

Case Study

Air Conditioning & Ventilation- Fred Perry

Location: Central Liverpool One

Project: Air-conditioning and Ventilation

Project Length: 3 Weeks

Information:

The use of heat pumps is an increasingly preferred option to hot water or electric heating. It provides economic heating by recycling the available energy in the air. It is classified as a renewable energy source and attracts governmental finance concessions.

The brief required an air-conditioned retail space with fresh air and minimal visible services as required by our client.

This was achieved by using a heat recovery unit, behind the shop-front bulk-head. Fresh and rejected air were brought in through shop frontage grilles and distributed through grilles in the sales floor bulkhead. The air-conditioner was located in the rear stock area and distributed through spiral ducting running the length of the sales floor. The return air ducting was oversized to visually compliment the spiral insulated supply ducting.

Mitsubishi and Daikin equipment were used on this project.

The project was brought in ahead of program and within budget.



