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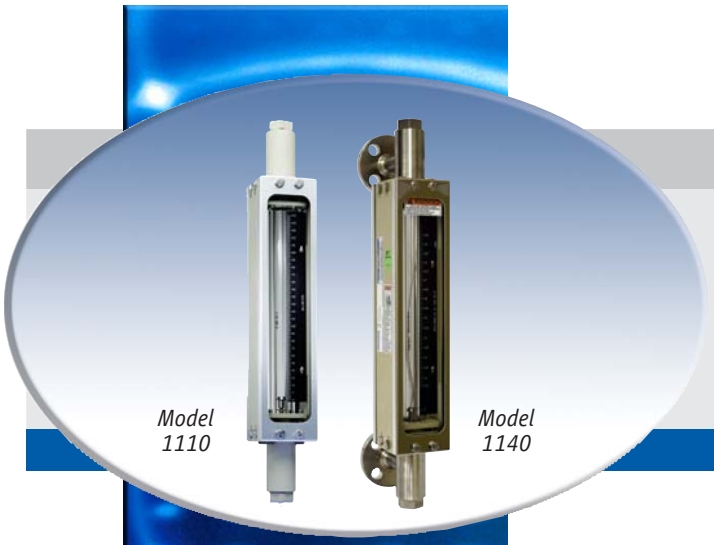
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Data Sheet

Full-View® Series 1110 & 1140

Variable Area

Industrial Glass Tube, Variable Area Flowmeters

Description

The Brooks® Full-View® glass tube meters are designed to offer a wide variety of meter configurations to meet a broad range of metering applications. The packing gland seal construction provides for long-term, leak-free, and reliable flow measurement.

Features

- Glass tube flow meters designed to offer a wide variety of meter configurations to meet a broad range of metering applications
- Rugged dowel-pin side plate construction protects glass tube from installation stresses and piping vibration
- Rotatable connections allows user to install in a variety of piping configurations
- Externally adjustable gland bolts provides easy maintenance without removing meter
- Flanged/NPT, vertical or horizontal connections, meter can be easily adapted to customer's piping

Product Specifications

Capacities and Pressure Drops	See Capacities and Pressure Drop Tables
Flow Accuracy (127mm, 150mm, 250mm tubes)	Standard: ±2% Full Scale Optional: ±1% Full Scale
Repeatability	0.5% Full Scale
Pressure Ratings/PED Categories	See Pressure Ratings & PED Categories Tables for maximum non-shock pressure Note: CRN meters have a lower pressure rating
Scales	Standard: Detachable aluminum plate Lengths: 127mm, 200mm and 250mm Graduations: Choice of direct reading units, millimeter or percentage of maximum flow
Ambient Temperature Limits	33 to 125°F (1°C to 52°C)
Operating Fluid Temperature Limits	Maximum: 250°F (121°C) for metallic end fittings Minimum: 33°F (1°C)
Dimensions	See Dimensions Figure

Product Specifications (Continued)

Materials of Construction	
Metering Tube	Borosilicate glass
Protective Tube Sleeve	UV stabilized polycarbonate (Size 8 [1/2"] and larger)
Window	Scratch resistant, UV stabilized polycarbonate
Floats (see Float Types figure)	Size 2-6: (Spherical) Sapphire, glass, Carboloy®, 316 stainless steel
	Sizes 8-13: 316 stainless steel
Float Stops	Standard: Sizes 2-8: 316 stainless steel spring
	Sizes 9-13: Aluminum for brass fittings; 316 stainless steel for 316 stainless steel fittings
Housing and Window Bezel	Standard: Aluminum with polyurethane paint
End Fittings	316 stainless steel, brass (brass fittings not available with flanged connection)
Packing Material	Standard: Teflon®, Neoprene®, Viton® fluoroelastomers
O-rings	Standard: Teflon, Buna, Viton fluoroelastomers
Gland Rings	Standard: Steel
Gland Followers	Standard: Sizes 2-9 aluminum; Sizes 10-13 steel
Side Plate Gaskets	Anchorite
Bolts	18-8 stainless steel
Connections (See Connections Table)	150 lbs. flanges per ANSI B 16.5
	NPT female connections
Connection Orientation	Vertical or horizontal on inlets and outlets
	Connection rotatable 360° at 90° intervals
Optional Equipment	Mountings: Brackets for flush or front of panel
	Valves: Available for connection sizes 1/4" through 1" only. Horizontal stem in outlet or inlet and fitting sizes 2-10

