

Colegrave School – Newham, London

Consultant

- Fowler Martin

Client

- AC Preou Ltd

Sector

- Education

Products

- Can-iVent System

Equipment

- Cooking Equipment

Application

- Input & Extract System



Completed Installation



Working Progress



Can-iVent Island Kitchen Canopy

Airtherm Engineering's track record of successful and efficient projects was demonstrated by the recent installation of our 'Can-i-vent' Island kitchen canopy system at Colegrave Primary School in Newham, London. The project involved the successful liaising between Fowler Martin, AC Preou Limited and Newham Council (consultant, contractor and client, respectively).

Airtherm Engineering Limited liaised with both the consultant and the contractor at all time, attending site meetings, providing comprehensive technical submission, including calculations and drawings for approval prior to manufacture of the equipment.



Ansul R-102

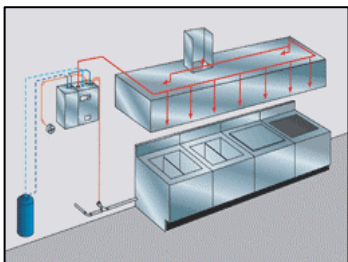
Product Solution



External Supply Air Ductwork



Island Kitchen Canopy



Ansul R-102 Diagram

Contact Details:

Airtherm Engineering Ltd
Unit 8A,
Gainsborough Trading Est
Stourbridge
West Midlands
DY9 7ND

Tel: 0844 8092509
Fax: 01384 375218

Product Range

Our product range extends from simple condense canopies, extract only, island or wall mounted canopies, through to our air injection island systems allowing both input and extract. If required, the input air can be pre-heated for additional internal staff comfort during the cold winter months. All products can be configured to suit each individual application.

Manufacture

All canopies are manufactured from 304 (En 1.4301) or 316 (En 1.4401) stainless steel where specified and are suitably braced to prevent product distortion. All joints are welded and polished.

Our Canopies are cut, punched and folded into sub sections and factory assembled by means of computer controlled seam welds, and non-visible mechanical fixings. Systems are manufactured to the strict guidelines of DW/172, British Standards and conform to HSE for commercial kitchen ventilation. Wall mounted or island canopies can be manufactured to meet almost any dimension but typically 1000mm to 8000mm long. The system ductwork is manufactured and installed to incorporate cleaning and maintenance access doors to fully comply with DW/144 & TR/19 standards.

Canopy Lighting

The units are designed and manufactured to deal with a wide ranging and varied commercial application, and can deal with humidity, condense rich, as well as hot and greasy environments.

These units are normally recessed into the canopy ceiling providing easy cleaning and maintenance of the unit exterior. This also helps to greatly reduce the build-up of grease and other contaminants usually associated with the commercial kitchen environment.

Recessed Incandescent Units:

- Approved for use in commercial kitchen applications
- Meet with guidelines for DW172 & HSE Guidelines
- Satin finished stainless steel matching faceplates for matching hood interiors
- Tempered prismatic glass diffusers

Fire Suppression System

The island kitchen canopy was fitted with a R102 Ansal fire suppression system which conforms to NFPA standards 17, 17a and 96 and is UL300 listed by Underwriters Laboratories Inc .

The system was supplied with nozzles, detectors, cartridges, liquid agent, fusible links, pulley tress and elbows as required for the specific commercial kitchen application at Colegrave Primary School., Newham, London

