

Case Study

North East M&E Contractor



Client Overview

A leading **mechanical, electrical, and construction company in the North East** was appointed to upgrade the heating system as part of a **full refurbishment of a nursing home** led by a main contractor. As part of their works, all existing radiator covers needed to be replaced with **modern, safe, and functional alternatives** that aligned with the overall refurbishment.

Challenge

The project involved replacing radiator covers while ensuring:

- **Seamless Integration with Existing Heating System** – Covers had to be **custom-manufactured with pre-punched holes** to allow existing **thermostatic radiator valves (TRVs) to protrude**, maintaining full functionality.
- **Strict Project Timeline** – Deliveries needed to be **phased** to align with the overall **refurbishment schedule** and ensure completion by the end of the contract.
- **Coordination with Multiple Trades** – The work had to fit within the wider refurbishment programme, requiring **efficient planning and communication** with the main contractor.

Solution: Standard Steel Radiator Covers with Custom TRV Cut-outs

Coverad supplied and delivered **bespoke standard steel radiator covers** tailored to the project's heating system requirements.

- ✓ **Pre-Punched TRV Openings** – Each cover was manufactured with a hole positioned to accommodate the existing TRVs, avoiding on-site alterations.
- ✓ **Durable Steel Construction** – Designed to withstand daily use in a nursing home environment.
- ✓ **Phased Delivery Schedule** – Covers were delivered in stages to match the progress of the heating system upgrade.
- ✓ **Efficient Coordination** – Work was carefully planned to integrate with the **overall refurbishment timeline** set by the main contractor.

Implementation

- **Site Survey & Measurements** – Each cover was designed to fit the existing heating system while ensuring **easy access to TRVs**.
- **Custom Manufacturing** – Precision-cut TRV openings eliminated the need for on-site adjustments, streamlining installation.
- **Phased Supply & Installation** – Covers were **delivered in batches**, ensuring they arrived **in line with project milestones** and allowing seamless installation alongside other refurbishment works.

Results & Impact

- ✓ **Efficient Heating System Upgrade** – Covers were manufactured to fit **precisely**, supporting the smooth installation of the new heating system.
- ✓ **On-Time Completion** – Phased deliveries ensured radiator covers were installed **within the overall refurbishment deadline**.
- ✓ **Enhanced Safety & Aesthetic Appeal** – The nursing home now benefits from **modern, durable radiator covers** that improve both safety and design.

Conclusion

By working closely with the **North East mechanical, electrical, and construction company**, Coverad delivered **custom-fitted standard steel radiator covers** that met the **specific requirements of the heating system upgrade**. Through **precise manufacturing, phased deliveries, and seamless coordination with the main contractor**, the project was successfully completed **on time and to the highest standard**, ensuring a **safe and efficient heating solution** for the refurbished nursing home.