Pressure Ratings and PED Categories

Meter Size	End Fitting Material	Maximum Operating Pressure (psig)[1] @ 70°F (21°C)	@ 150°F (66°C)	@ 250°F (121°C)	PED CAT.
2	Metal 316 SS (w/CRN)	500 200	500 200	500 200	SEP
6	Metal 316 SS (w/CRN)	450 200	450 200	450 200	
8	Metal 316 SS (w/CRN)	300 160	300 160	300 160	
9	Metal 316 SS (w/CRN)	175 100	175 100	175 100	
10	Metal 316 SS (w/CRN)	100 60	100 60	100 60	
12	Metal	75	75	75	SEE NOTE 2
13	Metal	100	100	100	

NOTES:
[1]Flanged unit pressure ratings are limited to ANSI flange or tube ratings whichever is lower.
[2]Sizes 12 and 13 do not conform to Pressure Equipment Directive 97/23/EC, therefore it cannot be sold or used in the EU/EFTA.

Connections

Meter Size	Model 1110 Inlet & Outlet Horizontal (NPT)	Model 1114 Inlet & Outlet Vertical (NPT)	Model 1140 Inlet & Outlet Horizontal (Flange)	Model 1144 Inlet & Outlet Vertical (Flange)
2 to 6	1/4"	1/4"	1/2"	1/2"
8	1/2"	1/2"	1/2"	1/2"
9	3/4"	3/4"	1"	1"
10	3/4"	1"	1"	1"
12	1-1/2"	1-1/2"	1-1/2"	1-1/2"
13	1-1/2"	2"	2"	2"

Capacities:
Sizes 2 & 6, 150mm Scale, Rib Guided Tube, Spherical Float

METER SIZE	TUBE	FLOAT	MAXIMUM FLOW RATE WATER (CC/MIN.)	AIR @ 14.7 PSIA AND 70°F (21°C)
2	R-2-15-AAAA See Note Below*	GLASS *	0.59	50.0 SCC/MIN
		SAPPHIRE	1.10	79.0 SCC/MIN
		STN. STL.	2.60	150.0 SCC/MIN
		CARBOLOY	5.20	280.0 SCC/MIN
	R-2-15-D	GLASS	5.58	361.0 SCC/MIN
		SAPPHIRE	10.20	491.0 SCC/MIN
		STN. STL.	19.80	790.0 SCC/MIN
		CARBOLOY	31.90	1170.0 SCC/MIN
	R-2-15-B	GLASS	50.6	2.3 SLPM
		SAPPHIRE	76.2	2.9 SLPM
		STN. STL.	127	4.4 SLPM
		CARBOLOY	189	6.4 SLPM
	R-2-15-C	GLASS	81.1	3.7 SLPM
		SAPPHIRE	123	4.8 SLPM
		STN. STL.	208	7.2 SLPM
		CARBOLOY	312	10.1 SLPM
6	R-6-15-A	GLASS	191	8.3 SLPM
		SAPPHIRE	284	10.6 SLPM
		STN. STL.	468	15.7 SLPM
		CARBOLOY	690	22.0 SLPM
	R-6-15-B	GLASS	548	22.6 SLPM
		SAPPHIRE	809	28.6 SLPM
		STN. STL.	1290	41.6 SLPM
		CARBOLOY	1850	58.1 SLPM

* R-2-15-AAAA TUBE WITH GLASS FLOAT NOT AVAILABLE WITH 1% ACCURACY.

Product Specifications (Continued)

Capacities:
Sizes 2 & 6,, 250mm Scale, Rib Guided Tube, Spherical Float

METER SIZE	TUBE	FLOAT	MAX. FLOW RATE WATER (CC/MIN.)	MAX. FLOW RATE AIR @ 14.7 PSIA AND 70°F (21.1°C)
2	R-2-25-D	GLASS	5.5	366 SCC/MIN
		SAPPHIRE	10.1	500 SCC/MIN
		STN. STL.	19.8	810 SCC/MIN
		CARBOLOY	32.2	1200 SCC/MIN
	R-2-25-B	GLASS	49.0	2.2 SLPM
		SAPPHIRE	74.5	2.86 SLPM
		STN. STL.	124	4.3 SLPM
		CARBOLOY	186	6.2 SLPM
	R-2-25-C	GLASS	82	3.78 SLPM
		SAPPHIRE	125	4.95 SLPM
		STN. STL.	212	7.45 SLPM
		CARBOLOY	318	10.3 SLPM
6	R-6-25-B	GLASS	550	22.8 SLPM
		SAPPHIRE	810	29.0 SLPM
		STN. STL.	1300	42.0 SLPM
		CARBOLOY	1860	58.5 SLPM

