

SIZING THE CUSTOMER'S SERVICE AND METER

TABLE 5.6
Displacement-Type Meters Meeting AWWA Standards
Flow-Pressure Loss Averages of 1990-Model Meters

Size In	Maximum Capacity AWWA Flow Criteria		Recommended Design Criteria—80% Cap.		Continuous Flow Criteria—50% Cap.		Brands included in averages
	<i>gpm</i>	<i>psi</i>	<i>gpm</i>	<i>psi</i>	<i>gpm</i>	<i>psi</i>	
½	15	7.9	12	5.0	7.5	2.0	1
5/8	20	9.7	16	6.2	10	2.4	5
¾	30	10.4	24	6.7	15	2.6	5
1	50	9.8	40	6.3	25	2.5	5
1 ½	100	10.6	80	6.8	50	2.7	4
2	160	11.3	130	7.1	80	2.8	4

TABLE 5.7
Compound-Type Meters Meeting AWWA Standards
Flow-Pressure Loss Averages of 1990-Model Meters

Size In	Maximum Capacity AWWA Flow Criteria		Recommended Design Criteria—80% Cap.		Continuous Flow Criteria—50% Cap.		Brands included in averages
	<i>gpm</i>	<i>psi</i>	<i>gpm</i>	<i>psi</i>	<i>gpm</i>	<i>psi</i>	
2	160	8.0	130	5.1	80	2.0	5
3	320	7.2	255	4.6	160	1.8	5
4	500	6.2	400	4.1	250	1.6	5
6	1000	8.4	800	5.4	500	2.1	5
8	1600	14.5	1300	9.3	800	3.8	1

TABLE 5.8
Class II Turbine-Type Meters Meeting AWWA Standards
Flow-Pressure Loss Averages of 1990-Model Meters

Size In	Maximum Capacity AWWA Flow Criteria		Recommended Design Criteria—80% Cap.		Continuous Flow Criteria—50% Cap.		Brands included in averages
	<i>gpm</i>	<i>psi</i>	<i>gpm</i>	<i>psi</i>	<i>gpm</i>	<i>psi</i>	
2	160	4.0	130	2.5	100	1.0	5
3	350	4.0	280	2.6	240	.9	5
4	630	2.0	500	1.4	420	.7	5
6	1400	2.0	1100	1.2	920	.5	5
8	2400	2.7	1900	1.7	1600	.7	5
10	3800	2.6	3000	1.4	2500	.5	5
12	5000	1.7	4000	1.1	3300	.4	1