



Town of Lake Placid

Meter Sizing Form

Customer Name: _____ Date: _____

Location Address: _____

| System is Predominantly | | Load Value | # of Fixtures | Fixture Units | Demand (GPM) | Meter Size |
|-------------------------|---------------------|------------|---------------|---------------|--------------|------------|
| Bathroom Group* | Flush Tank | 3.6 | x | = | 0-30 | 3/4" |
| | Flushometer Valve | 8 | x | = | 30-50 | 1" |
| Bathtub | | 1.4 | x | = | 50-100 | 1 1/2" |
| Bidet | | 2 | x | = | 100-160 | 2" |
| Dishwasher | Residential | 1.4 | x | = | 160-320 | 3" |
| Washing Machine | Private (8lb) | 1.4 | x | = | 320-500 | 4" |
| | Public (8lb) | 3 | x | = | | |
| | Public (15lb) | 4 | x | = | | |
| Drinking Fountain | | 0.25 | x | = | | |
| Shower | Private | 1.4 | x | = | | |
| | Public | 4 | x | = | | |
| Sink | Residential Kitchen | 1.4 | x | = | | |
| | Restaurant Kitchen | 4 | x | = | | |
| | Laundry tray | 1.4 | x | = | | |
| | Lavatory | 0.7 | x | = | | |
| | Service | 3 | x | = | | |
| | Commercial | 4 | x | = | | |
| Urinal | Flushless | 0 | x | = | | |
| | 3/4" Valve | 5 | x | = | | |
| | 1" Valve | 10 | x | = | | |
| Water Closet Private | Flushometer Tank | 2 | x | = | | |
| | Flushometer Valve | 6 | x | = | | |
| | Flush Tank | 2.2 | x | = | | |
| Water Closet Public | Flushometer Tank | 5 | x | = | | |
| | Flushometer Valve | 10 | x | = | | |
| | Flush Tank | 2.2 | x | = | | |

Required Meter 0

Total = _____ Fixture Units
 Fixture Demand (From Table A) = _____ GPM

| Additional Demands | Flow Rate (GPM) | # of Fixtures | |
|-------------------------------|-----------------|---------------|-------------|
| Hose Bibb | 5 | x | = |
| Sprinklers** | 5 | x | = |
| List any fixtures not listed: | | x | = |
| Other: | | x | = |
| Other: | | x | = |
| Other: | | x | = |
| Additional Demands Total | | | = _____ GPM |

DEMAND TOTAL
 (Fixture Demand + Additional Demand) = _____ GPM

*Private group of fixtures consisting of water closet, lavatory, bathtub or shower
 ** Max fixtures to be run simultaneously
 *** Based on 2014 FL Plumbing Code
 **** Meters larger than 4" must be sized by an Engineer

Table A

| PREDOMINANTLY FLUSH TANKS | | PREDOMINANTLY FLUSHOMETER VALVES | |
|---------------------------|-----------------|----------------------------------|-----------------|
| LOAD (FIXTURE UNITS) | DEMAND (GPM) | LOAD (FIXTURE UNITS) | DEMAND (GPM) |
| 1 | 3.0 | - | - |
| 2 | 5.0 | - | - |
| 3 | 6.5 | - | - |
| 4 | 8.0 | - | - |
| 5 | 9.4 | 5 | 15 |
| 6 | 10.7 | 6 | 17.4 |
| 7 | 11.8 | 7 | 19.8 |
| 8 | 12.8 | 8 | 22.2 |
| 9 | 13.7 | 9 | 24.6 |
| 10 | 14.6 | 10 | 27 |
| 11 | 15.4 | 11 | 27.8 |
| 12 | 16.0 | 12 | 28.6 |
| 13 | 16.5 | 13 | 29.4 |
| 14 | 17.0 | 14 | 30.2 |
| 15 | 17.5 | 15 | 31 |
| 16 | 18.0 | 16 | 31.8 |
| 17 | 18.4 | 17 | 32.6 |
| 18 | 18.8 | 18 | 33.4 |
| 19 | 19.2 | 19 | 34.2 |
| 20 | 19.6 | 20 | 35 |
| 25 | 21.5 | 25 | 38 |
| 30 | 23.3 | 30 | 42 |
| 35 | 24.9 | 35 | 44 |
| 40 | 26.3 | 40 | 46 |
| 45 | 27.7 | 45 | 48 |
| 50 | 29.1 | 50 | 50 |
| 60 | 32.0 | 60 | 54 |
| 70 | 35.0 | 70 | 58 |
| 80 | 38.0 | 80 | 61.2 |
| 90 | 41.0 | 90 | 64.3 |
| 100 | 43.5 | 100 | 67.5 |
| 120 | 48.0 | 120 | 73 |
| 140 | 52.5 | 140 | 77 |
| 160 | 57.0 | 160 | 81 |
| 180 | 61.0 | 180 | 85.5 |
| 200 | 65.0 | 200 | 90 |
| 225 | 70.0 | 225 | 85.5 |
| 250 | 75.0 | 250 | 101 |
| 275 | 80.0 | 275 | 104.5 |
| 300 | 85.0 | 300 | 108 |
| 400 | 105.0 | 400 | 127 |
| 500 | 124.0 | 500 | 143 |
| 750 | 170.0 | 750 | 177 |
| 1000 | 208.0 | 1000 | 208 |
| 1250 | 239.0 | 1250 | 239 |
| 1500 | 269.0 | 1500 | 269 |
| 1750 | 297.0 | 1750 | 297 |
| 2000 | 325.0 | 2000 | 325 |
| 2500 | 380.0 | 2500 | 380 |
| 3000 | 433.0 | 3000 | 433 |
| 4000 | 525.0 | 4000 | 525 |
| 5000 | 593.0 | 5000 | 593 |