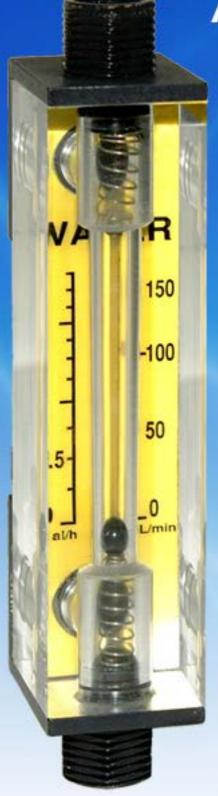
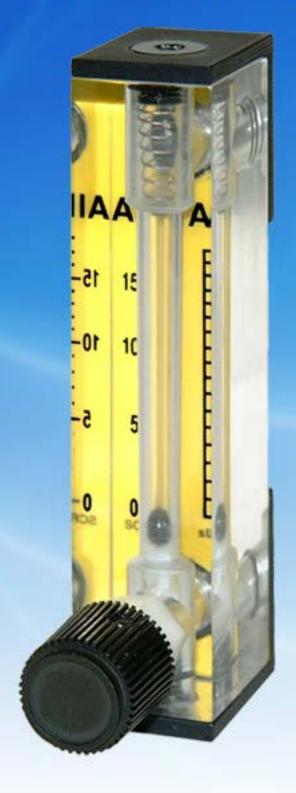
AALBORG

Acrylic Flow Meters



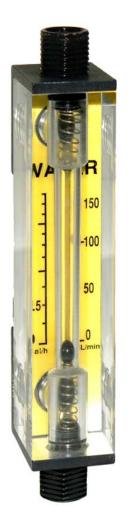


Design Features

- 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 offered with or without built-in low hysteresis needle valves.
- Easy disassembly and assembly for cleaning.

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.









Panel Mounting Meter with Built In Needle Valve

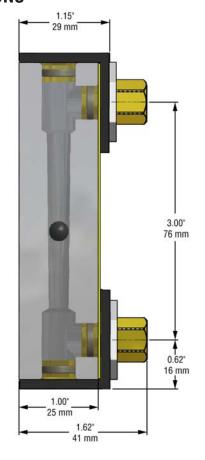
Typical In-Line Meter . . . Stable, Easy to Read Float

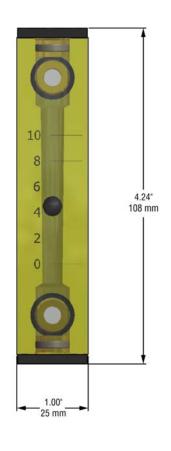
Superior Quality . . .

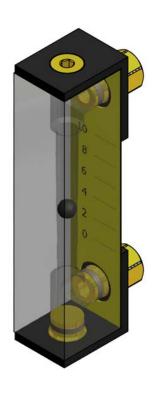
A

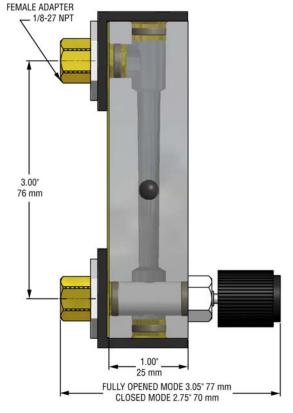
ACRYLIC FLOW METERS

DIMENSIONS









ACR SPECIFICATIONS	
ACCURACY:	±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:	Viton®.
FITTINGS:	Brass or stainless 1/8" NPT female connections, built-in needle valves and seal plugs.

ACRYLIC FLOW METERS



AIF	R FLOW METER	S WITH DIR	ECT READING SCALES					
MODEL	FITTING	VALVE	DUAL	SCALE	FLOAT			
NO.	MATERIAL	OPTION	L/min	SCFH	MATERIAL			
ACRZB0V01	BRASS	NO						
ACRZB1V01	BILAGO	YES	1.4	2.8	GLASS			
ACRZS0V01	STAINLESS	NO] ''' [1.4	2.0	GE/100		
ACRZS1V01	STAINLESS	YES						
ACRZB0V08	BRASS	NO						
ACRZB1V08	BILAGO	YES	2.75	5.5	STAINLESS			
ACRZS0V08	STAINLESS	NO	2.13	0.0	STATIVELOS			
ACRZS1V08	STAINLEGG	YES						
ACRZB0V15	BRASS	NO						
ACRZB1V15	BILAGO	YES	3.5	7.0	CARBOLOY			
ACRZS0V15	STAINLESS	NO	3.5		CANDOLOT			
ACRZS1V15	STAINLESS	YES						
ACRYB0V01	BRASS	NO		18.0				
ACRYB1V01	DITAGO	YES	8.5		GLASS			
ACRYS0V01	STAINLESS	NO	0.5		GLAGG			
ACRYS1V01	STAINLESS	YES						
ACRYB0V08	BRASS	NO						
ACRYB1V08	DITAGO	YES	16.0	32.5	STAINLESS			
ACRYS0V08	STAINLESS	NO	10.0	32.3	STATIVEESS			
ACRYS1V08	STAINLESS	YES						
ACRYB0V15	BRASS	NO						
ACRYB1V15	DITAGO	YES	22.0	45.0	CARBOLOY			
ACRYS0V15	STAINLESS	NO	22.0	45.0	CANDOLOT			
ACRYS1V15	JIAIIVLESS	YES						
ACRYB0V22	BRASS	NO						
ACRYB1V22	DNASS	YES	50	100	STAINLESS			
ACRYS0V22	STAINLESS	NO] 30	100	JIANVLLOS			
ACRYS1V22	JIAIIVLESS	YES						

