

How to Read an Encoder

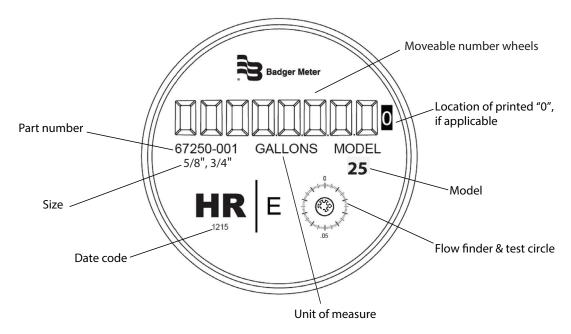
HR | E High Resolution Encoder

The HR-E high resolution encoder has an 8-wheel display to show consumption down to 1/10th gallon, 1/100th ft³, 1/1000th m³.

UTILITY BILLING STANDARDS FOR METER READING

The HR-E 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 1 m³



GALLONSTypical Billing Unit of 1000 Gallons

Recordall® Disc LP, M25, M35, M40, M55, M70, Recordall CSM 2", 3", 4", 6" Low Side

12345678

Meter reading to the nearest?

10th gallon = 1234567.8 1 gallon = 1234567 10 gallons = 123456 100 gallons = 12345 1000 gallons = 1234

Typical Billing Units \rightarrow

Recordall Disc M120 & M170, Recordall TSM 1-1/2", 2", 3" & 4", Recordall CSM 2", 3" & 4" High Side, Recordall Combo 8" Low Side

12345678

Meter reading to the nearest?

1 gallon = 12345678 10 gallons = 1234567 100 gallons = 123456 1000 gallons = 12345

Typical Billing Units →

Recordall TSM 6", 8" & 10", Recordall CSM 6" High Side, Recordall Combo 8" High Side

123456780

Meter reading to the nearest?

1 gallon = 123456780 10 gallons = 12345678 100 gallons = 1234567 1000 gallons = 123456

Typical Billing Units →

Recordall TSM 12", 16" and 20"

1234567800

Meter reading to the nearest?

1 gallon = 1234567800 10 gallons = 123456780 100 gallons = 12345678 1000 gallons = 1234567 10000 gallons = 123456

Typical Billing Units \rightarrow

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CUBIC FEET

Typical Billing Unit of 100 Cubic Feet

Recordall Disc LP, M25, M35, M40, M55, M70, Recordall CSM 2", 3", 4", 6" Low Side

Meter reading to the nearest?

 $\begin{array}{c} 100th \ ft^3 = 123456.78 \\ 10th \ ft^3 = 123456.7 \\ 1 \ ft^3 = 123456 \\ 10 \ ft^3 = 12345 \\ 100 \ ft^3 = 1234 \end{array}$

Typical Billing Units \rightarrow

Recordall Disc M120 & M170, Recordall TSM 1-1/2", 2", 3" & 4", Recordall CSM 2", 3" & 4" High Side, **Recordall Combo 8" Low Side**

Meter reading to the nearest?

Typical Billing Units \rightarrow

 $1 \text{ ft}^3 = 1234567$ $10 \text{ ft}^3 = 123456$ $100 \text{ ft}^3 = 12345$

Recordall TSM 6", 8" & 10", Recordall CSM 6" High Side, Recordall Combo 8" High Side

 $\begin{array}{c} \text{Meter reading} \\ \text{to the nearest?} \\ \text{Typical Billing Units} \rightarrow \end{array}$

 $10 \text{ ft}^3 = 1234567$ $100 \text{ ft}^3 = 123456$

Recordall TSM 12" and 16"

Meter reading to the nearest? Typical Billing Units →

10 ft³ = 12345678 100 ft³ = 1234567

Recordall TSM 20"

Meter reading to the nearest? Typical Billing Units →

 $1 \text{ ft}^3 = 1234567800$ $10 \text{ ft}^3 = 123456780$ $100 \text{ ft}^3 = 12345678$

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CUBIC METERS Typical Billing Unit of 1 Cubic Meter

Recordall Disc LP, M25, M35, M40, M55, M70, Recordall CSM 2", 3", 4", 6" Low Side

Meter reading to the nearest?

Typical Billing Units →

1000th m3 = 12345.678 100th m³ = 12345.67 10th m³ = 12345.6 1 m³ = 12345

 $10 \text{ m}^3 = 1234$

Recordall Disc M120 & M170, Recordall TSM 1-1/2", 2", 3" & 4", Recordall CSM 2", 3" & 4" High Side, **Recordall Combo 8" Low Side**

Meter reading to the nearest? Typical Billing Units \rightarrow

 $100th m^3 = 123456.78$ 10th m³ = 1234567.8 1 m³ = 123456 10 m³ = 12345

Recordall TSM 6", 8", 10" & 12", Recordall CSM 6" High Side, Recordall Combo 8" High Side

Meter reading to the nearest? Typical Billing Units \rightarrow

 $\begin{array}{c} 10th \ m^3 = 1234567.8 \\ 1 \ m^3 = 1234567 \\ 10 \ m^3 = 123456 \end{array}$

Recordall TSM 16" & 20"

Meter reading to the nearest? Typical Billing Units →

1 m³ = 1234567 10 m³ = 123456

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