

How to Read an Encoder

E-Series® Meters with High Resolution Protocol

The HR-E LCD encoder has a 9-digit Liquid Crystal Display (LCD) to show consumption, flow and alarm information. The display automatically toggles between 9-digit and 6-digit consumption, rate of flow and meter model.

VISUAL READING DISPLAYS

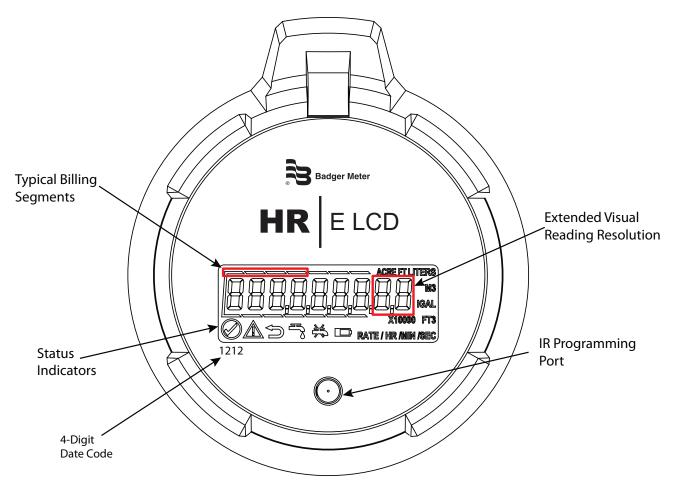
- The 9-digit display provides your utility with the finest reading resolution.
- The 6-digit display represents the equivalent of the moveable number wheels on a 6-dial mechanical encoder.

UTILITY BILLING STANDARDS FOR METER READING

Typical 6-wheel odometer registration is designed with white and black number wheels for local readability with the white number wheels corresponding to the "typical" utility standard meter reading units:

- Gallons reading to the nearest 1000 gallons
- Cubic Feet reading to the nearest 100 ft³
- Cubic Meters reading to the nearest 10 m³ ٠

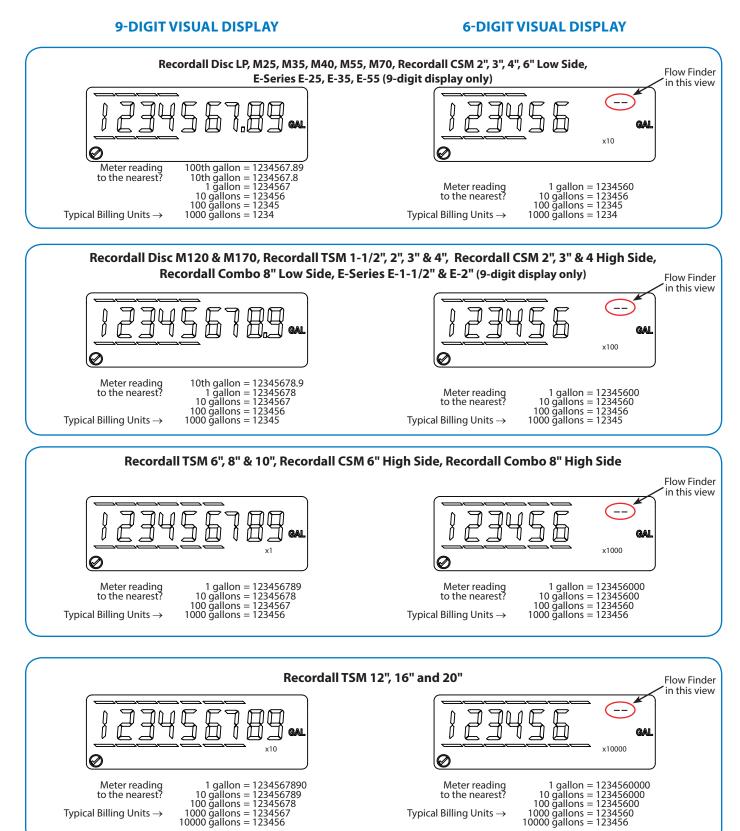
The HR-E LCD encoder is designed with segmented lines above the numeric dials. The segmented lines above the numbers on the LCD display represent what the white numbers wheels do for the mechanical encoders—the typical utility standard meter reading.



