WATER METER

HOW TO READ THE WATER METER.

2 METER TYPES – SMALL & Large Sizes

SMALL METER SIZES: 5/8", ¾", 1"

1 cu ft = 7.48 gal

0.1 cu ft = 0.748 gal

10 cu ft = 74.8 gal

0.01 cu ft = 0.0748 gal = 9.575 oz

100 cu ft = 748 gal

BILLED AT 100 CU FT - WHITE BACKGROUND DIALS

SMALL meter sizes, go down to ounces (oz): 0.01

1708 x **748** gal = 1,277,584 gal

7083643 x **0.0748** gal = 1,277,856.4964 gal

Decimal: remove from read for equation

17083 x **74.8** gal = 1,277,808.4 gal

170836 x **7.48** gal = 1,277,853.28 gal

1708364 X **0.748** gal = 1,277,856.272 gal

2 METER TYPES – Small & LARGE Sizes

LARGE METER SIZES: 1.5", 2",3",4"

1 cu ft = 7.48 gal

0.1 cu ft = 0.748 gal

10 cu ft = 74.8 gal

100 cu ft = 748 gal

BILLED AT 100 CU FT - WHITE BACKGROUND DIALS

LARGE meter sizes, don't go down to ounces (oz): 0.01

00000 x **748** gal = 0 gal

000002 x **74.8** gal =149.6 gal

Decimal: remove from read for equation

0000025 x **7.48** gal = 187 gal

00000252 X **0.748** gal = 188.496 gal

Calculating Low Flow Consumption in Gallons

Use the dials located to the right of the decimal. The first dial would be 0.748 gal every turn, which is about ¾ of a gallon. The next dial would be 9.575 oz every turn, which is about 7% of a gallon. Below is the calculation for every dial turn and a conversion table:

100 cubic feet = 748 gal / 1 cubic foot (cu ft) = 7.48 gallons (gal) / 1 gallon (gal) = 128 ounces (oz)

0 1 0 0	1 cu ft	7.48 gal	0 0 1 0	0.1 cu ft	0.748 gal = 95.75 oz
0 0 9 0	0.9 cu ft	6.732 gal	0 0 0 9	0.09 cu ft	86.175 oz
0 0 8 0	0.8 cu ft	5.984 gal	0 0 0 8	0.08 cu ft	76.600 oz
0 0 7 0	0.7 cu ft	5.236 gal	0 0 0 7	0.07 cu ft	67.025 oz
0 0 6 0	0.6 cu ft	4.488 gal	0 0 0 6	0.06 cu ft	57.450 oz
0 0 5 0	0.5 cu ft	3.740 gal	0 0 0 5	0.05 cu ft	47.8753 oz
0 0 4 0	0.4 cu ft	2.992 gal	0 0 0 4	0.04 cu ft	38.300 oz
0 0 3 0	0.3 cu ft	2.244 gal	0 0 0 3	0.03 cu ft	28.725 oz
0 0 2 0	0.2 cu ft	1.496 gal	0 0 0 2	0.02 cu ft	19.150 oz
0 0 1 0	0.1 cu ft	0.748 gal = 95.75 oz	0 0 0 1	0.01 cu ft	9.575 oz

Every turn is 0.748 gl (about 75% of a gallon)

Every turn is 9.575 oz (about 7% of a gallon)