ Meters are offered with or without built-in low hysteresis needle valves.
- ✓ Easy disassembly and assembly for cleaning.



Superior Quality . . .



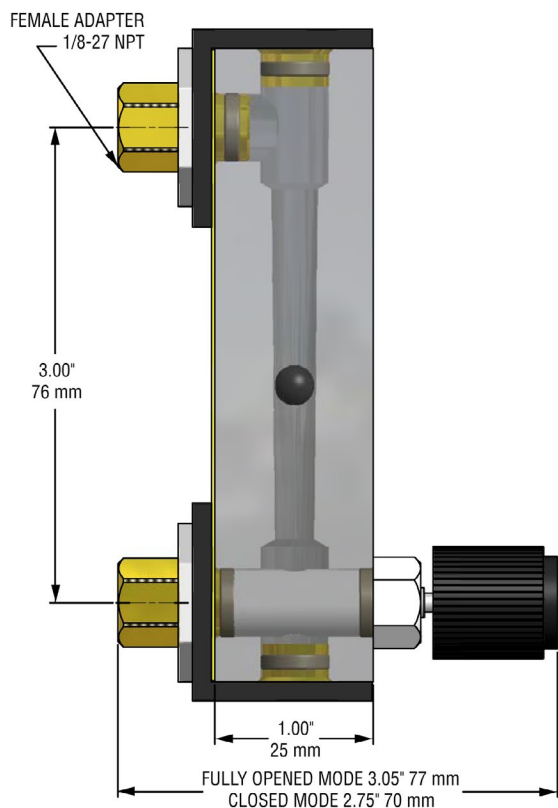
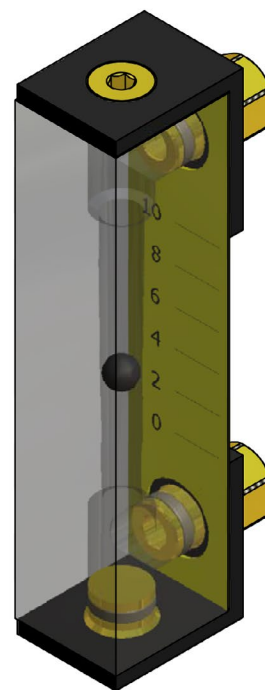
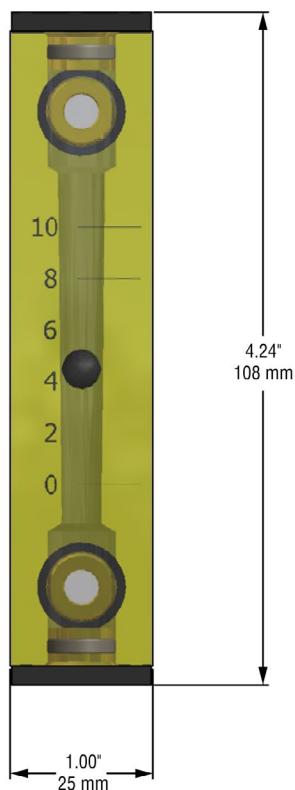
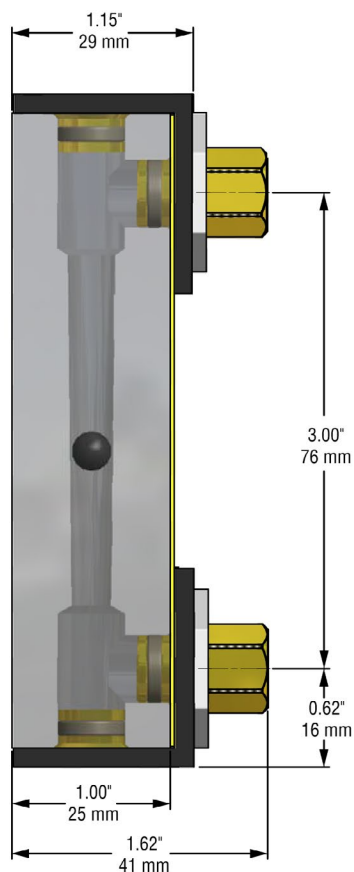
**Panel Mounting Meter with
Built In Needle Valve**

. . . Stable, Easy to Read Float

OPTIONAL PRODUCTS

FLOW METER KITS ARE AVAILABLE WITH DIRECT READING SCALES DISPLAYING:

AIR, WATER, ARGON, NITROGEN, HELIUM, CARBON DIOXIDE, AND OXYGEN IN BOTH ENGLISH AND METRIC UNITS.