OXYG	LES					
MODEL	FITTING	VALVE	VALVE DUAL SCALE		FLOAT	
NO.	MATERIAL	OPTION	L/min	SCFH	MATERIAL	
ACRZB0V07	BRASS	NO				
ACRZB1V07	DNASS	YES	1.2	2.5	GLASS	
ACRZS0V07	STAINLESS	NO	1.2	2.5	GLASS	
ACRZS1V07	STATIVELOS	YES	1			
ACRZB0V14	BRASS	NO				
ACRZB1V14	DITAGO	YES	2.50	5.0	STAINLESS	
ACRZS0V14	STAINLESS	NO	2.50	3.0	STATIVELOS	
ACRZS1V14	STATIVELOS	YES				
ACRZB0V21	BRASS	NO				
ACRZB1V21	DITAGO	YES	3.5	7.0	CARBOLOY	
ACRZS0V21	STAINLESS -	NO	3.3	7.0	CANDOLOT	
ACRZS1V21		YES				
ACRYB0V07	BRASS	NO		16.0		
ACRYB1V07	DITAGO	YES	8.0		GLASS	
ACRYS0V07	STAINLESS	NO] 0.0	10.0	ULAGO	
ACRYS1V07	STATIVELOS	YES				
ACRYB0V14	BRASS	NO				
ACRYB1V14	BITAGO	YES	15.0	30.0	STAINLESS	
ACRYS0V14	STAINLESS	NO] 13.0	30.0	OTAINEESS	
ACRYS1V14	O IAINEEOO	YES				
ACRYB0V21	BRASS	NO				
ACRYB1V21	DNASS	YES	20.0	42.5	CARBOLOY	
ACRYS0V21	STAINLESS	NO	20.0	42.5	CANDULUT	
ACRYS1V21	JIANVESS	YES				
ACRYB0V28	BRASS	NO				
ACRYB1V28	DNASS	YES	45	90	STAINLESS	
ACRYS0V28	STAINLESS	NO	45	90	3 IAIIVLE35	
ACRYS1V28	SIAIIVLESS	YES	1			

NITRO	GEN FLOW ME	TERS WITH	DIRECT RE	ALES	
MODEL	FITTING	VALVE	DUAL	SCALE	FLOAT
NO.	MATERIAL	OPTION	L/min	SCFH	MATERIAL
ACRZB0V06	BRASS	NO			
ACRZB1V06	DNASS	YES	1.3	2.75	GLASS
ACRZS0V06	STAINLESS	NO	1.0	2.70	GENOO
ACRZS1V06	OTATIVEEOO	YES			
ACRZB0V13	BRASS	NO			
ACRZB1V13	Bririoo	YES	2.75	5.5	STAINLESS
ACRZS0V13	STAINLESS	NO	2.70	0.0	OTATIVEEOO
ACRZS1V13	O IV III VEECOO	YES			
ACRZB0V20	BRASS	NO			
ACRZB1V20	Bririoo	YES	3.5	7.5	CARBOLOY
ACRZS0V20	STAINLESS	NO	3.3		O/IIIDOLO1
ACRZS1V20	OTATIVEEOO	YES			
ACRYB0V06	BRASS	NO		16.0	
ACRYB1V06	Brirtoo	YES	8.0		GLASS
ACRYS0V06	STAINLESS	NO	0.0	10.0	GENOO
ACRYS1V06	O IV III VEECOO	YES			
ACRYB0V13	BRASS	NO			
ACRYB1V13	Bririoo	YES	16.0	32.5	STAINLESS
ACRYS0V13	STAINLESS	NO	10.0	02.0	OTATIVEEOO
ACRYS1V13	OTATIVEEOO	YES			
ACRYB0V20	BRASS	NO			
ACRYB1V20	Brirtoo	YES	22.0	45.0	CARBOLOY
ACRYS0V20	STAINLESS	NO	22.0	40.0	O/IIIDOLO1
ACRYS1V20	3 I7 III VEE OO	YES			
ACRYB0V27	BRASS	NO			
ACRYB1V27	BILAGO	YES	45	100	STAINLESS
ACRYS0V27	STAINLESS	NO	""	100	JIANULLOS
ACRYS1V27	31/11142200	YES			

