



## Plasma Clean Xtract 2100

The Plasma Clean 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 cooking applications.

The 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.

### Plasma Clean Xtract versus conventional odour control solutions:

- Low capital and running costs
- Simple installation and maintenance
- No consumable chemicals
- Compact and lightweight
- Quiet operation
- Environmentally friendly
- Tested to EN13725:2003

### Product Specification | Xtract 2100

Volume Flow rate	Up to 1 m <sup>3</sup> /s per unit
Power consumption	130 W
Power supply	230V/ 1 ph / 50Hz
Size HxDxL	307x185x343 mm
Weight	12kg
Safety	Circuit breaker 5A required Air flow proving switch installed Fan power supply interlock
Operation	Fully automatic

Oxidation using ozone and activated oxygen ions is 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). The Plasma Clean Xtract injects ozone into the kitchen extraction canopy where it reacts with odour, 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

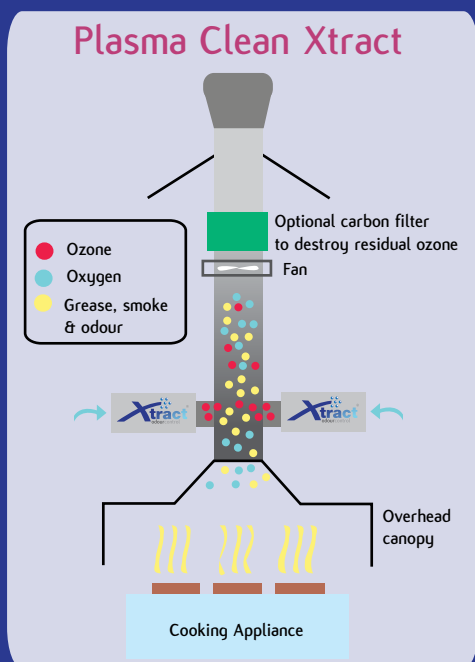
The unit has been designed to be compact (343mm(L)X185mm(D)X307mm(H)) and lightweight (12kg) so that it can be installed in kitchen areas where space is at a premium and / or where there is little load bearing capacity.

### 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) via a main fan control box. Full installation and operating 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

Plasma Clean recommends a yearly service to ensure efficient operation, and can offer a planned maintenance contract.

### 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, as is a planned maintenance contract.

Plasma Clean is continuously improving its products and services and reserves the right to alter designs without prior notice.