Capacities:
Sizes 8 to 13, 250mm Scale, Rib Guided Tube, Standard Float

METER SIZE	TUBE	FLOAT	WATER GPM	WATER LPM	WATER PRESSURE DROP INCHES W.C.	WATER VISCOSITY IMMUNITY CEILING, CS (**)	AIR @ 14.7 PSIA AND 70°F (21°C) SCFM	AIR SLPM	AIR PRESSURE DROP INCHES W.C.	AIR PSI CRITICAL (*)
8	R-8M-25-2	8-RV-3	0.55	2.08	2.0	2.0	2.22	62.9	3.0	0
		8-RV-8	0.78	2.95	5.0	3.3	3.22	91.2	6.0	0
		8-RS-8	1.00	3.79	6.0	1.7	4.18	118.4	7.0	0
		8-RS-14	1.32	5.00	11.0	1.8	5.48	155.2	12.0	0
		8-RV-31	1.50	5.68	17.0	6.0	6.12	173.3	19.0	30
		8-RS-31	1.89	7.15	22.0	2.6	7.76	219.8	25.0	30
		8-LJ-48	3.01	11.39	45.0	1.0	13.01	368.4	51.0	30
	R-8M-25-4	8-RV-3	0.78	2.95	4.0	2.0	3.17	89.8	4.0	0
		8-RV-8	1.09	4.13	7.0	3.7	4.45	126.0	8.0	0
		8-RS-8	1.40	5.30	10.0	1.8	5.86	166.0	11.0	0
		8-RS-14	1.83	6.93	17.0	1.9	7.56	214.1	19.0	0
		8-RV-31	2.06	7.80	23.0	7.0	8.32	235.6	28.0	30
		8-RS-31	2.59	9.80	33.0	3.1	10.66	301.9	37.0	30
		8-LJ-48	4.88	18.47	93.0	1.0	20.32	575.5	106.0	30
9	R-9M-25-1	9-RV-33	1.90	7.19	5.0	10.0	7.96	225.4	6.0	0
		9-RS-33	2.52	9.54	6.0	2.3	10.46	296.2	7.0	0
		9-RV-87	3.08	11.66	12.0	15.0	12.56	355.7	14.0	30
		9-RS-87	4.04	15.29	14.0	3.4	16.84	476.9	16.0	30
	R-9M-25-3	9-RV-33	2.53	9.58	6.0	11.0	10.45	295.9	7.0	0
		9-RS-33	3.24	12.26	7.0	2.4	13.45	380.9	8.0	0
		9-RV-87	3.92	14.84	14.0	17.0	16.25	460.2	16.0	30
		9-RS-87	5.12	19.38	17.0	3.5	21.20	600.4	20.0	30
10	R-10M-25-1	10-RV-64	4.54	17.18	8.0	14.0	18.05	511.2	9.0	0
		10-RS-64	5.64	21.35	10.0	3.0	23.65	669.8	12.0	0
		10-RS-138	8.02	30.36	21.0	5.0	34.60	979.9	23.0	30
		10-LJ-238	14.91	56.43	52.0	1.0	66.00	1869.1	59.0	30
	R-10M-25-3	10-RV-64	6.28	23.77	11.0	15.0	25.76	729.5	13.0	0
		10-RS-64	7.84	29.67	15.0	3.7	32.15	910.5	17.0	0
		10-RS-138	10.93	41.37	29.0	5.5	45.90	1299.9	33.0	30
		10-LJ-238	23.10	87.43	98.0	1.0	105.70	2993.4	112.0	30
12	R-12M-25-4	12-RV-221	9.33	35.31	8.0	28.0	37.81	1070.8	9.0	0
		12-RV-343	11.71	44.32	12.0	35.0	47.12	1334.4	14.0	30
		12-RS-221	12.46	47.16	9.0	4.0	50.65	1434.4	10.0	0
	R-12M-25-5	12-RV-221	17.21	65.14	10.0	29.0	70.80	2005.1	11.0	0
		12-RV-343	20.95	79.30	15.0	36.0	86.45	2448.3	17.0	30
		12-RS-221	22.40	84.78	12.0	4.2	91.85	2601.2	14.0	0
13	R-13M-25-1	13-RV-510	19.94	75.47	12.0	40.0	81.55	2309.5	14.0	0
		13-RS-510	26.89	101.78	15.0	7.3	108.00	3058.6	17.0	0
		13-RS-760	31.85	120.55	21.0	9.0	131.00	3709.9	24.0	30
		13-LJ-1394	54.60	206.66	46.0	1.0				
	R-13M-25-3	13-RV-510	31.78	120.29	17.0	42.0	130.90	3707.1	19.0	0
		13-RV-760	37.60	142.32	24.0	52.0	155.20	4395.3	27.0	30
		13-RS-510	42.52	160.94	23.0	7.6	176.60	5001.3	26.0	0
		13-RS-760	49.55	187.55	32.0	9.3	217.70	6165.3	36.0	30
		13-LJ-1394	98.60	373.20	92.0	1.0				