SPECIFICATIONS 6A01

ACCURACY: $\pm 5\%$ of full scale reading.

MAXIMUM TEMPERATURE: 65 °C (150 °F).

MAXIMUM PRESSURE: 6.9 bars (100 PSIG).

METER BLOCK: Clear machined acrylic.

FLOAT MATERIALS: Black Glass, Stainless Steel, Tungsten Carbide.

O-RING SEALS: FKM.

FITTINGS: Brass or Stainless 1/8" NPT female connections, built-in needle valves and seal plugs.



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

ACRYLIC FLOW METERS

MODEL 6A01 AIR FLOW METERS WITH DIRECT READING SCALES

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-AB	BRASS	NO	1.4	2.8	GLASS
6A0101BV-AB		YES			
6A0101SN-AB	STAINLESS	NO	2.5	5.5	STAINLESS
6A0101SV-AB		YES			
6A0103BN-AB	BRASS	NO	3.5	7.0	CARBOLOY®
6A0103BV-AB		YES			
6A0103SN-AB	STAINLESS	NO	8.5	18.0	GLASS
6A0103SV-AB		YES			
6A0105BN-AB	BRASS	NO	16.0	32.5	STAINLESS
6A0105BV-AB		YES			
6A0105SN-AB	STAINLESS	NO	22.0	45.0	CARBOLOY®
6A0105SV-AB		YES			
6A0107BN-AB	BRASS	NO	50.0	100.0	STAINLESS
6A0107BV-AB		YES			
6A0107SN-AB	STAINLESS	NO			
6A0107SV-AB		YES			
6A0109BN-AB	BRASS	NO			
6A0109BV-AB		YES			
6A0109SN-AB	STAINLESS	NO			
6A0109SV-AB		YES			
6A0111BN-AB	BRASS	NO			
6A0111BV-AB		YES			
6A0111SN-AB	STAINLESS	NO			
6A0111SV-AB		YES			
6A0113BN-AB	BRASS	NO			
6A0113BV-AB		YES			
6A0113SN-AB	STAINLESS	NO			
6A0113SV-AB		YES			

MODEL 6A01 OXYGEN FLOW METERS WITH DIRECT READING SCALES

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-OB	BRASS	NO	1.1	2.5	GLASS
6A0101BV-OB		YES			
6A0101SN-OB	STAINLESS	NO	2.5	5.0	STAINLESS
6A0101SV-OB		YES			
6A0103BN-OB	BRASS	NO	3.5	7.0	CARBOLOY®
6A0103BV-OB		YES			
6A0103SN-OB	STAINLESS	NO	8.0	16.0	GLASS
6A0103SV-OB		YES			
6A0105BN-OB	BRASS	NO	15.0	30.0	STAINLESS
6A0105BV-OB		YES			
6A0105SN-OB	STAINLESS	NO	20.0	42.5	CARBOLOY®
6A0105SV-OB		YES			
6A0107BN-OB	BRASS	NO	45.0	90.0	STAINLESS
6A0107BV-OB		YES			
6A0107SN-OB	STAINLESS	NO			
6A0107SV-OB		YES			
6A0109BN-OB	BRASS	NO			
6A0109BV-OB		YES			
6A0109SN-OB	STAINLESS	NO			
6A0109SV-OB		YES			
6A0111BN-OB	BRASS	NO			
6A0111BV-OB		YES			
6A0111SN-OB	STAINLESS	NO			
6A0111SV-OB		YES			
6A0113BN-OB	BRASS	NO			
6A0113BV-OB		YES			
6A0113SN-OB	STAINLESS	NO			
6A0113SV-OB		YES			

