

# Water Meter Selection Guides

## Positive Displacement Meters

METER SIZE	MODEL	AWWA NORMAL FLOW (gpm)	AWWA MINIMUM FLOW (gpm)	AWWA CONTINUOUS FLOW (gpm)	LAYING LENGTH (inches)	PRESSURE LOSS (psi @ gpm)
5/8" & 5/8" x 3/4"	SRII	1-20	1/4	10	7 1/2	7.0 @ 20
3/4" & 3/4" x 1"	SRII	2-30	1/2	15	9-7 1/2 *	9.0 @ 30
1"	SRII	3-50	3/4	25	10 3/4	7.3 @ 50
5/8" & 5/8" x 3/4"	SR	1-20	1/4	10	7 1/2	10.8 @ 20
3/4" & 3/4" x 1"	SR	2-30	1/2	15	9-7 1/2 *	11.0 @ 30
1" & 1" x 1 1/4"	SR	3-50	3/4	25	10 3/4	10.9 @ 50
1 1/2"	SR	5-100	1 1/2	50	12 5/8-13 **	11.4 @ 100
2"	SR	8-160	2	80	15 1/4-17 **	12.1 @ 160

\* Short version

\*\* Flanged end version

## Compound Meters

METER SIZE	NORMAL OPERATING FLOW RANGE (gpm)	LOW FLOW ACCURACY 95% MINIMUM (gpm)	LAYING LENGTH (inches)	PRESSURE LOSS (psi @ gpm)
2"	2-160	1/4	15 1/4	5.1 @ 160
3"	4-320	1/2	17	4.2 @ 320
4"	6-500	3/4	20	3.1 @ 500
6"	10-1000	1 1/2	24	13.9 @ 1000
8" *	16-1600	2	75	14.5 @ 1600

\* 8" Manifold assembly consists of two (2) 4" compound meters, four (4) gate valves, two (2) flanged coupling adapters and two (2) 8" reducing manifolds.

## Turbo-Meters

METER SIZE	MODEL	OPERATING RANGE CONTINUOUS (gpm)	MAXIMUM FLOW INTERMITTENT (gpm)	LAYING LENGTH FLANGE ENDS (in.)	LAYING LENGTH W/STRAINER (inches)	PRESSURE LOSS (psi @ gpm)	
						METER	WITH STRAINER
1 1/2"	W-120 DR	4-120	160	13"	—	13.5 @ 120	—
1 1/2"	W-120 DRS	4-120	160	13"	13"	—	15.4 @ 120
2"	W-160 DR	4-160	200	10" *	17 1/4"	5.6 @ 160	6.5 @ 160
2"	W-160 DRS	4-160	200	17"	17"	—	12.0 @ 160
3"	W-350 DR	5-350	450	12"	19 1/4"	5.9 @ 350	6.8 @ 350
3"	W-350 DRS	5-350	450	19"	19"	—	7.1 @ 350
4"	W-1000 DR	15-1000	1250	14"	23 1/4"	3.6 @ 1000	6.1 @ 1000
6"	W-2000 DR	30-2000	2500	18"	27 1/8"	3.5 @ 2000	6.2 @ 2000
8"	W-3500 DR	35-3500	4400	20"	30 1/8"	5.8 @ 3500	8.3 @ 3500
10"	W-5500 DR	55-5500	7000	26"	41 1/8"	3.5 @ 5500	6.1 @ 5500
16"	W-10000 DR	250-10,000	12,500	29 7/8"	48"	3.5 @ 10,000	5.3 @ 10,000

\* Laying length of W-160 with screwed ends is 12".

