



## TECHNICAL SPECIFICATION

**Model:** Xtract 2100 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:** 307H x 343W x 180D mm

**Control lights:** Air Flow and Service LED indicators

<b>Technical Data:</b>	Capacity max.	Xtract 2100	up to 1.5 m <sup>3</sup> /s
		Xtract 2100 Plus	up to 2.0 m <sup>3</sup> /s
	Volume flow rate through unit	80 m <sup>3</sup> /hr	
	Pre-filtration grade	G4	
	Supply	230Vac/ 1 phase / 50Hz	
	Power	Xtract 2100 160W	
		Xtract 2100 Plus 220W	
	Weight	10kg	
	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:** Grade 304 stainless steel

**Accessories:** Installation kit

Remote monitor

**Delivery:** Stock item

**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 2100 series**

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