CARBON D	OIOXIDE FLOW	SCALES				
MODEL	FITTING	VALVE	DUAL	SCALE	FLOAT	
NO.	MATERIAL	OPTION	L/min	SCFH	MATERIAL	
ACRZB0V04	BRASS	NO				
ACRZB1V04	BNASS	YES	1.1	2.5	GLASS	
ACRZS0V04	STAINLESS	NO	1.1	2.0	GLASS	
ACRZS1V04	STATIVLESS	YES	1			
ACRZB0V11	BRASS	NO				
ACRZB1V11	DNASS	YES	2.0	5.0	STAINLESS	
ACRZS0V11	STAINLESS	NO	2.0	5.0	STATIVLESS	
ACRZS1V11	STATIVLESS	YES				
ACRZB0V18	BRASS	NO				
ACRZB1V18	BNASS	YES	3.0	6.5	CARBOLOY	
ACRZS0V18	STAINLESS	NO	3.0		CARBULUT	
ACRZS1V18	STATIVLESS	YES	1			
ACRYB0V04	BRASS	NO		15.0		
ACRYB1V04	BNASS	YES	7.0		GLASS	
ACRYS0V04	STAINLESS	NO	7.0	15.0	GLASS	
ACRYS1V04	STATIVLESS	YES				
ACRYB0V11	BRASS	NO				
ACRYB1V11	BNASS	YES	12.0	25.0	STAINLESS	
ACRYS0V11	STAINLESS	NO	12.0	23.0	STATIVELOG	
ACRYS1V11	STATIVLESS	YES				
ACRYB0V18	BRASS	NO				
ACRYB1V18	DIAGO	YES	18.0	37.5	CARBOLOY	
ACRYS0V18	STAINLESS	NO		37.3	CANDOLOT	
ACRYS1V18	UIAIIVLLOS	YES				
ACRYB0V25	BRASS	NO				
ACRYB1V25	DITAGO	YES	35	80	STAINLESS	
ACRYS0V25	STAINLESS	NO	35	80	JIMINLEGO	
ACRYS1V25	JIMINLLOS	YES				



ACRYLIC FLOW METERS

ARGON FLOW METERS WITH DIRECT READING SCALES									
MODEL	FITTING	VALVE	DUAL	SCALE	FLOAT				
NO.	MATERIAL	OPTION	L/min	SCFH	MATERIAL				
ACRZB0V03	BRASS	NO							
ACRZB1V03	DIAGO	YES	1.1	2.25	GLASS				
ACRZS0V03	STAINLESS	NO] ''	2.20	ULAGO				
ACRZS1V03	STATIVLESS	YES							
ACRZB0V10	BRASS	NO							
ACRZB1V10	DITAGO	YES	2.2	5.0	STAINLESS				
ACRZS0V10	STAINLESS	NO	2.2	3.0	STATIVELOS				
ACRZS1V10	STATIVLESS	YES							
ACRZB0V17	BRASS	NO							
ACRZB1V17	DIAGO	YES	3.0	6.5	CARBOLOY				
ACRZS0V17	STAINLESS	NO	3.0		CANDOLOT				
ACRZS1V17	OTAMELOO	YES							
ACRYB0V03	BRASS	NO		15.0					
ACRYB1V03	DIAGO	YES	7.0		GLASS				
ACRYS0V03	STAINLESS	NO] '.0	10.0	ULAGO				
ACRYS1V03	STATIVLESS	YES							
ACRYB0V10	BRASS	NO							
ACRYB1V10	DITAGO	YES	13.0	26.0	STAINLESS				
ACRYS0V10	STAINLESS	NO	10.0	20.0	OTAMELOO				
ACRYS1V10	OTAMELOO	YES							
ACRYB0V17	BRASS	NO							
ACRYB1V17	DITAGO	YES	18.0	37.5	CARBOLOY				
ACRYS0V17	STAINLESS	NO	10.0	07.0	OANDOLOT				
ACRYS1V17	O I/ III VEEOO	YES							
ACRYB0V24	BRASS	NO							
ACRYB1V24	DITAGO	YES	40	80	STAINLESS				
ACRYS0V24	STAINLESS	NO] 70	80	OTAMILLOS				
ACRYS1V24	OTAMELOO	YES							

HELL	UM FLOW MET	FRS WITH D	IRECT REA	DING SCA	I FQ
MODEL	FITTING	VALVE	DUAL	FLOAT MATERIAL	
NO.	MATERIAL	OPTION	L/min	SCFH	MATERIAL
ACRZB0V05	BRASS	NO			
ACRZB1V05		YES	2.0	4.0	GLASS
ACRZS0V05	STAINLESS	NO NO			
ACRZS1V05		YES			
ACRZB0V12	BRASS	NO			
ACRZB1V12		YES	5.5	11.0	STAINLESS
ACRZS0V12	STAINLESS	NO			0.72200
ACRZS1V12	O IV III VEECOO	YES			
ACRZB0V19	BRASS	NO	8.0		
ACRZB1V19	BILAGO	YES		17.0	CARBOLOY
ACRZS0V19	STAINLESS -	NO			
ACRZS1V19		YES			
ACRYB0V05	BRASS	NO		40.0	
ACRYB1V05	DNASS	YES	18.0		GLASS
ACRYS0V05	STAINLESS	NO	10.0	40.0	GLASS
ACRYS1V05	STATIVLESS	YES	1		
ACRYB0V12	DDACC	NO			
ACRYB1V12	BRASS	YES	1 05 0	70.0	0741811 500
ACRYS0V12	OTAINII FOO	NO	35.0	70.0	STAINLESS
ACRYS1V12	STAINLESS	YES	1		
ACRYB0V19	BB400	NO			
ACRYB1V19	BRASS	YES	1	1100	OARROLOW
ACRYS0V19	OTAINII FOO	NO	55.0	110.0	CARBOLOY
ACRYS1V19	STAINLESS	YES	1		
ACRYB0V26	BB400	NO			
ACRYB1V26	BRASS	YES	1	050	0741411 500
ACRYS0V26	07	NO	110	250	STAINLESS
ACRYS1V26	STAINLESS	YES	1		

