

Xtract™ - Ozone Based Odour Neutralizer

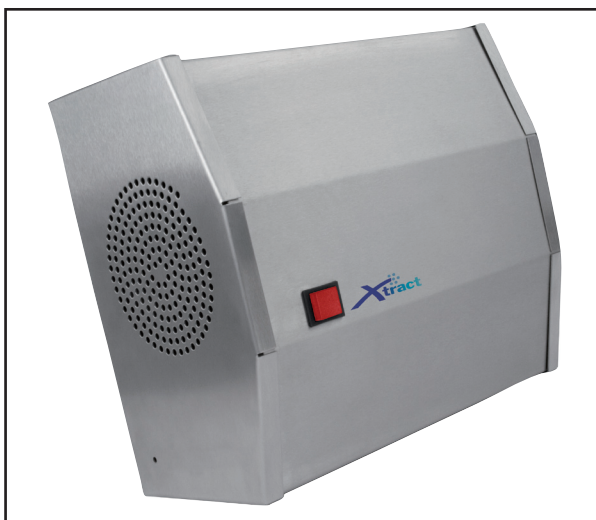
Introduction

Xtract™ uses ozone - a well known disinfectant and odour neutralizer - which is released directly into the kitchen ventilation canopy. Here it immediately starts to act on cooking odours, grease and smoke.

Simple to install, with low maintenance and running costs, this versatile modular solution provides affordable and reliable odour control and grease reduction in one unit, making it the perfect partner for a wide range of kitchen canopies.

Features & Benefits

- Easy to install and maintain
- Low running costs
- Environmentally friendly
- Quiet operation
- Easily wired into fan electrics
- Locate within one metre of canopy
- Dampers for easy commissioning of flow on set-up
- Higher volume flow rates can be handled by simply coupling up units.



The Xtract Unit



ODOUR NEUTRALIZER



These compact and lightweight units have been designed for modern kitchens, where space is at a premium, and are an ideal solution for fast food bars, pubs and restaurants.

Oxidation using ozone and activated oxygen ions are used to treat odour emissions from commercial and industrial kitchen processes (**DEFRA, 2005: Guidance on the Control of Odour and Noise from Commercial Kitchen Exhaust Systems**).

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TECHNICAL INFORMATION

Xtract injects ozone into the kitchen extraction canopy where it reacts with odours, grease and smoke. These are oxidized in a chemical reaction which results in the production of carbon dioxide and water vapour. The ozone itself is consumed during the process and is converted back into oxygen.

Compact and Lightweight

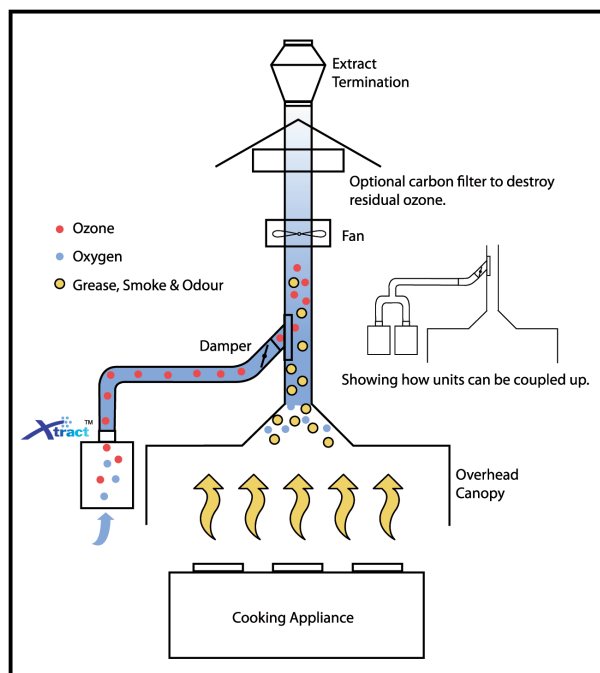
The unit has been designed to be compact, 343mm(L) x 185mm(W) x 307mm(H), and lightweight (<12kg) so that it can be installed in kitchen areas where space is at a premium and/or where there is little load bearing capacity.

Installation

The unit has been designed to attach to the wall adjacent to the kitchen canopy. The outlet is then connected into the kitchen canopy and the unit is plugged in or hardwired into mains electricity (230V/ single phase/50Hz). Full installation instructions are provided.

Silent Operation

The unit sits outside of the kitchen extraction canopy and ozone is drawn into the kitchen canopy by the existing fans. There is no need to upgrade the existing fan and the unit operates silently.



Servicing

A planned maintenance contract is available upon request.

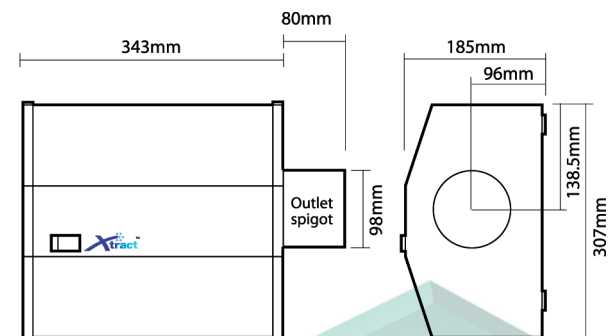
Additional Options

A fan can be fitted in the unlikely event that the kitchen extraction fan can not draw air through the unit. A site survey option is available upon request.

PCL 2100 Xtract™ Standard model Technical Specification

Volume Flow Rate	Up to 2m ³ /s per Unit
Power Consumption (W)	250
Power Supply	230V/1ph/50Hz
Size (mm)	307Hx185Wx343L
Weight (kg)	12
Safety	<ul style="list-style-type: none"> • Circuit breaker 5A required.* • Air flow proving switch installed. • Fan power supply interlock.*
Operation	Fully automatic

*On supply wiring



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