

Recommended options for minimising risk of extract odours from catering units causing nuisance to neighbours.

The following options are for the retail units in the mezzanine area of the Western Concourse. The units are leased as shells and are fitted out by tenants. It is considered that they will be used for retail or catering. The recommendations for filters on the extracts are in line with *Guidance on the Control of Odour and Noise from Commercial Kitchen Extract Systems* (DEFRA)

The Retail Services Strategy stipulates that all catering tenants are required to have UV or de-odorising washer type filters installed.

Unit use	Preferred location of unit	Recommended extract	Alternative extract option
Non-tenanted, no extract required (storage)	South end	None required	None required
Non-tenanted, extract required (toilets)	South end	No filters, extracting to North vent	Filter and extract to south vent
Retail, no cooking	South end	No filters, extracting to North vent	Filter and extract to south vent, or filter and extract to western concourse
Coffee bar	South end	No filters, extracting to North vent	Filter and extract to north vent, or filter and extract to western concourse
Limited cooking (sandwiches, snacks, no frying)	North end	No filters, extracting to North vent	Filter and extract to North vent, or filter and extract to western concourse
Burger bar	North end	Double pass electrostatic precipitator plus ultra-violet deodorizer (UVC) extracting to north vent	Double pass electrostatic precipitator plus ultra-violet deodorizer (UVC) and carbon filter (MMF) extracting to north vent
Restaurant	North end	Double pass electrostatic precipitator plus ultra-violet deodorizer (UVC) extracting to north vent	Double pass electrostatic precipitator plus ultra-violet deodorizer (UVC) and carbon filter (MMF) extracting to north vent
Restaurant – spicy food	North end	Double pass electrostatic precipitator plus ultra-violet deodorizer (UVC) and carbon filter (MMF) extracting to north vent	Double pass electrostatic precipitator plus carbon filter (MMF) and vapour injection (ON) extracting to north vent

All the filtration and deodorizing technologies are available and in use in similar situations. Information on the types of equipment has been provided by Purified Air Limited, who specify, supply and maintain such systems. Sufficient space has been allowed in the units for the tenants to install this equipment.