MODEL	FITTING	VALVE	DUALS	FLOAT		
NO.	MATERIAL	OPTION	mL/min	GAL/H	MATERIAL	
ACRZB0V02	BRASS	NO				
ACRZB1V02	DITAGO	YES	20.0	0.3	GLASS	
ACRZS0V02	STAINLESS	NO	20.0	0.0	ULAGO	
ACRZS1V02	OTATIVEESS	YES				
ACRZB0V09	BRASS	NO				
ACRZB1V09	DIAGO	YES	70.0	11	STAINLESS	
ACRZS0V09	STAINLESS	NO	70.0	1.1	JIAINLLOO	
ACRZS1V09	STATIVELOS	YES				
ACRZB0V16	BRASS	NO				
ACRZB1V16	DITAGO	YES	100.0	1.5	1.5	CARBOLOY
ACRZS0V16	STAINLESS	NO	100.0		CANDULUT	
ACRZS1V16	STATIVLESS	YES				
ACRYB0V02	BRASS	NO		2.75		
ACRYB1V02	DNASS	YES	175.0		2 75	GLASS
ACRYS0V02	STAINLESS	NO	173.0		ULAGO	
ACRYS1V02	JIAINLLOO	YES				
ACRYB0V09	BRASS	NO				
ACRYB1V09	DNASS	YES	450.0	6.5	STAINLESS	
ACRYS0V09	STAINLESS	NO] 450.0	0.5	OTAMINEGO	
ACRYS1V09	STATIVLESS	YES]			
ACRYB0V16	BRASS	NO				
ACRYB1V16	DITAGO	YES	700.0	11.0	CARBOLOY	
ACRYS0V16	STAINLESS	NO	700.0	11.0	UANDULUY	
ACRYS1V16	STATIVLESS	YES				
ACRYB0V23	BRASS	NO				
ACRYB1V23	DNASS	YES	1400	22	STAINLESS	
ACRYS0V23	STAINLESS	NO	1 1400		3 IAINLE 33	
ACRYS1V23	SIAIINLESS	YES]			

ACRYLIC FLOW METER KITS



ACRYLIC FLOW METER KITS WITH DIRECT READING SCALES

Kits include an air meter and six interchangeable direct reading dual scales: Argon, Carbon Dioxide, Helium, Nitrogen, Oxygen, and Water.

