

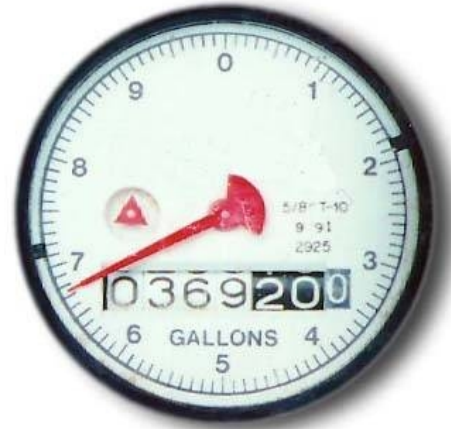
Sub-metering & Billing Solutions

How to read Your Meter

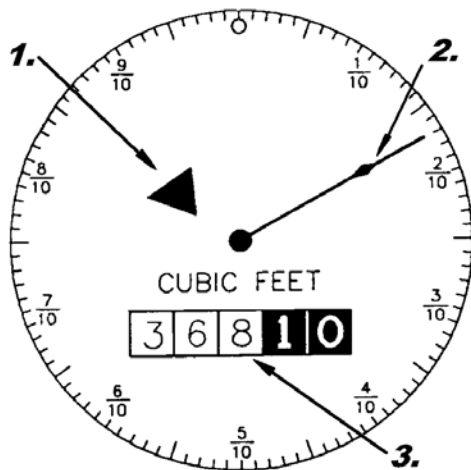
Thanks to eHow.com for providing diagrams and information

Water meters are precisely calibrated pieces of equipment built to accurately measure large and small amounts of water for many years. Although yours may differ slightly, the dial shown below is typical of most residential meters.

The meter shown in the image to the right reads 369,206.8 gallons (Most utility companies report water consumption to the nearest hundred gallons therefore 3,692 hundred gallons.)



The meter diagram shown below reads 36,811.7 cubic feet, or 368 HCF (hundred cubic feet)



1. Leak Detector

This triangle rotates even with very small amounts of water moving through the meter. If the triangle turns when all water is off in the house, you have a leak that should be investigated further.

2. Sweep Hand

Each rotation of the sweep hand measures one cubic foot, or 7.48 gallons of water passing through the meter. The markings around the outside of the dial indicate tenths and hundredths of one cubic foot.

3. The Register

These numbers keep a running total of all water that has passed through the meter. Subtracting the last read from these numbers will tell you how many cubic feet of water have been used.

Water Unit Equivalents:

1 cubic foot = 7.48 gallons
100 cubic feet = 748 gallons

This information can be used to monitor water bill readings from month to month and calculate gallons consumed for comparison with the utility bill, to help detect leaks or identify other issues and errors.