

CASE STUDY

CEILING CASSETTE HEATPUMP INSTALLATION



Air Options are able to offer a wide range of products and services, with these ranging from large office refurbishments to smaller single unit installations.

With all our installations being undertaken by our own in house directly employed engineers we install 100's of small - medium sized systems per year for a variety of our customers.

These can be either wall / ceiling or concealed systems typically installed within small to medium sized offices.

We were approached to review the options for a medium office area, requiring improved temperature control, primarily cooling, with existing landlords systems offering heating only.

We recommended given the size to install one of the 4-way cassette type units as this offered a cost effective option as well as excellent airflow and coverage.

The unit selection was made based upon room area / solar gains / occupancy and internal loadings, as well as ensuring this was within manufacturer's maximum pipe run limitations.

Interconnection pipework services are run within the ceiling voids to the outdoor unit location, with this positioned on the roof of the building.

The system was pressure tested and commissioned with refrigerant trim charge added in line with manufacturer's guidelines.

Once operational system was test run and operation / controls demonstrated to the client.

This room now benefits from:

- Heating - To supplement landlords by AC if needed.
- Cooling.
- Fan Only Function.
- Hard Wired Remote Controller.
- Latest R32 Refrigerant.
- Inverter Speed Control Technology.
- Manufacturer Supported Extended Warranty.

Building:	Multi Storey
Location:	London
Area:	Medium Office / Meeting Room
Manufacturer:	Daikin FFQ
Rating:	Medium Kw 7-10Kw
Ventilation:	No - Existing
Heating & Cooling:	Yes
Refrigerant Type:	R32
Installation:	Occupied Office - Early Am Attendance

Head Office

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