MODEL 6A01 NITROGEN FLOW METERS WITH DIRECT READING SCALES

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-NC	BRASS	NO	1.3	2.75	GLASS
6A0101BV-NC		YES			
6A0101SN-NC	STAINLESS	NO	2.5	5.5	STAINLESS
6A0101SV-NC		YES			
6A0103BN-NC	BRASS	NO	3.5	7.5	CARBOLOY®
6A0103BV-NC		YES			
6A0103SN-NC	STAINLESS	NO	8.0	16.0	GLASS
6A0103SV-NC		YES			
6A0105BN-NC	BRASS	NO	16.0	32.5	STAINLESS
6A0105BV-NC		YES			
6A0105SN-NC	STAINLESS	NO	22.0	45.0	CARBOLOY®
6A0105SV-NC		YES			
6A0107BN-NC	BRASS	NO	45.0	100.0	STAINLESS
6A0107BV-NC		YES			
6A0107SN-NC	STAINLESS	NO			
6A0107SV-NC		YES			
6A0109BN-NC	BRASS	NO			
6A0109BV-NC		YES			
6A0109SN-NC	STAINLESS	NO			
6A0109SV-NC		YES			
6A0111BN-NC	BRASS	NO			
6A0111BV-NC		YES			
6A0111SN-NC	STAINLESS	NO			
6A0111SV-NC		YES			
6A0113BN-NC	BRASS	NO			
6A0113BV-NC		YES			
6A0113SN-NC	STAINLESS	NO			
6A0113SV-NC		YES			

MODEL 6A01 CARBON DIOXIDE FLOW METERS WITH DIRECT READING SCALES

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-CA	BRASS	NO	1.1	2.5	GLASS
6A0101BV-CA		YES			
6A0101SN-CA	STAINLESS	NO	2.0	5.0	STAINLESS
6A0101SV-CA		YES			
6A0103BN-CA	BRASS	NO	3.0	6.5	CARBOLOY®
6A0103BV-CA		YES			
6A0103SN-CA	STAINLESS	NO	7.0	15.0	GLASS
6A0103SV-CA		YES			
6A0105BN-CA	BRASS	NO	12.0	25.0	STAINLESS
6A0105BV-CA		YES			
6A0105SN-CA	STAINLESS	NO	18.0	37.5	CARBOLOY®
6A0105SV-CA		YES			
6A0107BN-CA	BRASS	NO	35.0	80.0	STAINLESS
6A0107BV-CA		YES			
6A0107SN-CA	STAINLESS	NO			
6A0107SV-CA		YES			
6A0109BN-CA	BRASS	NO			
6A0109BV-CA		YES			
6A0109SN-CA	STAINLESS	NO			
6A0109SV-CA		YES			
6A0111BN-CA	BRASS	NO			
6A0111BV-CA		YES			
6A0111SN-CA	STAINLESS	NO			
6A0111SV-CA		YES			
6A0113BN-CA	BRASS	NO			
6A0113BV-CA		YES			
6A0113SN-CA	STAINLESS	NO			
6A0113SV-CA		YES			

ACRYLIC FLOW METERS

MODEL 6A01 ARGON FLOW METERS WITH DIRECT READING SCALES

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-AE	BRASS	NO	1.0	2.0	GLASS
6A0101BV-AE		YES			
6A0101SN-AE	STAINLESS	NO			
6A0101SV-AE		YES			
6A0103BN-AE	BRASS	NO	2.0	5.0	STAINLESS
6A0103BV-AE		YES			
6A0103SN-AE	STAINLESS	NO			
6A0103SV-AE		YES			
6A0105BN-AE	BRASS	NO	3.0	6.5	CARBOLOY®
6A0105BV-AE		YES			
6A0105SN-AE	STAINLESS	NO			
6A0105SV-AE		YES			
6A0107BN-AE	BRASS	NO	7.0	15.0	GLASS
6A0107BV-AE		YES			
6A0107SN-AE	STAINLESS	NO			
6A0107SV-AE		YES			
6A0109BN-AE	BRASS	NO	13.0	26.0	STAINLESS
6A0109BV-AE		YES			
6A0109SN-AE	STAINLESS	NO			
6A0109SV-AE		YES			
6A0111BN-AE	BRASS	NO	18.0	37.5	CARBOLOY®
6A0111BV-AE		YES			
6A0111SN-AE	STAINLESS	NO			
6A0111SV-AE		YES			
6A0113BN-AE	BRASS	NO	40.0	80.0	STAINLESS
6A0113BV-AE		YES			
6A0113SN-AE	STAINLESS	NO			
6A0113SV-AE		YES			

