

# kamstrup



## Pushing Boundaries, Driving Accuracy

Master your water resources.

### flowIQ® 3200

For commercial and industrial (C&I) applications. Available in sizes 1 ½" to 4" — with embedded acoustic leak detection in 1 ½" and 2" meters.



# Reliable, Accurate, and Efficient

The flowIQ® 3200 features groundbreaking ultrasonic technology that offers unmatched precision and reliability in water flow measurements. This meter provides more than data; it offers a wide measuring range that captures everything from an off-hours toilet flush to peak-hour water consumption. This sensitivity ensures billing accuracy and delivers essential insights to help transform your billing efficiency, safeguard vital resources, and elevate customer satisfaction.

The flowIQ® 3200 comes with robust advanced meter alarms. These alarms include continuous flow, excessive usage, tamper, dry pipe, reverse flow, and low battery. They provide valuable information to optimize operations and troubleshoot issues in the field from the utility office.

We've also made integrating the flowIQ® 3200 into your existing infrastructure as simple as possible. With RF (AMR/AMI) and Encoded Output options available, the 3200 is equipped to communicate as your Utility needs require, providing access to near real-time data remotely. Streamlining your operations and discovering new horizons for efficiently managing your resources is easy with the flowIQ® 3200.





# Reimagining Resource Management

## The flowIQ® 3200 offers:

### **Sustained Accuracy**

The flowIQ® 3200 utilizes solid-state ultrasonic technology to provide accurate and reliable water flow measurements across a wide flow range. For utilities, the benefit is trust in the data, making billing cycles more reliable and efficient, while improving customer service and revenue capture.

### **Embedded Acoustic Leak Detection (ALD)**

The flowIQ® 3200 (1 ½" and 2") includes Kamstrup's revolutionary embedded ALD to enable utilities to identify potential leaks in both service and main lines. These ALD capabilities may be activated anytime through a software-based upgrade without impacting the meter's battery life or warranty.

### **Integrated Smart Metering**

The flowIQ® 3200, with its embedded AMR/AMI data communications, enables "plug-and-play" remote reading, data analysis, and near real-time monitoring while eliminating the potential points of failure of an external radio device.

### **Data Analysis**

The flowIQ® 3200 offers a consumption histogram that provides water utilities with valuable data and insights into service connection water usage patterns. This information can be used to optimize connection sizes, forecast demand, plan resources, and implement water conservation initiatives.

### **Easy Installation**

The meter's compact design, flexible mounting options, and user-friendly interface simplify installation. It can be mounted horizontally or vertically with no upstream/downstream pipe-length requirements.

### **Unmatched Quality & Innovation**

Kamstrup is a global leader in robotic manufacturing, delivering a high-quality product for use in an industry known for harsh conditions. Tour our North American manufacturing facility in Cumming, GA to see how Kamstrup meters are made and to understand why we can claim a remarkably low global return rate of .05%.



# The flowIQ® 3200 At a Glance

For detailed technical documentation, refer to the flowIQ® 3200 datasheet and documentation available at [kamstrup.com](http://kamstrup.com).

Features	Applications	Sizes	Communications	Intelligent Alarms	Battery Lifetime
<b>flowIQ® 3200</b>	Potable Water Fire Service Reclaimed	1 ½", 2", 3", 4"	RF (AMR/AMI) Encoded Output	Leak Burst Tamper Dry Reverse Flow Low Battery	Up to 20 years

## Operating Characteristics

Meter Size	Material	Start Flow	Min Flow	Transition Flow <sup>1</sup>	Max Flow	Pressure Loss SMOC <sup>2</sup>	Connection on Meter	Lay Length	Total Weight
Inches	Stainless Flanged	GPM L/h	GPM L/h	GPM m3/h	GPM m3/h	PSI bar	Inches	Inches mm	lbs kg
<b>1 ½"</b>	✓	<b>0.035 GPM</b> 8	<b>0.4</b> 90.8	<b>1.2</b> 0.27	<b>120</b> 27.25	<b>5.5</b> 0.38	<b>1.5"</b>	<b>13"</b> 330	<b>13</b> 5.9
<b>2"</b>	✓	<b>0.088 GPM</b> 20	<b>0.5</b> 113.6	<b>1.5</b> 0.34	<b>160</b> 36.34	<b>1.8</b> 0.12	<b>2"</b>	<b>15.25"</b> 387	<b>17</b> 7.7
<b>2"</b>	✓	<b>0.088 GPM</b> 20	<b>0.5</b> 113.6	<b>1.5</b> 0.34	<b>160</b> 36.34	<b>1.8</b> 0.12	<b>2"</b>	<b>17"</b> 432	<b>19</b> 8.6
<b>3"</b>	✓	<b>0.22 GPM</b> 50	<b>1.1</b> 249.8	<b>7.5</b> 1.70	<b>350</b> 79.49	<b>3.5</b> 0.24	<b>3"</b>	<b>12"</b> 305	<b>31</b> 14.1
<b>4"</b>	✓	<b>0.35 GPM</b> 80	<b>1.7</b> 386.1	<b>5</b> 1.14	<b>700</b> 158.99	<b>4</b> 0.27	<b>4"</b>	<b>14"</b> 356	<b>43</b> 19.5

<sup>1</sup> At flows between "Start flow" and "Maximum flow," measurement occurs - however the accuracy is only guaranteed in the range from minimum flow to maximum flow.

<sup>2</sup> SMOC = Safety Maximum Operating Capacity [pressure].

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Take the next step in optimizing your water resource management.

**Contact your Kamstrup distributor today at [kamstrup.com/en-us/find-a-distributor](http://kamstrup.com/en-us/find-a-distributor).**

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