What Meter Size Do I Need?

District staff can not advise you regarding a meter size that may sustain your project. Please refer to the chart below for assistance determining the correct meter size necessary for your project.

In addition, meters sized 1" and larger require a Large Meter Application be completed and approved prior to procurement.

El Dorado Irrigation District

Meter Size *	Meter Description	Normal Operating Flow Range - GPM	Maximum Continuous Flow - GPM	Maximum Intermittent Flow – GPM**	Pressure Loss Not to Exceed - PSI	Maximum Operating Pressure - PSI
3/4"	Positive Displacement	2 to 30	15	30 ***	9.0	150
1"	Positive Displacement	3 to 50	25	50 ***	7.3	150
1.5"	Class II Turbine	1.25 to 200	160	200 ****	6.9	200
2"	Class II Turbine	1.5 to 250	200	250 ****	7.0	200
3"	Class II Turbine	2.5 to 650	500	650 ****	5.1	200
4"	Class II Turbine	3 to 1250	1000	1250 ****	8.7	200
6"	Class II Turbine	4 to 2500	2000	2500 ****	8.2	200
8"	Class II Turbine	35 to 4400	3500	4400 ****	8.3	150
10"	Class II Turbine	55 to 7000	5500	5500 ****	6.2	150

* Some meter installations will require the use of a backflow prevention device

** During a 1 – 3 minute duration

*** Not to exceed 10% of run time or 2 hours per day Per AWWA Standard C700

**** Not to exceed 33% of run time or 8 hours per day Per AWWA Standard C701