




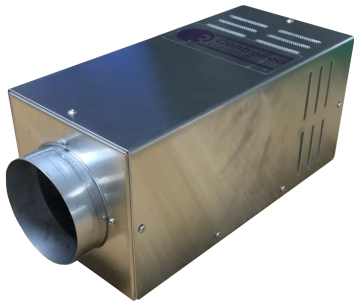


O & M INSTRUCTION 1913 Ozone Odour Control System



	
Warning – Danger of electric shock	Warning – ozone is produced by this unit

Safety

Only competent persons should undertake any work on or with these units and be familiar with all instructions prior to starting these works. Read in conjunction with technical specification sheet.

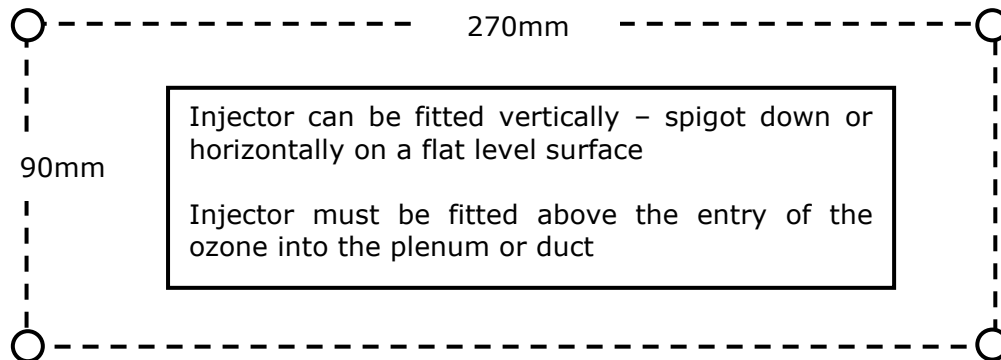
<p style="text-align: center;">Control Box</p> 	<p style="text-align: center;">Controlled Ozone Injection System</p> 
	
Pressure switch connection	Switch Panel – Mains Lead, On/Off and Ozone Indicators, Fuse holder, Monitor Bypass Socket

Set Up and Installation

1. Select where the ozone will be injected into the extraction system (canopy plenum or nearest ductwork), cut a 100mm hole and fit a 100mm spigot. Connect spigot to the ozone injector unit using 100mm tube, cut to length to prevent sagging and secure each end.
2. Mount control panel unit on wall or riser duct as close to ozone injection point. Drill 6mmØ hole in extract ductwork and secure push-on pitot tube to the ductwork - position before the extract fan so that the pressure switch operates under a negative pressure. Run the clear plastic tube between the push-on pitot tube and the pressure switch connection on the unit.
3. Connect to 1 off 240V\1 phase power supply per injector. Connect the control panel to the injectors with the cables provided, starting with socket 10\20 up to 70\80 as required.
4. Turn the power on to the injectors and control panel; the injectors will be activated when the extract fan is started.

Fixing Instructions

(Not To Scale)



WARRANTY

The system is covered by a full one-year manufacturer's warranty from the date of registration.

MAINTENANCE

A six-monthly maintenance should be carried out by an accredited engineer. No operator maintenance is necessary.

Maintenance schedule to include visual inspection of all indicator lamps, cleaning of generator ceramic plates, cleaning of air pressure breather pipe, checking of the calibration of the control panel,

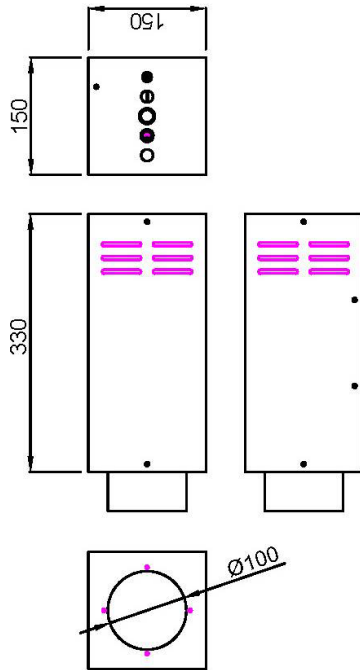
SPARES PACK

A full spares pack is available from Ecovery Innovations

**TO ACTIVATE THE WARRANTY ON THIS PRODUCT PLEASE REGISTER AT:
www.ecoveryinnovations.com/warranty-registration**

Drawing to be read in conjunction with Sales Order

Ozone Injector - Up to 4 No. Per Control Panel



CONTROLLED OZONE INJECTION SYSTEM - OVERVIEW

The Ozone Injector System comprises of a Control Panel which controls up to 4No. Ozone Injectors.

The number of injectors is selected depending on the Total Extract Air Volume Flow Rate and the odour concentration of the extract system to be treated.

Ozone is hazardous to health. Where extract systems do not offer the desired minimum 1.5 second contact time, discharge into a regularly occupied locations, or at low level, should consider installing an optional Ozone Monitor. This will monitor ozone concentration at the discharge, and adjust injection as appropriate. Contact Technical Sales for selections.

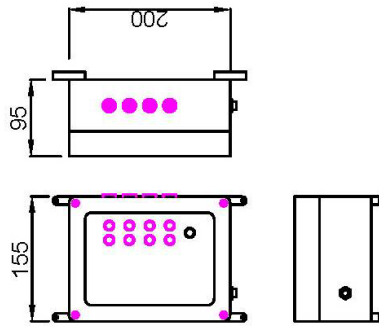
ELECTRICAL REQUIREMENTS

Operating Voltage: 240V / 1phase / power supply. Current Draw - 2 Amps / All injectors should be powered, but should be isolated from a single source.

Injectors plug into, and are controlled by the "Control Box". (Control Box receives power from injectors)

Ozone Monitors (optional) plug into, and are powered and controlled by the "Control Panel"

Control Panel



OZONE INJECTORS INSTALLATION AND FIXING

Ozone should be injected as early in the extract system as possible (ideally canopy plenum, or nearest ductwork).

Injectors can be fitted vertically (spigot down) or horizontally on a flat level surface, and should be above the entry point into the plenum or duct.

A space of 75mm should be allowed around injectors to allow airflow and maintenance.

CONTROL BOX

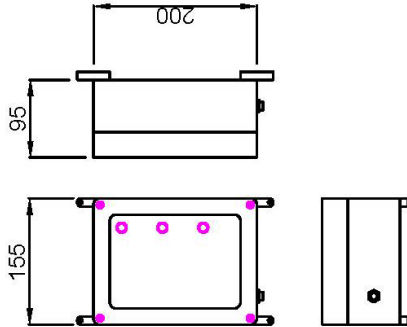
All injectors will plug into the "Control Box" via their control cables.

Ideally the "Control Box" will be located so it can be seen from the Kitchen, although this is not essential.

The "Control Box" is powered from the injectors, and does not require a power supply.

This drawing is a summary of installation requirements to aid specification. Please consult Full O&M Instructions when installing this product. Only competent persons should undertake any work on or with these units and be familiar with all instructions prior to starting these works.

Ozone Monitor - Optional



TITLE: Controlled Ozone Injector System - 1913221 / 2 / 3 / 4 / 9

DRAWING No: 1913-221CONTROLLEDOZONEINJECTORSYSTEM

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MOD: 1 AAJ

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