

Features & Benefits

- Ultrasonic flow measurement technology for high precision heat, cooling and combined metering, with no moving parts; or inductive turbine measurement for trustworthy thermal energy calculation.
- LoRaWAN communication enables remote reading and integration with building management systems.
- Multi digit LC screens show energy consumption in kWh, MWh, MJ or GJ.

Technical Overview

The RF-LW-HM range of heat meters deliver accurate, reliable measurement of thermal energy consumption for residential, commercial and district heating applications. Using advanced ultrasonic and mechanical technologies, these meters ensure fair billing, long-term stability and low maintenance performance. The RF-LW-HM heat meters integrate seamlessly into modern smart building and energy management systems. Robust construction, flexible installation and MID-approved accuracy make them a trusted solution for precise heat and cooling metering.

Specification

Power Supply	Lithium battery Up to 10 years battery life
Temperature Range	1 to 90°C
Ambient Temperaure	5 to 55°C
IP Rating	IP65
Temperature Sensor	Digital
Measuring Accuracy	Class 2 (EN 1434)
Battery Type	Lithium
Nominal flow rate	1.5L/h

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Note: for all gas sensors, None of our devices are approved for use in life safety applications. This document is uncontrolled if printed. Generated on 19/03/26

Related Product Codes

RF-LW-HM-15-M	Heat Meter BSP DN15 QP1.5 Mechanical Battery Powered
RF-LW-HM-15-UB	Heat Meter BSP DN15 QP1.5 Ultrasonic Brass Battery Powered
RF-LW-HM-15-UB-C	Heat Meter BSP DN15 QP1.5 Ultrasonic Brass Battery Powered Commercial
RF-LW-HM-15-UC	Heat Meter BSP DN15 QP1.5 Ultrasonic Composite Battery Powered
RF-LW-HM-20-M	Heat Meter BSP DN20 QP2.5 Mechanical Battery Powered
RF-LW-HM-20-UB	Heat Meter BSP DN20 QP2.5 Ultrasonic Brass Battery Powered
RF-LW-HM-20-UB-C	Heat Meter BSP DN20 QP2.5 Ultrasonic Brass Battery Powered Commercial
RF-LW-HM-20-UC	Heat Meter BSP DN20 QP2.5 Ultrasonic Composite Battery Powered
RF-LW-HM-25-UB	Heat Meter BSP DN25 QP3.5 Ultrasonic Brass Battery Powered
RF-LW-HM-25-UB-C	Heat Meter BSP DN25 QP3.5 Ultrasonic Brass Battery Powered Commercial

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