(*) MINIMUM OPERATING DOWNSTREAM PRESSURE FOR GAS SERVICE (PSIG)

(**) VISCOSITY IMMUNITY CEILING LISTED IS FOR STAINLESS STEEL FLOAT AND FLUID SP.GR. 1.0, WHEN THE VISCOSITY OF THE FLUID EXCEEDS THE VISCOSITY IMMUNITY CEILING (VIC), A CALCULATED CORRECTION IS APPLIED TO ACCOUNT FOR THE DIFFERENCE BETWEEN FACTORY CALIBRATION FLUID AND PROCESS FLUID.

Product Specifications (Continued)

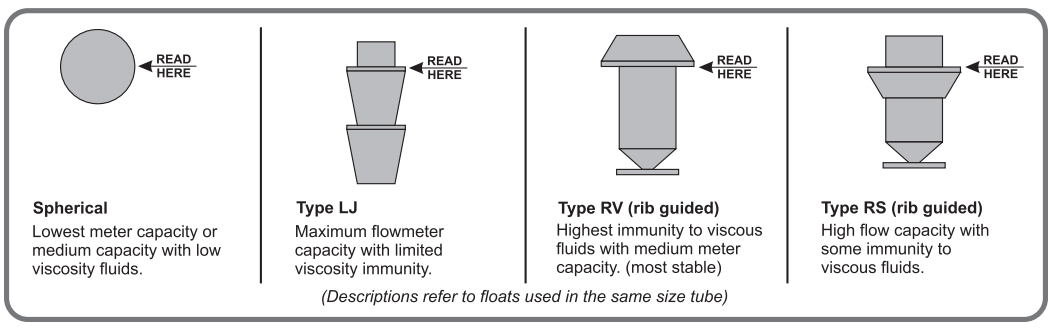
Capacities:
Sizes 8 to 13, 127mm Scale, Rib Guided Tube, Standard Float