NO. MATERIAL OPTION AIR WATER CARBON DIOXIDE HELLIUM NITHOGEN DXYGEN M.		ACRYLIC FLOW METER KITS																	
NO. MATERIAL OPTION L/min SCFH L/min GAL/H L/min SCFH L/min					DUAL SCALES							FLOAT							
ACRZBOVK1 ACRZBOVK1 ACRZBOVK1 ACRZBOVK1 ACRZBOVK1 ACRZBOVK1 ACRZBOVK1 ACRZBOVK3 ACRZBOVK3 ACRZBOVK3 ACRZBOVK3 ACRZBOVK3 ACRZBOVK4 ACRZBOVK4 ACRZBOVK4 ACRYBOVK3 ACRYBOVK4 ACRYBOVK3 ACRYBOVK4 ACRYBOVK3 ACRYBOVK4 ACRYBOVK3 ACRYBOVK3 ACRYBOVK4 ACRYBOVK3 ACRYBOVK4 ACRYBOVK3 ACRYBOVK3 ACRYBOVK4 ACRYBOVK3 ACRYBOVK3 ACRYBOVK4 ACRYBOVK3 ACRYBOVK4 ACRY	_			Al	R	WAT	ER	ARO	GON	CARBON	DIOXIDE	HEL	IUM	NITR	OGEN	OXY	GEN	FLOAT Material	
ACRZBIVK1 ACRZBIVK1 ACRZBIVK3 ACRZBIVK4 ACRZ	NO.	WATERIAL	OI IION	L/min	SCFH	mL/min	GAL/H	L/min	SCFH	L/min	SCFH	L/min	SCFH	L/min	SCFH	L/min	SCFH	III) (I EI II) (E	
ACRZBIVK1 ACRZSOVK1 ACRZSIVK1 ACRZSIVK3 BRASS NO ACRZBIVK3 ACRZSIVK3 ACRZSIVK3 ACRZSIVK4 ACRZSIVK4 ACRZSIVK4 ACRYSIVK4 ACR	ACRZB0VK1	RRASS	NO																
ACRZSOVK3 ACRZSOVK3 ACRZSOVK3 ACRZSOVK3 ACRZSOVK3 ACRZSOVK3 ACRZSOVK3 ACRZSOVK3 ACRZSOVK3 ACRZSOVK4 ACRZ	ACRZB1VK1	DITAGO	YES	1 4	2.8	20.0	0.3	11	2 25	11	25	2 በ	4 n	1 2	2 75	12	25	GLASS	
ACRZSIVK1 ACRZBIVK3 BRASS NO YES ACRZSIVK3 ACRZSIVK3 ACRZSIVK4 ACRZBIVK4 ACRZBIVK4 ACRZBIVK4 ACRZBIVK4 ACRZBIVK4 ACRZBIVK4 ACRZBIVK1	ACRZS0VK1	STAINI ESS	NO] '''	2.0	20.0	0.0		2.20	''	2.0	2.0	""	'	2.70	'	2.0	02/100	
ACRZB1VK3 ACRZB1VK3 ACRZB1VK4 ACRZB1VK4 ACRZB1VK4 ACRYB1VK3 ACRZB1VK4 ACRZ	ACRZS1VK1	OTAMALLOO	YES																
ACRZB1VK3	ACRZB0VK3	BRASS	NO																
ACRZSOVK3 ACRZS1VK3 ACRZS1VK4 ACRZSOVK4 ACRZSOVK4 ACRZS1VK4 ACRZSOVK4 ACRZS1VK4 ACRZS1VK1 ACRZS1	ACRZB1VK3		YES	2 75	5.5	70.0	11	22	5.0	20	5.0	5.5	110	2 75	5.5	2 50	5.0	STAINLESS	
ACRZ51VK3 ACRZ61VK4 ACRZ61VK4 ACRZ51VK4 ACRZ51VK3 ACRZ51VK4 ACRZ51		STAINLESS																	
ACRZB1VK4																			
ACRZSOVK4 ACRZSOVK4 ACRZSOVK4 ACRZSOVK4 ACRZSOVK4 ACRZSOVK4 ACRZSOVK4 ACRZSOVK4 ACRZSOVK4 ACRZSOVK1 ACRZSOVK1 ACRZSOVK1 ACRZSOVK1 ACRZSOVK1 ACRZSOVK1 ACRZSOVK1 ACRZSOVK3 ACRZSOVK4 ACRZ		BRASS																	
ACRYSOVK1 ACRYSOVK1 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK4 ACRY				3.5	7.0	100.00	1.5	3.0	6.5	3.0	6.5	8.0	17.0	3.5	7.5	3.5	7.0	CARBOLOY	
ACRYBOVK1 ACRYBOVK1 ACRYSOVK1 ACRYSOVK1 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK4 ACRYSO		STAINI FSS I———																	
ACRYBIVK1																			
ACRYSOVK1 ACRYSOVK1 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK4 ACRY		BRASS																	
ACRYS1VK1 STAINLESS YES				8.5	8.5 1	18.0	175.0	2.75	7.0	'.0 15.0	7.0	15.0	18.0	40.0	8.0	16.0	8.0	16.0	GLASS
ACRYBOVK3 ACRYBOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK3 ACRYSOVK4 ACRYSOVK4 ACRYBIVK4 ACRYSOVK4 ACRYSO		STAINLESS	STAINLESS NO	-															
ACRYBIVK3 ACRYSOVK3 ACRYSIVK3 ACRYSIVK3 ACRYSOVK4 ACRYBIVK4 ACRYSIVK4 ACRYSI									\rightarrow	+				├					
ACRYSOVK3 ACRYSOVK4 ACRYBOVK4 ACRYSOVK4 ACRYSO		BRASS		ł															
ACRYS1VK3 STAINLESS YES				16.0	32.5	450.0	6.5	13.0	26.0	12.0	25.0	35.0	70.0	16.0	32.5	15.0	30.0	STAINLESS	
ACRYBOVK4 ACRYBIVK4 ACRYSOVK4 ACRYSOVK4 ACRYSIVK4 STAINLESS NO YES 22.0 45.0 700.0 11.0 18.0 37.5 18.0 37.5 55.0 110.0 22.0 45.0 20.0 42.5 CA		STAINLESS		ł															
ACRYB1VK4 BRASS YES ACRYS0VK4 ACRYS1VK4 STAINLESS YES YES YES YES YES ACRYS1VK4 ACRYS1VK4 STAINLESS YES YES YES YES YES YES YES YES YES																			
ACRYSOVK4 ACRYS1VK4 STAINLESS NO YES 22.0 45.0 700.0 11.0 18.0 37.5 18.0 37.5 55.0 110.0 22.0 45.0 20.0 42.5 CA		BRASS		-															
ACRYS1VK4 STAINLESS YES YES				22.0	45.0	700.0	11.0	18.0	37.5	18.0	37.5	55.0	110.0	22.0	45.0	20.0	42.5	CARBOLOY	
		STAINLESS	AINI ESS I———																
	ACRYBOVK6		NO																
ACRYRIVK6 BRASS VES VES		BRASS		1															
ACRYSOVK6 NO 100 1400 22 40 80 35 80 110 250 45 100 45 90 ST				50	100	1400	22	40	80	35	80	110	250	45	100	45	90	STAINLESS	
ACRYS1VK6 STAINLESS YES YES		STAINLESS		1															

ACRU

MEDIUM RANGE ACRYLIC FLOW METERS

ACRU acrylic meters are being offered with any one of the interchangeable direct reading scales for Water, Argon, Oxygen, Carbon Dioxide, Nitrogen and Helium.