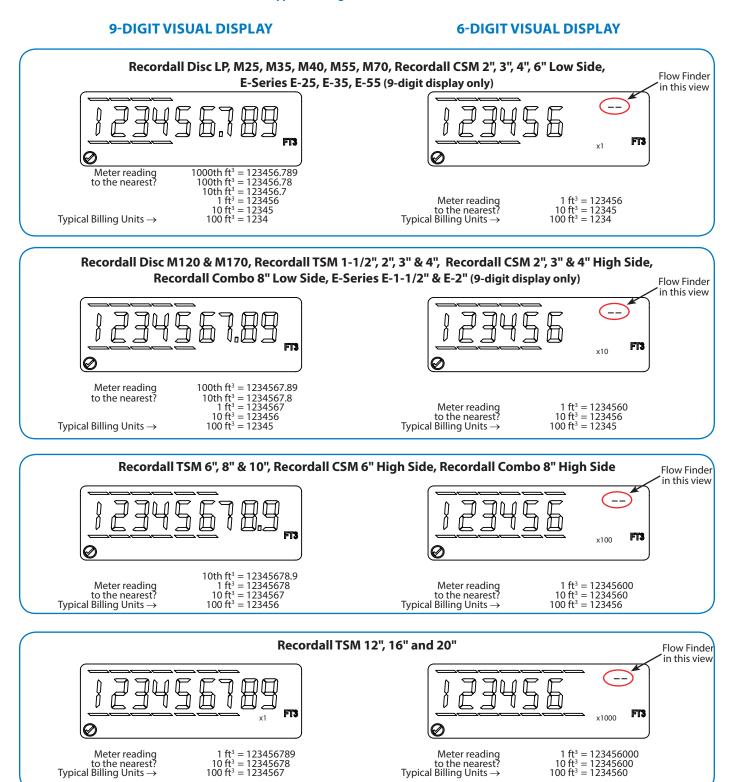
Application Brief

GALLONS

Typical Billing Unit of 1000 Gallons



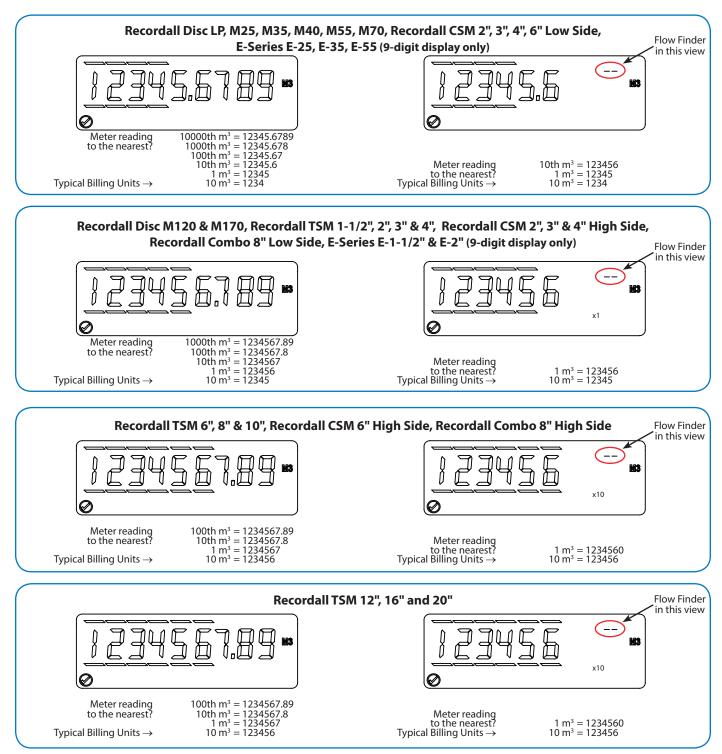
CUBIC FEET Typical Billing Unit of 100 Cubic Feet



CUBIC METERS **Typical Billing Unit of 10 Cubic Meters**

9-DIGIT VISUAL DISPLAY

6-DIGIT VISUAL DISPLAY



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