METER SIZE	TUBE	FLOAT	WATER				AIR @ 14.7 PSIA AND 70°F (21°C)			
			GPM	LPM	PRESSURE DROP INCHES W.C.	VISCOSITY IMMUNITY CEILING, CS (**)	SCFM	SLPM	PRESSURE DROP INCHES W.C.	PSI CRITICAL (*)
8	R-8M-127-1	8-RV-3	0.50	1.89	2.0	2.0	2.05	58.1	2.0	0
		8-RV-8	0.74	2.80	3.0	3.3	3.01	85.2	4.0	0
		8-RS-8	0.92	3.48	4.0	1.7	3.84	108.7	4.0	0
		8-RS-14	1.22	4.62	6.0	1.8	5.03	142.4	7.0	0
		8-RV-31	1.38	5.22	11.0	6.0	5.60	158.6	13.0	30
		8-RS-31	1.70	6.43	13.0	2.6	6.98	197.7	15.0	30
		8-LJ-48	2.59	9.80	22.0	1.0	10.93	309.5	25.0	30
9	R-9M-127-1	9-RV-33	1.70	6.43	4.6	10.0	7.00	198.2	6.0	0
		9-RS-33	2.20	8.33	5.3	2.3	9.05	256.3	6.0	0
		9-RV-87	2.64	9.99	11.5	15.0	11.08	313.8	13.0	30
		9-RS-87	3.46	13.10	13.0	3.4	14.40	407.8	15.0	30
	R-9M-127-3	9-RV-33	3.90	14.76	8.4	11.0	15.75	446.0	10.0	0
		9-RS-33	4.90	18.55	10.8	2.4	20.35	576.3	13.0	0
		9-RV-87	5.55	21.01	18.1	17.0	23.30	659.9	21.0	30
		9-RS-87	6.75	25.55	21.7	3.5	28.75	814.2	25.0	30
10	R-10M-127-3	10-RV-64	6.02	22.79	9.2	15.0	24.33	689.0	11.0	0
		10-RS-64	7.56	28.61	11.4	3.7	30.80	872.3	13.0	0
		10-RV-138	8.01	30.32	17.2	23.0	33.45	947.3	20.0	30
		10-RS-138	9.94	37.62	21.0	5.5	41.63	1179.0	24.0	30
		10-LJ-238	22.47	85.05	61.0	1.0	109.30	3095.4	70.0	30
12	R-12M-127-1	12-RV-221	8.60	32.55	8.0	28.0	35.23	997.7	9.0	0
		12-RV-343	10.74	40.65	12.0	35.0	43.55	1233.3	14.0	30
		12-RS-221	11.49	43.49	8.0	4.0	47.10	1333.9	10.0	0
		12-RS-343	13.97	52.88	13.0	4.3	56.70	1605.7	15.0	30
		12-LJ-740	24.30	91.98	28.0	1.0	99.80	2826.3	32.0	30
13	R-13M-127-1	13-RV-510	19.28	72.97	12.0	40.0	78.25	2216.0	14.0	0
		13-RV-760	22.90	86.68	17.0	50.0	92.80	2628.1	20.0	30
		13-RS-510	26.35	99.73	14.0	7.3	105.30	2982.1	16.0	0
		13-RS-760	31.30	118.47	20.0	9.0	126.10	3571.2	23.0	30
		13-LJ-1394	47.45	179.60	38.0	1.0				
	R-13M-127-3	13-RV-510	30.40	115.06	16.0	42.0	125.00	3540.0	18.0	0
		13-RV-760	34.90	132.10	22.0	52.0	144.20	4083.7	25.0	30
		13-RS-510	41.30	156.32	20.0	7.6	175.25	4963.1	23.0	0
		13-RS-760	46.50	176.00	27.0	9.3	199.80	5658.3	31.0	30
		13-LJ-1394	93.80	355.03	70.0	1.0				

(*) MINIMUM OPERATING DOWNSTREAM PRESSURE FOR GAS SERVICE (PSIG)

(**) VISCOSITY IMMUNITY CEILING LISTED IS FOR STAINLESS STEEL FLOAT AND FLUID SP.GR. 1.0, WHEN THE VISCOSITY OF THE FLUID EXCEEDS THE VISCOSITY IMMUNITY CEILING (VIC), A CALCULATED CORRECTION IS APPLIED TO ACCOUNT FOR THE DIFFERENCE BETWEEN FACTORY CALIBRATION FLUID AND PROCESS FLUID.

Float Types



Spherical
Lowest meter capacity or medium capacity with low viscosity fluids.

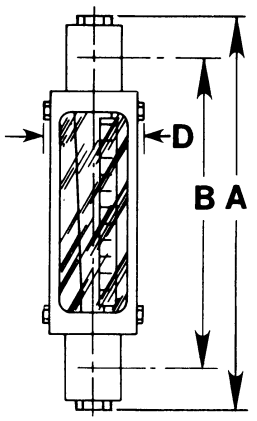
Type LJ
Maximum flowmeter capacity with limited viscosity immunity.

Type RV (rib guided)
Highest immunity to viscous fluids with medium meter capacity. (most stable)

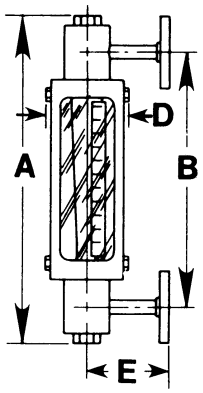
Type RS (rib guided)
High flow capacity with some immunity to viscous fluids.