MODEL 6A01 WATER FLOW METERS WITH DIRECT READING SCALES

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-WA	BRASS	NO	20.0	0.3	GLASS
6A0101BV-WA		YES			
6A0101SN-WA	STAINLESS	NO			
6A0101SV-WA		YES			
6A0103BN-WA	BRASS	NO	70.0	1.1	STAINLESS
6A0103BV-WA		YES			
6A0103SN-WA	STAINLESS	NO			
6A0103SV-WA		YES			
6A0105BN-WA	BRASS	NO	100.0	1.5	CARBOLOY®
6A0105BV-WA		YES			
6A0105SN-WA	STAINLESS	NO			
6A0105SV-WA		YES			
6A0107BN-WA	BRASS	NO	175.0	2.75	GLASS
6A0107BV-WA		YES			
6A0107SN-WA	STAINLESS	NO			
6A0107SV-WA		YES			
6A0109BN-WA	BRASS	NO	450.0	6.5	STAINLESS
6A0109BV-WA		YES			
6A0109SN-WA	STAINLESS	NO			
6A0109SV-WA		YES			
6A0111BN-WA	BRASS	NO	700.0	11.0	CARBOLOY®
6A0111BV-WA		YES			
6A0111SN-WA	STAINLESS	NO			
6A0111SV-WA		YES			
6A0113BN-WA	BRASS	NO	1400	22.0	STAINLESS
6A0113BV-WA		YES			
6A0113SN-WA	STAINLESS	NO			
6A0113SV-WA		YES			

MODEL 6A01 HELIUM FLOW METERS WITH DIRECT READING SCALES

MODEL NO.	FITTING MATERIAL	VALVE OPTION	DUAL SCALE		FLOAT MATERIAL
			sL/min	SCFH	
6A0101BN-HA	BRASS	NO	2.0	4.0	GLASS
6A0101BV-HA		YES			
6A0101SN-HA	STAINLESS	NO			
6A0101SV-HA		YES			
6A0103BN-HA	BRASS	NO	5.0	10.0	STAINLESS
6A0103BV-HA		YES			
6A0103SN-HA	STAINLESS	NO			
6A0103SV-HA		YES			
6A0105BN-HA	BRASS	NO	8.0	17.0	CARBOLOY®
6A0105BV-HA		YES			
6A0105SN-HA	STAINLESS	NO			
6A0105SV-HA		YES			
6A0107BN-HA	BRASS	NO	18.0	40.0	GLASS
6A0107BV-HA		YES			
6A0107SN-HA	STAINLESS	NO			
6A0107SV-HA		YES			
6A0109BN-HA	BRASS	NO	35.0	70.0	STAINLESS
6A0109BV-HA		YES			
6A0109SN-HA	STAINLESS	NO			
6A0109SV-HA		YES			
6A0111BN-HA	BRASS	NO	55.0	110.0	CARBOLOY®
6A0111BV-HA		YES			
6A0111SN-HA	STAINLESS	NO			
6A0111SV-HA		YES			
6A0113BN-HA	BRASS	NO	110.0	250	STAINLESS
6A0113BV-HA		YES			
6A0113SN-HA	STAINLESS	NO			
6A0113SV-HA		YES			