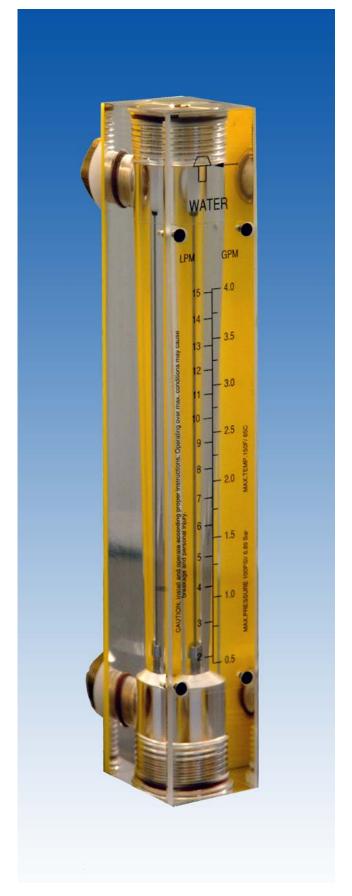
Scales are mounted at the front of the flow body and are positioned and secured by a clear front plate held in place by four screws.

Dual scales display flow rates in both metric and English units. Long scales facilitate high resolution readings. Optional scales can be developed for diverse flow conditions facilitating OEM applications.

The yellow colored backing enhances the readability of scales and helps minimize eye fatigue.

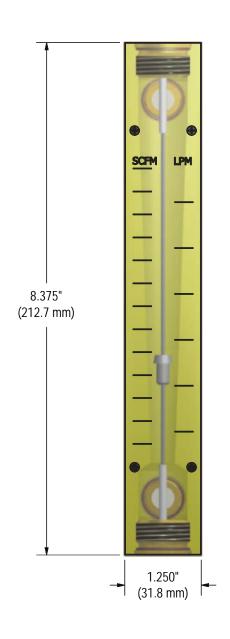
ACRU Flow Meters are configured for "panel mount 3/8" female NPT connections.

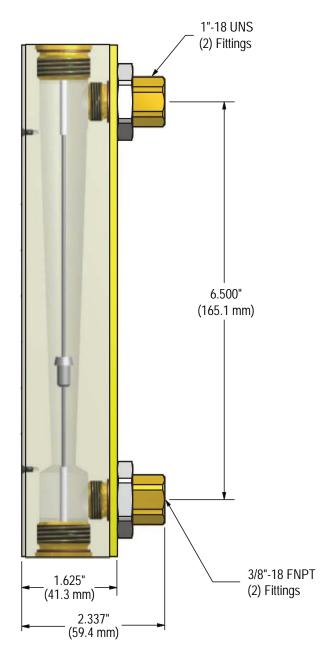
ACRU SPECIFICATIONS	
ACCURACY:	±5% of full scale reading.
CONNECTIONS:	3/8" Female NPT.
MAXIMUM TEMPERATURE:	150 °F/ 65 °C Maximum.
MAXIMUM PRESSURE:	100 psi/6.89 Bar Maximum.
FLOAT AND GUIDE:	316 stainless steel.
INLET/OUTLET CONNECTIONS	S: Brass.
PANEL MOUNTING:	Polypropylene® Nuts.



MEDIUM RANGE ACRYLIC FLOW METERS ACRYLIC







				FLOW CA	PACITIES	
	MODEL NO.	FLOW MEDIUM	MAXIMU	IM FLOW	MODEL NO.	FLOW MEDIUM
-	ACRUBOV01	WATER	15 L/min	4 GPM	ACRUBOV21	WATER
	ACRUBOV02	AIR	550 L/min	20 SCFM	ACRUBOV22	AIR
	ACRUBOV03	ARGON	525 L/min	19 SCFM	ACRUBOV23	ARGON
	ACRUBOV04	OXYGEN	550 L/min	20 SCFM	ACRUBOV24	OXYGEN
	ACRUBOV05	CARBON DIOXIDE	475 L/min	17 SCFM	ACRUBOV25	CARBON DIOXID
	ACRUBOV06	NITROGEN	575 L/min	21 SCFM	ACRUBOV26	NITROGEN
Ī	ACRUBOV07	HELIUM	1500 L/min	55 SCFM	ACRUBOV27	HELIUM

MODEL NO.	FLOW MEDIUM	MAXIMUM FLOW				
ACRUBOV21	WATER	8.5 L/min	2.25 GPM			
ACRUBOV22	AIR	270 L/min	9.5 SCFM			
ACRUBOV23	ARGON	220 L/min	8 SCFM			
ACRUBOV24	OXYGEN	250 L/min	9 SCFM			
ACRUBOV25	CARBON DIOXIDE	210 L/min	7.5 SCFM			
ACRUBOV26	NITROGEN	270 L/min	9.5 SCFM			
ACRUBOV27	HELIUM	700 L/min	25 SCFM			

ACRUV

MEDIUM RANGE ACRYLIC FLOW METERS

ACRUV acrylic meters are being offered with any one of the interchangeable direct reading scales for Water, Argon, Oxygen, Carbon Dioxide, Nitrogen and Helium.