(Descriptions refer to floats used in the same size tube)

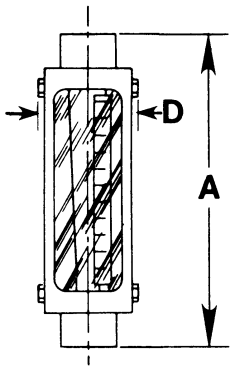
Product Dimensions



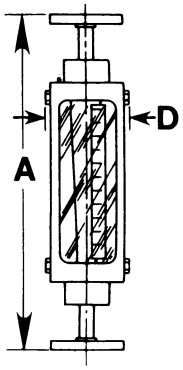
Model 1110



Model 1140



Model 1114



Model 1144

All dimensions in inches.

Meter Size	1110 - 1140				1114		1144		All Meters	All Meters
	Nominal Scale Length (MM)				Nominal Scale Length (MM)		Nominal Scale Length (MM)			
	127		250		127	250	127	250		
	A	B	A	B	A	A	A	A	D	E
2-6*	10.12	8.59	15.12	13.59	9.63	14.63	14.88	19.88	2.38	3.5
8	15.38	11.5	20.38	16.5	12	17	17.88	22.88	3.25	3.5
9	17	12.5	22	17.5	12.25	17.25	17.75	22.75	3.75	4
10	17.88	12.5	22.88	17.5	12.25	17.25	17.5	22.5	4.44	4
12	20.12	15.5	25.12	20.5	15.88	20.88	21.38	26.38	4.38	5
13	21.25	15.5	26.25	20.5	15.12	20.12	20.63	25.63	4.88	5

* Also available in 150mm scale length. Dimensions are identical to 127mm scale length
Flange dimensions apply to 150# raised face flanges

All dimensions in millimeters.

Meter Size	1110 - 1140				1114		1144		All Meters	All Meters
	Nominal Scale Length (MM)				Nominal Scale Length (MM)		Nominal Scale Length (MM)			
	127		250		127	250	127	250		
	A	B	A	B	A	A	A	A	D	E
2-6*	257.0	218.2	384.0	345.2	244.6	371.6	378.0	505.0	60.5	88.9
8	390.7	292.1	517.7	419.1	304.8	431.8	454.2	581.2	82.6	88.9
9	431.8	317.5	558.8	444.5	311.2	438.2	450.9	577.9	95.3	101.6
10	454.2	317.5	581.2	444.5	311.2	438.2	444.5	571.5	112.8	101.6
12	511.0	393.7	638.0	520.7	403.4	530.4	543.1	670.1	111.3	127.0
13	539.8	393.7	666.8	520.7	384.0	511.0	524.0	651.0	124.0	127.0

* Also available in 150mm scale length. Dimensions are identical to 127mm scale length
Flange dimensions apply to 150# raised face flanges

Model Code

Code	Description	Code Option	Option Description							
I.	Base Model Numbers		Connection Size	Size 2	Size 6	Size 8	Size 9	Size 10	Size 12	Size 13
		111	Threaded	1/4″	1/4″	1/2″	3/4″	3/4″ (A)	1-1/2″	1-1/2″ (B)
		114	Flanged*	1/2″	1/2″	1/2″	1″	1″	1-1/2″	2″
			(A) 3/4″ Horizontal Connections, 1″ Vertical Connections (B) 1-1/2″" Horizontal Connections, 2″ Vertical Connections *Not available w/CRN							

II.	Connection Orientation	**0 D**	Inlet-Horizontal Outlet-Horizontal
		4 D	Inlet-Vertical Outlet-Vertical
		6 D	Inlet-Horizontal Outlet-Vertical
		7 D	Inlet-Vertical Outlet-Horizontal

III.	Meter Size	**C** Size 2
		P Size 2 w/CRN
		G Size 6
		Q Size 6 w/CRN
		J Size 8
		R Size 8 w/CRN
		K Size 9
		S Size 9 w/CRN
		L Size 10
		T Size 10 w/CRN
		M Size 12
		N Size 13

