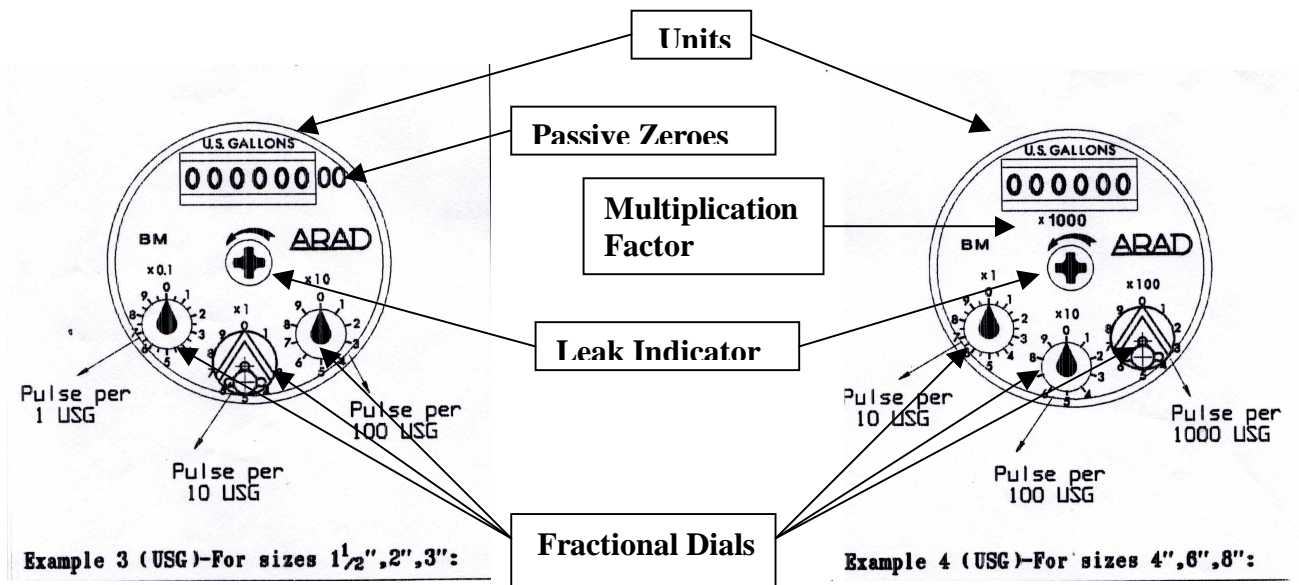


Arad Hydrometers



Dial Reading instructions

In order to allow for greater quantities to be measured before the register rolls over to zero Arad offers two options:

1. Passive Zero

Passive Zero (one or more), are added to the end of the cumulative register reading of the larger meters to allow for greater quantities to be measured before the register rolls over to zero. One "0" indicates 10 and two "0"s indicates 100.

For example, if the rotating rollers were to read **000110**, and the dial has one passive zero, the correct reading would be **0001100**.

2. Multiplication Factor

The multiplication factor is used in order to allow larger quantities to be measured before the register rolls over to zero. If the dial face has a multiplication factor of X 1000, the correct reading should be the reading of the rollers multiplied by 1000. For example, if the rotating rollers were to read **000110** U.S gallons, and the dial has a multiplication factor of X 1000, the correct reading would be **110,000** U.S gallons.

Leak Indicator

This is the dial that will register the lowest flow through the meter. If all services will be shut off and this dial continues to rotate, it would indicate that there might be a leak in the network.

Fractional Dials

These dials measure quantities smaller than the cumulative register. These dials are read from left to right, with the left most dial reading the smallest amount and the right most the highest amount.

Each dial has a figure above it. This figure is the multiplication factor for the dial.

For example: if the smallest fractional dial (the one on the left) has X0.1 written above it and the pointer was pointing at the figure 2, to read the amount, you would multiply $2 \times 0.1 = 0.2$ U.S. gallons.