

CASE STUDY

VRF REPLACEMENT



Air Options has been designing / installing and maintaining equipment in excess of 20 years and strives to provide industry leading products.

Originally installed by Air Options this Toshiba R407c MAR-F system at the time was a leading product and had been reliably operating in excess of 15 years, however due to limited manufacture parts availability / long term building plans the systems were replaced by Air Options with the latest generation of products.

New systems were proposed to re-use as much of the existing infrastructure as possible with Mitsubishi Electric's City Multi "Replace" Heat Recovery system chosen. This allows the re-use of some of the interconnections i.e pipework / cabling to reduce site replacement disruption and overall reduce costs.

As part of the replacement the outdoor units were dismantled by the manufacturer and reassembled at site level to avoid the need for a on site crane that would have required road closures and delayed the delivery of the project.

These systems now benefit from:

- ☐ Warranted Installation.
- ☐ Re-use of pipework, reducing replacement costs and disruption.
- ☐ Manufacturer Supported Products.
- ☐ Improved efficiency, lowering carbon emissions and reducing energy costs
- ☐ Latest controls strategy.
- ☐ Flexible, upgraded system with additional units installed.
- ☐ R410a refrigerant in line with current industry standards.

Building:	Multi Storey
Location:	Central London
Manufacturer:	Toshiba / Mitsubishi
Heating & Cooling:	YES - Simultaneous.
Refrigerant:	R407c - R410a
Objectives:	Replacement
Energy Savings:	Expected Upto 25%
Budget:	£70K
Timescale:	10 Weeks
Project Success:	YES

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No matter how large or small your project may be,
call Air Options today on **0800 0188423**