IV.	Tube Designator	Size 2	Size 6	Size 8	Size 9	Size 10	Size 12	Size 13
	1	-	-	R-8M-127-1	R-9M-127-1	-	-	R-13M-127-1*
	2	-	R-6-15-A	-	R-9M-127-3	R-10M-127-3	R-12M-127-3*	-
	3	R-2-15-B	R-6-15-B	R-8M-25-2	R-9M-25-1	R-10M-25-1	R-12M-25-4*	R-13M-25-1*
	4	R-2-15-C	-	R-8M-25-4	R-9M-25-3	R-10M-25-3	12-RV-119	13-RV-510
	5	R-2-15-D	R-6-25-B*	-	-	-	-	-
	6	-	-	-	-	-	-	-
	7	R-2-25-B*	-	-	-	-	-	-
	8	R-2-25-C*	-	-	-	-	-	-
	9	R-2-25-D*	-	-	-	-	-	-
	A	R-2-15-AAAA	-	-	-	-	-	-
		* Not available with CRN						

V.	Float Designator	Size 2	Size 6	Size 8	Size 9	Size 10	Size 12	Size 13
	1	Spherical	Spherical	8-RV-3	9-RV-33	10-RV-64	12-RV-221	13-RV-510
	2	-	-	8-RV-8	9-RS-33	10-RS-64	12-RS-221	13-RS-510
	3	-	-	8-RS-8	9-RV-87	-	-	13-RS-760
	4	-	-	-	9-RS-87	10-RS-138	12-RV-119	13-RV-510
	5	-	-	8-RS-14	-	10-LJ-238	-	13-LJ-1394
	6	-	-	8-RV-31	-	-	-	-
	7	-	-	8-RS-31	-	-	-	-
	8	-	-	8-LJ-31	-	-	-	-

VI.	Float Material	**A**	Glass
		B	Sapphire
		C	316 Stainless Steel
		D	Carboloy

Model Code (continued)

Code Description	Code Option	Option Description
VII. Scale Inscription	**A**	No inscription (blank) (GAS/LIQUID)
	B	MM scale (GAS/LIQUID)
	C	0-100 LINEAR (GAS/LIQUID)
	D	% OF MAX FLOW (GAS/LIQUID)
	M	Special Inscription (Special calibration not required) (GAS)
	4	Special Inscription (Special calibration not required) (LIQUID)
	N	Special Calibration with SCALE 2% FS AIR (GAS)
	p	Special Calibration with SCALE 2% FS WATER (LIQUID)
	Q	Special Calibration with SCALE 2% FS OIL (VISCOSITY)
	R	Special Calibration with SCALE 1% FS AIR (GAS)
	S	Special Calibration with SCALE 1% FS WATER (LIQUID)

VIII. Materials of Construction (Teflon O-ring and Packing Standard)		Fitting	Packing	O-ring	End Connections
	D	316 SS	Teflon	Teflon	NPT or Flange
	E	316 SS	Neoprene	Buna	NPT or Flange
	F	316 SS	Viton	Viton	NPT or Flange
	G	Brass*	Teflon	Teflon	NPT only
	H	Brass*	Neoprene	Buna	NPT only
	J	Brass*	Viton	Viton	NPT only
		* Not available with CRN			

IX. Connection Type	**A**	NPT
	B	150# R.F. flange*
		* Not available with CRN

X. Accessories (Select up to 3)	**A**	None
	G	Horizontal Valve on Inlet (To Size 10 Only)
	H	Horizontal Valve on Outlet (To Size 10 Only)
	M	Flush Panel Mounting Brackets
	N	Front of Panel Mounting Brackets
	Q	Clean for Oxygen Service
	R	NIST Traceable
	S	Dual Detachable Scales

Sample Standard Model Code

I	II	II	IV	V	VI	VII	VIII	IX	X
111	**0 D**	**J**	**A**	**4**	**C**	**D**	**D**	**A**	**A**

Models 1110 and 1140 - Approximate Shipping Weights

METER SIZE	SHIPPING WEIGHT - LB [KG]	
	NPT CONNECTIONS	FLANGED CONNECTIONS
2 TO 6	7 [3.2]	10 [4.5]
8	12 [5.5]	13 [5.9]
9	18 [6.2]	20 [9]
10	25 [11.4]	29 [13.2]
12	26 [11.8]	35 [15.9]
13	40 [18.2]	52 [23.6]

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