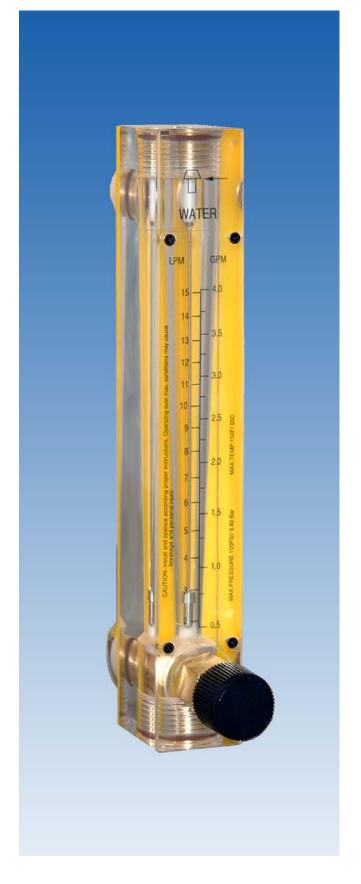
Scales are mounted at the front of the flow body and are positioned and secured by a clear front plate held in place by four screws. Low hysteresis, multiturn needle valve is included.

Dual scales display flow rates in both metric and English units. Long scales facilitate high resolution readings. Optional scales can be developed for diverse flow conditions facilitating OEM applications.

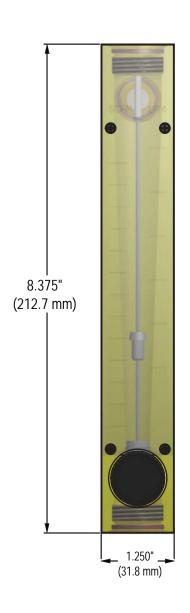
The yellow colored backing enhances the readability of scales and helps minimize eye fatigue.

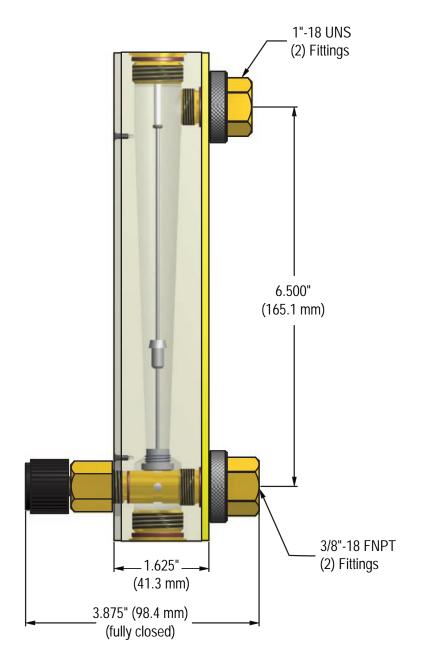
ACRU Flow Meters are configured for "panel mount" 3/8" female NPT connections.

ACRU 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.		
VALVE PARTS:	Brass.		









FLOW CAPACITIES							
MODEL NO.	FLOW MEDIUM	MAXIMUM FLOW		MODEL NO.	FLOW MEDIUM	MAXIMU	IM FLOW
ACRUB1V01	WATER	15 L/min	4 GPM	ACRUB1V21	WATER	8.5 L/min	2.25 GPM
ACRUB1V02	AIR	550 L/min	20 SCFM	ACRUB1V22	AIR	270 L/min	9.5 SCFM
ACRUB1V03	ARGON	525 L/min	19 SCFM	ACRUB1V23	ARGON	220 L/min	8 SCFM
ACRUB1V04	OXYGEN	550 L/min	20 SCFM	ACRUB1V24	OXYGEN	250 L/min	9 SCFM
ACRUB1V05	CARBON DIOXIDE	475 L/min	17 SCFM	ACRUB1V25	CARBON DIOXIDE	219 L/min	7.5 SCFM
ACRUB1V06	NITROGEN	575 L/min	21 SCFM	ACRUB1V26	NITROGEN	270 L/min	9.5 SCFM
ACRUB1V07	HELIUM	1500 L/min	55 SCFM	ACRUB1V27	HELIUM	700 L/min	25 SCFM



Unique ACRT acrylic meters are being offered with any one of the interchangeable direct reading scales for Air, Water, Argon and Nitrogen.

Scales are mounted at the front of the flow body and are positioned and secured by a clear front shield held in place by two screws.

Dual scales display flow rates in both metric and English units. Optional scales can be developed for diverse flow conditions facilitating OEM applications.

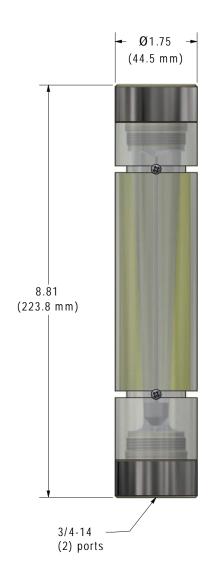
The yellow colored backing enhances the readability of scales and helps minimize eye fatigue.

ACRT Flow Meters are configured for "in-line" 3/4" female NPT connections.

Optional needle valve is available. See page 12.







ACRT SPECIFICATIONS	
ACCURACY:	±5% of full scale reading.
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:	Viton®.
BODY:	Optical clear cast acrylic.

FLOW CAPACITIES				
MODEL NO.	FLOW MEDIUM	MAXIMIM FLOW		
ACRTBOV01	WATER	20 L/min	5 GPM	
ACRTB0V02	AIR	1000 L/min	35 SCFM	
ACRTBOV03	ARGON	800 L/min	25 SCFM	
ACRTBOV06	NITROGEN	1050 L/min	37 SCFM	
ACRTBOV11	WATER	40 L/min	11 GPM	
ACRTBOV12	AIR	1550 L/min	55 SCFM	
ACRTBOV13	ARGON	1300 L/min	46 SCFM	
ACRTBOV16	NITROGEN	1550 L/min	55 SCFM	
ACRTBOV21	WATER	56 L/min	15 GPM	
ACRTB0V22	AIR	2100 L/min	73 SCFM	
ACRTBOV23	ARGON	1800 L/min	64 SCFM	
ACRTBOV26	NITROGEN	2200 L/min	78 SCFM	

HIGH RANGE ACRYLIC FLOW METERS

ACRTV meters are being offered with any one of the interchangeable direct reading scales for Air, Water, Argon and Nitrogen.