ACRYLIC FLOW METERS

6A02 Series Acrylic Flow Meters

6A02 Valve Option

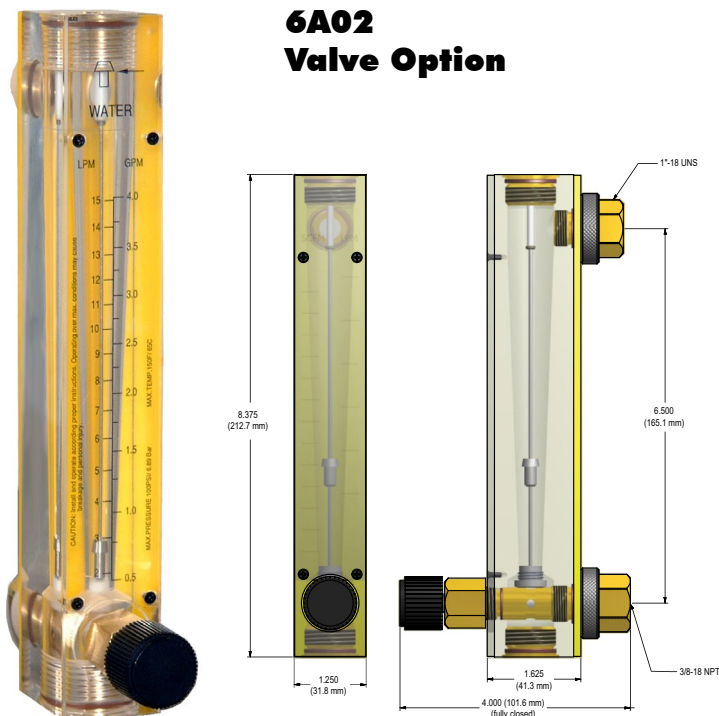


TABLE 11 FLOW CAPACITIES

MODEL NO.	FLOW MEDIA	MAXIMUM FLOW		VALVE OPTION
6A0209BN-AB	AIR	270 L/min	9.5 SCFM	NO
6A0209BV-AB				YES
6A0211BN-AB		550 L/min	20 SCFM	NO
6A0211BV-AB				YES
6A0209BN-NC	NITROGEN	270 L/min	9.5 SCFM	NO
6A0209BV-NC				YES
6A0211BN-NC		575 L/min	21 SCFM	NO
6A0211BV-NC				YES
6A0209BN-OB	OXYGEN	250 L/min	9 SCFM	NO
6A0209BV-OB				YES
6A0211BN-OB		550 L/min	20 SCFM	NO
6A0211BV-OB				YES
6A0209BN-CA	CARBON DIOXIDE	210 L/min	7.5 SCFM	NO
6A0209BV-CA				YES
6A0211BN-CA		475 L/min	17 SCFM	NO
6A0211BV-CA				YES
6A0209BN-AE	ARGON	220 L/min	8 SCFM	NO
6A0209BV-AE				YES
6A0211BN-AE		525 L/min	19 SCFM	NO
6A0211BV-AE				YES
6A0209BN-HA	HELIUM	700 L/min	25 SCFM	NO
6A0209BV-HA				YES
6A0211BN-HA		1500 L/min	55 SCFM	NO
6A0211BV-HA				YES
6A0209BN-WA	WATER	8.5 L/min	2.25 GPM	NO
6A0209BV-WA				YES
6A0211BN-WA		15 L/min	4 GPM	NO
6A0211BV-WA				YES

These unique meters are being offered with any one of interchangeable direct reading scales for Air, Nitrogen, Oxygen, Carbon Dioxide, Argon, Helium and Water. Scales are mounted at the front of the flow body and are positioned and secured by a clear front plate held in place by four screws.

Dual scales display flow rates in both metric and English units. Optional scales can be developed for diverse flow conditions, facilitating OEM applications. The yellow colored backing enhances readability of scales and helps to minimize eye fatigue.

6A02 Series Flow Meters are configured for "panel mount" 3/8" female NPT connections. Models available with optional low hysteresis, multi-turn needle valve is included.

