

**How to Read**

It is important to become familiar with the information available from the meter. To identify this information the following icons and displays are helpful.

**Table 2 Icons and Displays**



Light Sensor, recessed under the small hole near the center of the faceplate of the E-Coder)R900i, supplies the power for the LCD panel (light activated).



Flow/Leak Indicator shows the direction of flow through the meter:

**ON** Water in use

**OFF** Water not in use.

**Flashing** Water is running slowly/low flow indication.



Leak indicator displays a possible leak:

**OFF** No leak indicated.

**Flashing** Intermittent leak indicated. Water used during at least 1/2 of the 15-minute intervals in the last 24 hours (96 15-minute intervals in a 24-hour period).

**Continuous ON** Continuous leak indicated. Water used during all 15-minute intervals in the last 24 hours.



Nine-digit LCD displays the meter reading in billing units of measure.

Last **three** digits Testing units used for meter testing.

**Fifth** and **sixth** reading digits Reading units.

First **four** digits Typical billing digits.

### Common Causes of Leaks


If the leak indicator is flashing or continuously on, the E-Coder)R900i is indicating that a possible leak may exist. Leaks can result from various circumstances. To better help you identify a possible leak, the following table contains some common causes of leak problems that can occur.

**Table 3 Possible Leaks**

Possible Cause of Leak	Intermittent Leak	Continuous Leak
Outside faucet, garden or sprinkler system leaking	✓	✓
Toilet valve not sealed properly	✓	✓
Toilet running		✓
Faucet in kitchen or bathrooms leaking	✓	✓
Ice maker leaking		✓
Soaker hose in use		✓
Leak between the water meter and the house		✓
Washing machine leaking	✓	✓
Dishwasher leaking	✓	✓
Hot water heater leaking		✓
Watering yard for more than eight hours	✓	✓
Continuous pet feeder		✓
Water-cooled air conditioner or heat pump	✓	✓
Filling a swimming pool		✓
Any continuous use of water for 24 hours		✓

## How to Tell if Water is in Use

To determine if water is in use, complete the following steps:

- 1 Check the  flow indicator by closely watching it for two minutes.
- 2 Determine the following conditions:
  - If the arrow is flashing, then water is running very slowly.
  - If the arrow is continuously ON, water is running.
  - If the arrow does not flash, water is not running.

## What to Do if There is a Leak


The following checklist can be helpful if the E-Coder)R900i leak indicator shows a possible leak.

**Table 4 Checklist for Leaks**

- Check all faucets for possible leaks.
- Check all toilets and toilet valves.
- Check the ice maker and water dispenser.
- Check the yard and surrounding grounds for a wet spot or indication of a leaking pipe.

## If Continuous Leak is Repaired


If a continuous leak is found and repaired, complete the following steps:

- 1 Use no water for at least 15 minutes.
- 2 Check the  leak icon.

If the leak indicator is continuous ON to flashing, then a leak is no longer indicated.

## If Intermittent Leak is Repaired

If an intermittent leak is found and repaired, complete the following steps:

Check the  leak icon after at least 24 hours.

If the leak has been correctly repaired, the leak icon changes from flashing to OFF.

## Software

A software update is required for N\_SIGHT™ R900 to interpret the advanced feature data communicated from the Neptune E-Coder)R900i.