

AGUARDIO HYGIENE SENSOR

Data Sheet



1. Technical specifications

Features	Description
Product key features	Legionella Risk Detection.
Features	Monitors water temperature fluctuations.
Additional features:	The sensor is also capable of detecting and reporting leaks/water activity count at water outlets etc. This is applicable only if the sensor(s) have been registered in a Hub with these extra features.
Measuring intervals	Temperature readings are recorded every minute during water flow. In standby mode, the sensor will record water and ambient temperatures hourly.
Data Collection Methods	Aguardio Gateway.
Number of devices Gateway can connect to	Gateway can connect maximum of 10 Hygiene Sensors.
Data collection frequency	Data is automatically collected twice a day via the Gateway. The frequency of the data collection can be adjusted based on customer needs.
Data accesability	Primarily through the Aguardio Hub, data can be integrated with other systems via an API key.
Aguardio Hub	Limited online training sessions can be provided by Aguardio to support new installations users, this must be agreed at time of purchase. Large-scale training sessions can be purchased separately.
Location	Indoors.
Applications	Incoming hot or cold pipework, such as water taps, toilet water inlet pipes, water supply pipes, or flexible braided hoses.
Recommended Fitting	Heat conductive material metal (e.g. copper or steel pipework). Plastic pipework is not recommended, as plastic is less sensitive to heat and cold factors, meaning the sensor might not measure accurately.
Pipe Adaptability	Pipes ranging from 8 to 28 mm.
IP - rating	IP54.
Water resistance	Exposure to high humidity and wet conditions can accelerate battery drain in sensors.

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1 B. Technical specifications - cont.

Operating environment temperature range	0 to 40 °C
Product Storage Temperature	(-20) to 70 °C outside these temperatures the electronics may be at risk of damage
Battery type	CR123A
Battery life	Up to 10 years
Replaceable/ Rechargeable battery	No
Net weight	25 g
Measurements (with bracket)	Length - 6.5 cm, Width - 2.1 cm, Height - 3 cm
Packing dimensions	Single-packed sensors - 9 x 2.5 x 4.5
Box quantities	Single-packed sensors can be delivered in boxes of 100, measuring 27 x 25 x 20 cm.
Certification labels and other markings	      