



TECHNICAL SPECIFICATION

Model: Xtract 4200 series ozone injection unit for odour control applications

Quantity: One

Purpose: 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 unit has been specifically designed for use in commercial kitchens. The system injects ozone into the kitchen extraction canopy or ductwork where it reacts with odours. The ozone itself is consumed during the process and is converted back into oxygen.

It is recommended to locate the units with an injection point located closest to the source of odours in order to maximize dwell time. In any case the dwell time must be no less than 2 seconds. The system is powered via a fused spur which is to be interconnected to air flow or the main extraction fan control to ensure that the unit(s) only operate when the main fan is operating.

Features & Benefits:

- Compact , lightweight and quiet operation
- Quick and easy low cost installation
- Low capital and running costs
- Ozone injection – adding negligible back pressure to the system so requiring less energy to push air through the air handling system. This means less ductwork modifications
- The ozone tubes have a long life and maintain efficiency as they remain outside of the air stream
- Tested to EN13725:2003

Dimensions: 400H x 600W x 300D mm

Control lights: Air Flow and Service LED indicators

Technical Data: Capacity max. up to 3.0 m³/s (subject to grease and odour loading)

Volume flow rate through unit 240 m³/hr

Pre-filtration grade G4

Supply 230Vac/ 1 phase / 50Hz

Power 570W

Weight 25kg

Pressure drop N/A (ozone injection)

Safety Internal flow switch
Recommended interlock to fan control

General: Multiple units can be used together for increased volume or efficiency

Finish: Powder coated mild steel

Accessories: Installation kit

Remote monitor

Delivery: Please enquire

Approvals: Plasma Clean air cleaners comply with current CE requirements and EMC standards. Certificates are available on request.

Warranty: One year manufacturer's warranty for parts and labour plus an additional 12 month warranty on parts only. Terms and conditions apply. Optional maintenance packages available, sold separately.

Terms: In accordance with our standard terms of business.

Maintenance

A Plasma Clean service contract is available (please enquire) and in any case Plasma Clean would recommend:

- Routine cleaning of the housing and exchange of the prefilter when spent
- A yearly service is recommended

Technical Drawing: Xtract 4200 series

Please contact our Technical Helpdesk if a CAD drawing is required.



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