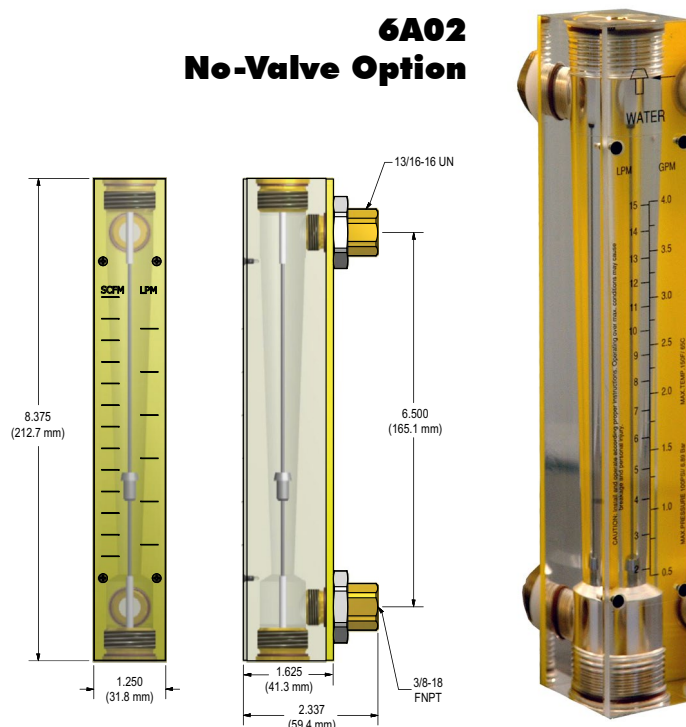
6A02 SPECIFICATIONS

ACCURACY:	±5% of full scale reading.
CONNECTIONS:	3/8" Female NPT.
MAXIMUM TEMPERATURE:	150 °F/ 65 °C Maximum.
MAXIMUM PRESSURE:	100 psi/6.89 Bar Maximum.
FLOAT AND GUIDE:	316 stainless steel.
INLET/OUTLET CONNECTIONS:	Brass.
PANEL MOUNTING:	Polypropylene® Nuts.
O-RINGS:	FKM.
VALVE PARTS:	Brass.



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

6A02 No-Valve Option



6A03 Acrylic Meter with Interchangeable Scales or Valve Option

These unique meters are being offered with any one of interchangeable direct reading scales for Water, Argon, Oxygen, Carbon Dioxide, Nitrogen and Helium. Dual scales display flow rates in both metric and English units. Optional scales can be developed for diverse flow conditions, facilitating OEM applications.

The yellow colored backing enhances readability of scales and helps to minimize eye fatigue. 6A03 Models are configured for "in-line" 3/4" female NPT connections. Optional needle valve is available.

6A03 SPECIFICATIONS

ACCURACY:	±5% FS.
CONNECTIONS:	3/4" Female NPT.
MAXIMUM TEMPERATURE:	130 °F/ 54 °C Maximum.
MAXIMUM PRESSURE:	100 PSI/6.89 Bar Maximum.
FLOAT AND GUIDE:	316 stainless steel.
CONNECTIONS:	Polypropylene.
O-RINGS:	FKM.
BODY:	Optical clear cast acrylic.
VALVE PARTS:	Brass.


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

TABLE 12 FLOW CAPACITIES

MODEL NO.	FLOW MEDIUM	MAXIMUM FLOW		VALVE OPTION
6A0311PN-WA	WATER	55 L/min	14.5 GPM	NO
6A0311PV-WA				YES
6A0311PN-AB	AIR	2100 L/min	72.5 SCFM	NO
6A0311PV-AB				YES
6A0311PN-NC	NITROGEN	2200 L/min	77.5 SCFM	NO
6A0311PV-NC				YES
6A0311PN-OB	OXYGEN	2000 L/min	70 SCFM	NO
6A0311PV-OB				YES
6A0311PN-CA	CARBON DIOXIDE	1800 L/min	62.5 SCFM	NO
6A0311PV-CA				YES
6A0311PN-AE	ARGON	1800 L/min	65 SCFM	NO
6A0311PV-AE				YES
6A0311PN-HA	HELIUM	5000 L/min	170 SCFM	NO
6A0311PV-HA				YES

