DMS METERING SOLUTIONS



CASE STUDY: Water Metering for a Care Home in Sheffield

Sector: Health & Social Care
Location: Sheffield, United Kingdom
Solution Provided: Apator PoWogaz MWN and JS Water Meters

APATOR POWOGAZ

Overview

A care home in Sheffield required a reliable water-metering solution to improve visibility of water consumption across the site.

Care homes can have significant and varied water demand, with usage spread across resident accommodation, kitchens, laundry facilities, bathrooms, plant areas and communal spaces. Being able to monitor consumption accurately can help facilities teams understand where water is being used, identify unusual demand and support wider efficiency and leak-detection initiatives.

DMS supplied a combination of **Apator PoWogaz MWN** and **JS Water Meters** with pulse outputs, allowing both higher and lower flow rates to be accurately monitored across different parts of the building.

Project Requirements

- Accurate measurement of water consumption across the care home.
- Suitable meters for both larger and smaller water supplies.
- Pulse outputs for remote data collection.
- Compatibility with the site's monitoring or Building Management System.
- Reliable performance in a busy residential care environment.
- Improved visibility of water use across different areas of the site.

DMS Solution

Water Metering
Apator PoWogaz JS15
Apator PoWogaz MWN

DMS supplied a combination of **Apator PoWogaz MWN** and **JS Water Meters**, selected to suit the different flow requirements throughout the care home.

The larger **MWN water meters** were suitable for higher-flow supplies serving areas with greater overall demand, while the more compact **JS Water Meters** provided accurate measurement on smaller branch connections and individual sections of the system.

Both meter types were supplied with **pulse outputs**, allowing consumption data to be transmitted to the site's monitoring system.

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This gives facilities teams the ability to track water usage remotely rather than relying solely on manual meter readings. Pulse data can also be used to monitor consumption trends, compare different areas of the building and help identify unexpected increases in usage.

For a care environment where water services operate throughout the day and night, improved monitoring can provide valuable information for both operational management and future water-efficiency initiatives.

Results

The installation provided the care home with:

- Accurate monitoring of water consumption across the site.
- Appropriate metering for both high and low flow requirements.
- Remote data collection through pulse outputs.
- Greater visibility of water usage across different areas.
- Data to support water-efficiency and cost-management initiatives.
- Improved ability to identify unusual or unexpected consumption.
- A dependable metering solution suitable for long-term operation.

By using a combination of meter sizes and pulse-enabled monitoring, the care home can build a clearer picture of how water is being consumed across the facility and use that information to support more efficient building management.

Image from Job

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Why DMS?

With over 25 years of experience in water and utility metering, DMS supplies solutions for care homes, healthcare facilities, commercial buildings and multi-use developments throughout the UK.

Working with leading manufacturers including **Apator PoWogaz**, DMS can provide water meters covering a wide range of flow rates, connection sizes and communication requirements.

From individual water meters to complete sub-metering schemes, DMS supports customers with expert product selection and technical advice to ensure the right meter is specified for every application.

Discover our Apator PoWogaz water meters and complete range of water-metering solutions at dmsltd.com or scan the QR code.

25 YEARS DMS METERING SOLUTIONS

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