



7610 models feature fully enclosed, 127 mm scale, borosilicate glass metering tube with 304 stainless steel case. In-line 316L fittings and internals or PVC fittings with Hastelloy® C-276 internals are suitable for a variety of applications.

DESCRIPTION

- Metering Tube**
Borosilicate Kinglass
- Internal Components**
Standard: 316L SS
Optional: Hastelloy® C-276
- Fitting Material**
Standard: 316L SS
Optional: PVC
- Inlet/Outlet Fittings**
FNPT, vertical
- O-Ring**
Standard: Viton®
Optional: Buna N, EPR, and Kalrez®
- Case and Covers**
304 SS case
Polycarbonate shield

PERFORMANCE

- Capacities**
Water 0.25 to 116 GPM
Air 1 to 245 SCFM
- Scale**
127 mm (5") Direct reading, detachable
- Accuracy**
± 3% of full scale flow
- Turndown**
10:1
- Repeatability**
0.5%
- Maximum Temperature**
316L SS fittings 200° F (93° C)
PVC fittings 110° F (43° C)
- Maximum Pressure**
316L SS fittings 250 psig, size 3 & 4
316L SS fittings 200 psig, size 5 & 6
316L SS fittings 150 psig, size 8 & 9
PVC fittings 100 psig
- Ambient Temperature**
33° F to 125° F (1° C to 52° C)

OPTIONS

- Alarm**
Latching Reed Switch
- Certified Calibrations**
Conform to ISA RP 16.6
- Scales**
Any volumetric unit

NOTE

- Because of the compressible nature of gas, meters used in this service may be subject to float bounce:
- The meter is used in very low pressure applications.
 - There are more than two pipe diameters between the meter and a control valve.
 - The gas being metered is a low specific gravity gas.
 - The meter is operating below 20% of full scale flow.
 - Back pressure is insufficient to stabilize the float.

SPECIFICATIONS:

Order No.	GPM Water	Alarm Opt.	Order No.	SCFM Air	Alarm Opt.	Float Number	Float Type	Press. Drop (W.C.)	Tube Size - Number	Dimensions (Inches)		Connection Size FNPT
										A	B	
31W	.25	No	31A	1.0	No	3/8 -LPG-01	LP	—	3G - 3/8-20-G-5	11.875	3.15	1/2"
32W	.36	No	32A	1.5	No	3/8-SLG-01	SL	2	3G - 3/8-20-G-5	11.875	3.15	1/2"
33W	.74	No	33A	3.0	No	3/8-SLG-02	SL	5	3G - 3/8-20-G-5	11.875	3.15	1/2"
41W	1.0	No	41A	4.2	No	1/2-LPG-01	LP	6	4G - 1/2-27-G-5	11.875	3.15	1/2"
43W	2.0	Yes	43A	8.2	Yes	1/2-SLG-01	GS	10	4G - 1/2-27-G-5	11.875	3.15	1/2"
51W	1.5	No	51A	6.0	No	3/4-LPG-01	LP	3	5G - 3/4-30-G-5	13.75	3.95	1"
52W	3.8	Yes	52A	16.0	Yes	3/4-GSG-01	GS	10	5G - 3/4-30-G-5	13.75	3.95	1"
53W	5.0	Yes	53A	21.5	Yes	3/4-SLG-01	SL	14	5G - 3/4-30-G-5	13.75	3.95	1"
61W	6.0	No	61A	25.5	No	1-GVP-01	GV	5	6P - 1-33-P-5	13.75	3.95	1"
62W	7.4	No	62A	30.0	No	1-GVP-02	GV	6	6P - 1-33-P-5	13.75	3.95	1"
63W	9.6	No	63A	40.0	No	1-GSP-01	GS	10	6P - 1-33-P-5	13.75	3.95	1"
64W	11.0	No	64A	45.0	No	1-GSP-02	GS	13	6P - 1-33-P-5	13.75	3.95	1"
65W	14.0	No	65A	62.0	No	1-GSP-03	GS	24	6P - 1-33-P-5	13.75	3.95	1"
66W	20.0	Yes	66A	90.0	Yes	1-SLP-01	SL	39	6P - 1-33-P-5	13.75	3.95	1"
67W	26.0	Yes	—	—	—	1-SLP-02	SL	45	6P - 1-33-P-5	13.75	3.95	1"
81W	22.0	Yes	81A	90.0	Yes	1 1/2-GVP-01	GV	16	8P - 1 1/2-34-P-5	16	5.312	2"
82W	44.0	Yes	82A	180.0	Yes	1 1/2-SLP-01	SL	30	8P - 1 1/2-34-P-5	16	5.312	2"
83W	61.0	Yes	83A	250.0	Yes	1 1/2-SLP-02	SL	40	8P - 1 1/2-34-P-5	16	5.312	2"
91W	41.0	Yes	91A	160.0	Yes	2-GVP-01	GV	5	9P - 2-33-P-5	16	5.312	2"
92W	60.0	Yes	92A	245.0	Yes	2-GSP-01	GS	16	9P - 2-33-P-5	16	5.312	2"
93W	86.0	Yes	—	—	—	2-SLP-01	SL	25	9P - 2-33-P-5	16	5.312	2"
94W	116.0	Yes	—	—	—	2-SLP-02	SL	45	9P - 2-33-P-5	16	5.312	2"

ORDERING:

Use the following guide to determine the specific product number you require.

Meter Series	Fitting Material	Float Material	O-Ring Material	Alarm Option	Order Number
7 6 1	316L SS - 2 PVC (not for air service) - 3	316L SS - 2 Hastelloy® C-276 - 4	EPR - 1 Buna - N - 2 Viton® - 3 Kalrez® - 4	No Alarm - 0 Alarm - A	See Specification Table Above