

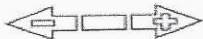
How to Read

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 | Intermit- tent Leak | Continu- ous 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.