

Plasma Clean Xtract 4200

The Plasma Clean Xtract injects ozone and ions into ducted ventilation systems where it immediately acts on odour, 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 ducted applications.

The Xtract 4200 is designed for larger volume flow rates and is typically situated in plant rooms. It can be used either alone or in combination with activated carbon or catalyst systems.

Plasma Clean Xtract versus conventional odour control solutions:

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

Product Specification | Xtract 4200

Volume Flow rate	Up to 10m ³ /s per unit
Power consumption	Up to 1.2kW
Power supply	230V ac / 1 ph / 8A
Size HxDxL	680x680x1200 mm
Weight	120kg
Safety	Recommended interlock fan control
Operation	Fully automatic

Oxidation using ozone and activated oxygen ions is used to treat odour emissions from commercial and industrial processes (e.g. DEFRA, 2005: Guidance on the Control of Odour and Noise from Commercial Kitchen Exhaust Systems). The Plasma Clean Xtract injects ozone into the extraction canopy or ductwork where it reacts with odour, grease and smoke. These are oxidised 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.

Installation

The unit has been designed for larger volume flow rate applications, and is typically situated in plant rooms. The outlet is then connected into the ductwork and the unit is plugged in or hardwired into mains electricity (230V / single phase / 8A) via a pressure differential switch. Full installation and operating instructions are provided.

Silent Operation

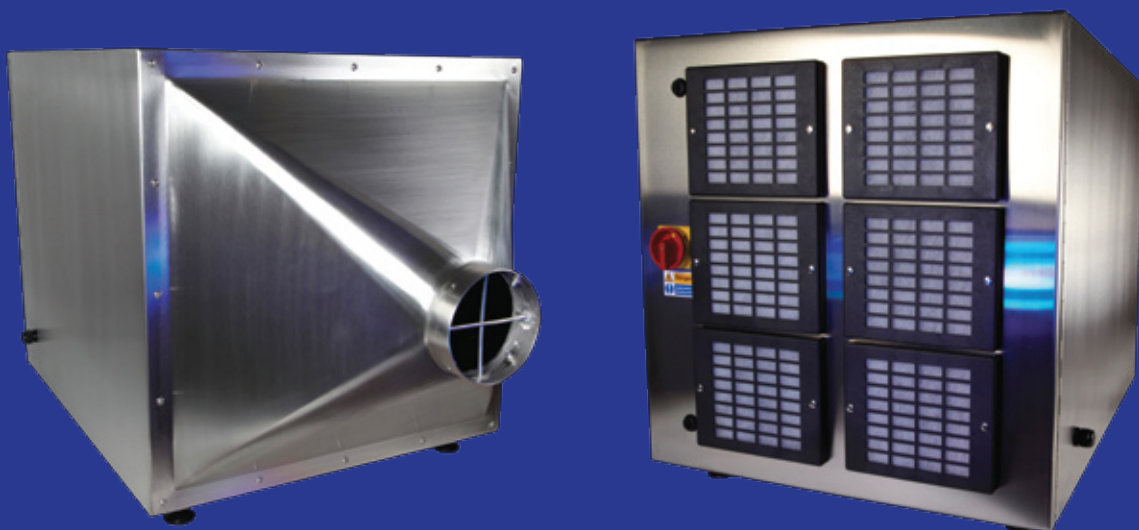
The unit sits outside of the air handling system and ozone is drawn into the ductwork by the existing fans. There is no need to upgrade the existing fan and the unit operates silently.

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 event that the existing system 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.