

55 Drury Lane

High-Capacity Mitsubishi Electric VRF Heat Recovery Installation

A complete solution for your business!

At a glance

- Location: 55 Drury Lane, London
- System: Mitsubishi Electric VRF Heat Recovery
- Outdoor Unit: PURY-P650YSNW-A2 (26HP)
- Indoor Units: Ducted units and 600x600 ceiling cassettes
- Controls: Central controller with BACnet integration
- Status: Nearing completion

Key metrics

The installation features a 26 HP Mitsubishi Electric VRF heat recovery system serving 15 indoor units with capacities ranging from 3.2 kW to 10 kW. The system uses R410A / R32 compatible equipment and is managed via centralised control with BACnet integration, enabling efficient multi-zone operation and future BMS connectivity.



15 UNITS
Installed



UP TO 30%
Energy Saving



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CHALLENGES

The project at 55 Drury Lane, London required a flexible, high-capacity air conditioning system to be installed within the constraints of a central London building, where space, access, and acoustic performance were key considerations. Limited plant space and varied internal layouts demanded careful coordination of equipment and services, while differing occupancy levels and heat gains created the need for simultaneous heating and cooling across multiple zones. In addition, the client required a quiet, energy-efficient solution with centralised control and future BMS integration to support long-term operation.

SOLUTIONS

A Mitsubishi Electric VRF heat recovery system was installed to meet the building's zoning, comfort, and efficiency requirements. The system is centred around a PURY-P650YSNW-A2 outdoor unit with a BC controller and acoustic jacket, enabling simultaneous heating and cooling with low noise levels. A mix of ducted indoor units and 600x600 ceiling cassettes was used to suit different areas of the building, providing discreet installation and effective air distribution. Centralised control with BACnet integration allows simplified operation and future BMS connectivity.

BENEFITS

Simultaneous Heating & Cooling

1

The VRF heat recovery configuration allows different areas of the building to heat and cool at the same time. This is ideal for mixed-use and variable-occupancy spaces, ensuring consistent comfort regardless of orientation or internal heat gains.

Flexible, Discreet Design

2

The combination of ducted indoor units and ceiling cassettes provides maximum design flexibility. Services are hidden where required, while maintaining excellent airflow, making the system well-suited to high-end commercial interiors.

Energy Efficiency & Control

3

Advanced VRF technology, coupled with centralised controls and BACnet capability, delivers high seasonal efficiency, reduced running costs, and full visibility of system performance for facilities management teams.

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SUMMARY

A Mitsubishi Electric VRF heat recovery system was installed to meet the building's zoning, efficiency, and comfort requirements. The system is centred around a PURY-P650YSNW-A2 outdoor unit with a BC controller and acoustic jacket, allowing simultaneous heating and cooling while maintaining low noise levels. A combination of ducted indoor units and 600x600 ceiling cassettes was selected to suit different areas of the building, providing a discreet installation and effective air distribution. Centralised control with BACnet integration was included to allow simplified system management and future BMS connectivity.