

Measurements for Water Meters

Outside Threads

Meter Size	Spuds Coupling	Gaskets	Meter Length	Backflow Preventer	Between Studs	Screens
3/4 inch	2-1/2"	1/8"	7-1/2"	4"	11-1/2"	Internal
1 inch	2-5/8"	1/8 "	11"	P.O.C.	11-1/2 "	Internal

Flange Magnetic or Remote - All Types

Meter Size	Flange	Gaskets	Meter Length	Backflow Preventers	Between Flanges	Screens
1-1/2 " (100 gpm)	See Note	1/8"	13:00	P.O.C.	13-1/4"	Internal
2" (160 gpm)	See Note	1/8"	17"	P.O.C.	17-1/4"	Internal

All Other Sizes Will Be Discussed

Turbine Meters (All Types)

Meter Size	Flange	Gaskets	Meter Length	Backflow Preventers	Between Flanges	Internal
1-1/2" Turbine	See Note	1/8"	10"	P.O.C.	15"	5"
Need a minimum of 15" straight pipe upstream - 10" downstream						
2" Turbine	See Note	1/8"	10"	P.O.C.	15"	5"
Need a minimum of 20" straight pipe upstream - 10" downstream						
4" Turbine	See Note	1/16"	14"	P.O.C.	21-3/4"	7-1/2"
Need a minimum of 40" straight pipe upstream - 20" downstream						
6" Turbine	1-3/8"	1/16"	18"	P.O.C.	27-1/8"	9"

P.O.C. = Property Owners' Cost

When a backflow device is not included with the meter, the property owner or applicant will be required to supply an approved device recommended by the City Water Superintendent and Plumbing Inspector.

Note 1-1/2" and 2" meter flanges are 1" in length for male connection. (Brass Preferred)

All meters must be positioned horizontally and must provide convenient access for reading and service.