Scales are mounted at the front of the flow body and are positioned and secured by a clear front shield held in place by two screws. Low hysteresis, multi-turn needle valve is included.

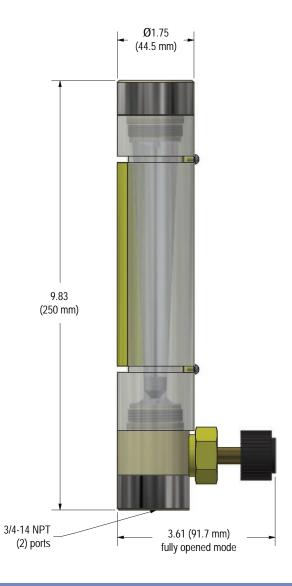
Dual scales display flow rates in both metric and English units. Optional scales can be developed for diverse flow conditions facilitating OEM applications.

The yellow colored backing enhances the readability of scales and helps minimize eye fatigue.

ACRTV Flow Meters are configured for "in-line" 3/4" female NPT connections.







ACRTV SPECIFICATIONS	
ACCURACY:	±5% of full scale reading.
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:	Viton®.
BODY:	Optical clear cast acrylic.
VALVE PARTS:	Brass.
	<u> </u>

MODEL NO. ACRTB1V01	FLOW MEDIUM Water	MAXIMIM	FLOW
ACRTB1V01	WATER		
		20 L/min	5 GPM
ACRTB1V02	AIR	1000 L/min	35 SCFM
ACRTB1V03	ARGON	800 L/min	25 SCFM
ACRTB1V06	NITROGEN	1050 L/min	37 SCFM
ACRTB1V11	WATER	40 L/min	11 GPM
ACRTB1V12	AIR	1500 L/min	53 SCFM
ACRTB1V13	ARGON	1300 L/min	46 SCFM
ACRTB1V16	NITROGEN	1550 L/min 55 SCFM	
ACRTB1V21	WATER	56 L/min	15 GPM
ACRTB1V22	AIR	2100 L/min	73 SCFM
ACRTB1V23	ARGON	1800 L/min	64 SCFM
ACRTB1V26	NITROGEN	2200 L/min	78 SCFM

EUROPEAN SERVICE CENTER

Authorized service and Calibration Facility For Aalborg Products located in Germany MTC-Aalborg*

Klosterrunsstraße 18 P.O. Box 1321 Müllheim D-79379 Germany Telefon: +49 (0)7631 5545

Fax:+49 (0)7631 14740 • Web: www.analyt-mtc.de • E-mail: info@analyt_mtc.de *SGS IS09001 Certification is not applicable.

Products Manufactured By Aalborg

ROTAMETERS

Single Tube

Aluminum / Brass / Stainless ● Interchangeable Glass Flow Tubes ● Optional Valves **Multiple Tube**

Two to Six Channels • Aluminum or Stainless

PTFE Single and Multiple Tube

Chemically Inert ● 1 to 4 Channels ● Interchangeable Glass Flow tubes PTFE - PFA

Chemically Inert • Low to Medium Flow of Corrosive Liquids with PFA Flow Tube Kits

Aluminum / Stainless / PTFE ● Including Five Glass Flow Tubes and a Set of Floats

Gas Proportioners Aluminum / Stainless • Used for Blending Two or Three Gases

Medium Range

Glass Safety Shield • Dual Air and Water Scale

Optical Sensor Switch

Non-Invasive Means for Detection of a High or Low Flow **High Flow Industrial Stainless Steel Flow Meters**

Heavy Duty Stainless Steel • Direct Reading Air and Water Scales

VALVES

Barstock

Brass or Stainless • Standard or High Precision

Chemically Inert • Needle or Metering

Proportionating Solenoid

Stainless • For Controlling Gas or Liquid Flow

Pulse width Modulated

SMV • Stepping Motor Valve

PERISTALTIC PUMPS

Fixed RPM Pumps Pump Heads Tubing Pumps Variable Speeds

Dispensing Pumps Flexible Tubings

ELECTRONIC METERS & CONTROLLERS

Low Cost Mass Flow Meters

Aluminum or Stainless • With or Without LCD Readout

Low Cost Mass Flow Controllers

Aluminum or Stainless • With or Without LCD Readout

Mass Flow Controllers

Stainless ● One to Four Channel Systems

Digital Mass Flow Controllers

Auto Zero ● Totalizer ● Alarms ● Built in RS485

Multi Parameter Digital Mass Flow Meters

Displays Flow Pressure and Temperature

Paddle Wheel Meters

For Liquids • Optional Temperature Measurements

art Rate / Totalizer / Signal Conditioner

LCD Keypad • RS232 / 485 • Pulse Output • Alarms Smart Rate / Tota