

# WATER METER

**MODEL:** LC  
**DIAMETER:** 12" - 300 mm



## Versions :

<b>LC-F</b>	Cold water (50 °C max), direct read
<b>LC-F-P</b>	Cold water (50 °C max), direct read with pulses

Note : Water meters with pulses can provide a remote reading with or without a reset option.

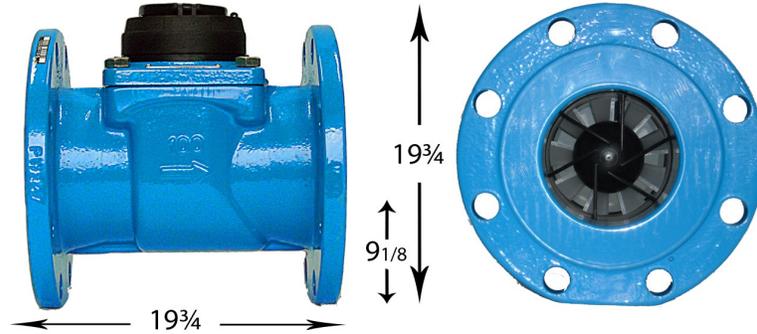
<b>TYPE:</b>	Turbine
<b>UNIT OF MEASUREMENT:</b>	m <sup>3</sup> (liters)
<b>HEAD LOSS:</b>	At 17 500 liters/min : 10 kPa or 1.5 psi (see chart on page C235)
<b>OPERATING PRESSURE:</b>	232 psi maximum
<b>APPLICATION:</b>	This model is built to totalize the amount of potable water flowing inside a pipeline.
<b>ADDITIONAL INFORMATION:</b>	The body is covered with an anti-corrosive paint.

FLOW RANGE & ACCURACY	Liters/minute
<b>Version</b>	<b>LC-F</b>
Flow range	213.33 to 33333
Accuracy 98-102 %	341.33 to 33333
Accuracy 95-105 %	213.33 to 341.33
1 liter = 0.2199 imperial gallon or 0.2642 US gallon	

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DIMENSIONS (inches)



**WEIGHT:** 103.1 kg / 227 lbs

**OPERATION:** The product utilizes a rotor that water activates in a measuring chamber. The revolutions are then transferred by a magnetic drive to a straight reading sealed register.

**REGISTER:** Hermetically sealed.

**CONNECTIONS:** Round flanges (ANSI B 16.1)

**INSTALLATION:** Horizontally with the flow going the same way as the arrow on the meter's casing. (See page C 235 for more details)

**MAINTENANCE:** The meter requires no maintenance. However, it is recommended to verify the meter's accuracy every year. Please note that each meter is individually calibrated before leaving our workshop.

**ADDITIONAL INFORMATION:**

- Large surface register and color coded odometer facilitating the reading;
- Possibility to swap registers without interrupting water flow;
- Compact meter easy to install.

1 m<sup>3</sup> = 220 Imp. gal or 264 US gal or 1000 liters  
 1 liter = 0.2199 Imp. gal or 0.2642 US gal  
 1 psi = 6.66 kPa

**DIRECT READ REGISTER**

