



# PUBLIC WORKS DEPARTMENT

## Engineering Division

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### Town of Jackson Water Meter Size and Flow Rates

The Town of Jackson uses Neptune Meters. Table of Make, model, size, flow, flow range for the meter, typical use/application. <https://www.neptunetg.com/products/watermeters/>

Model	Size (in)	Normal Operating Range @ 100% Accuracy (+/- 1.5%)	Maximum IPC Fixture Units <sup>1</sup>	Typical Use
<b>STANDARD METERS</b>				
T-10	¾	¾ to 30	50	Residential / Office / Retail / Restaurant
T-10	1	1 to 50	120	Residential / Office / Retail / Restaurant
T-10	1 ½	2 to 100	400	Restaurant / Light Commercial
T-10	2	2 ½ to 160	550	Light Commercial / Light Industrial
<b>COMPOUND METERS</b>				
TRU/FLO	2	½ to 200		Multifamily/Hotels / Heavy Commercial
TRU/FLO	3	½ to 450		Multifamily/Hotels / Heavy Commercial
TRU/FLO	4	1 to 1,000		Multifamily/Hotels / Heavy Commercial
TRU/FLO	6	1 ½ to 2,000		Multifamily/Hotels / Heavy Commercial
<b>HIGH FLOW METERS</b>				
HP Turbine	1 ½	4 to 160		Irrigation
HP Turbine	2	4 to 200		Irrigation
HP Turbine	3	5 to 450		Irrigation
HP Turbine	4	10 to 1,200		Irrigation / Light Industrial
HP Turbine	6	20 to 2,500		Irrigation/Industrial/Development
HP Turbine	8	35 to 4,000		Irrigation/Industrial/Development
HP Turbine	10	50 to 6,500		Irrigation/Industrial/Development

<sup>1</sup>Fixture unit limits were estimated from Table E103.3(3) of the International Plumbing Code (IPC) and assume the use of Flush Tanks.

#### NOTES:

1. Single Family, Duplex, Office, Retail, etc. are only allowed ¾ and 1-inch meters without water demand calculations. They are also more affordable.
2. AWWA M22 Figure 4-7: ¾ inch garden hose at 60 psi is approximately 16 gpm (12 IPC fixture Units)
3. AWWA M22 Table 4-5 - Service Line Size and Maximum Irrigated Turf Area: ¾" Service ~ 14,500 square feet.
4. Monthly Base Charges are based on meter size.
5. Fire suppression systems do not require metering.