EPCOR

HOW TO READ
YOUR METER

READING YOUR WATER METER

Your water meter can be a useful tool to help increase water efficiency in your home. It's also valuable in understanding your own water consumption patterns.

The reading from your water meter determines the amount you are charged every month on your bill. You can read the meter yourself to verify your bill, monitor your water use, check for suspected leaks or experiment with efficient landscaping practices. Your water meter can even measure how much your washing machine or dishwasher uses, how much water your sprinkler or irrigation system uses, or record your swimming pools auto-float fill.

Reading your meter is like reading the odometer of your car, except that it measures gallons of water instead of miles. The meter can never be reset. Your meter might look slightly different, but all meters work in the same general way.

DID YOU KNOW?

Your meter type depends on when your meter was last replaced. Below are instructions for checking both **Dial Meters** and **Automated Meter Reading** (AMR) Meters.

TIP

Open your meter box with a screwdriver, being careful to watch for any animals or insects that might be hiding in the meter box.

DIAL METER

The meter shown below is a typical dial water meter register.

On this type of meter, the last zero is fixed (does not move). The black dial hand measures single gallons. A full rotation of this dial hand measures 10 gallons. The triangular dial in the middle indicates whether water is being used or is flowing through the meter. If you think all of the water is off in your house, and the triangle is still spinning, check your plumbing. You may have a leak!
The four white dials are used to bill your consumption.

Dial Hand
Measures per gallon and is dependent on meter size. One full rotation of the 5/8" to 1" meter, as shown, will turn the tens gallon to the next number; on this meter it will turn the 4 to a 5. On a 1.5" to 4" meter there is a full rotation at 100 gallons and a 6" meter has a full rotation at 1,000 gallons.

Triangular Dial
Commonly called low-flow indicator or leak detector. If this dial is rotating or has movement, then water is running through the meter.

6 7 9 1 **3 4** 0
GALLONS

Meter Reading and Billing of Usage
The first digit, zero, is fixed. The next following digits record gallons in tens, hundreds, thousands, ten thousands, hundred thousands and millions.

The four white dials are used for billing consumption in thousand gallon increments.

See reverse side for AMR meters.

AUTOMATED METER READING (AMR) METERS

WANT TO KNOW HOW MUCH WATER YOU'RE USING?

To find the amount of water used between any two periods of time, try to read the meter at the same time of the day, and record the meter readings. Subtract the first meter reading from the second meter reading. The difference between the second reading and the first reading will be the number of gallons used during that period of time. Use a flashlight to see the LCD display if needed.

LCD Display

RATE

RATE OF FLOW
Average flow rate is displayed every six seconds on LCD display.

LEAK INDICATOR SYMBOL
Displays a possible leak.

If you see:

OFF = No leak indicated.

FLASHING = Intermittent leak indicates that water has been used for at least 50 of the 96 15-minute intervals during a 24-hour period.

ON CONTINUOUSLY = Indicates water use for all 96 15-minute intervals during a 24-hour period.

The decimal on your LCD display will vary depending on your meter size.

E-Coder 9-digit for 5/8" – 1" meter

1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	. 0	0	
1M	100K	10K	1K	100	10	1	.1	.01

E-Coder 9-digit for 1.5" – 5" meter

1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	. 0	
10M	1M	100K	10K	1K	100	10	1	.1

E-Coder 9-digit for 6" meter

1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0
100M	10M	1M	100K	10K	1K	100	10	1

The LCD display records gallons in ones, tens, hundreds, thousands, ten thousands, hundred thousands and millions.

EXAMPLE

Daily — **Reading**

	Reading	
Sunday, 8/5/15, 6 a.m.	6 7 8 1 4 8 0	6782030
Sunday, 8/5/15, 6 p.m.	6 7 8 2 0 3 0	-6781480
		550 gallons were used

Weekly — **Reading**

	Reading	
Monday, 8/6/15, 12 p.m.	6 7 8 2 1 6 0	6791340
Monday, 8/13/15, 12 p.m.	6 7 9 1 3 4 0	-6782160
		9,180 gallons were used

QUESTIONS?

Contact our customer care team at 1-800-383-0834 or visit epcor.com.

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