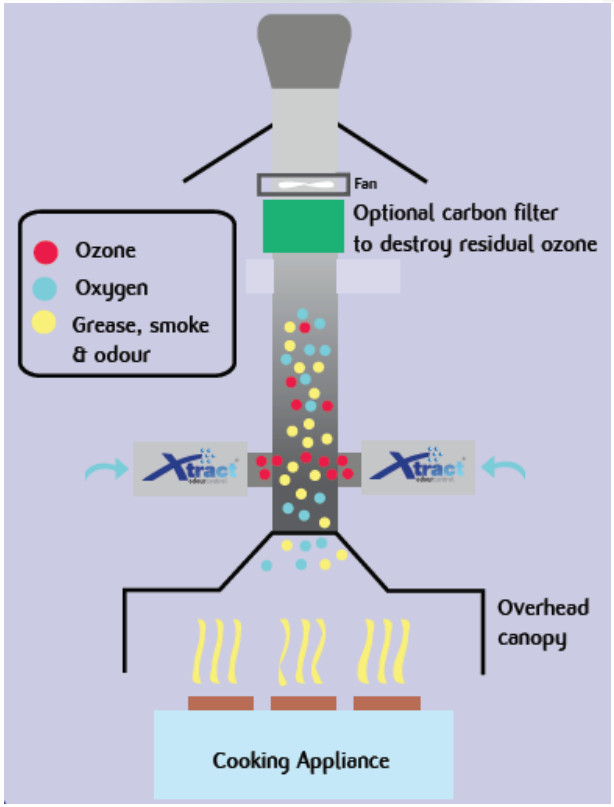

LET'S CLEAR
THE AIR
GREASE ODOUR & SMOKE CONTROL
British Innovation
plasmaclean
Air purification solutions

# Ozone Injection

- Ozone is injected directly into the canopy or ductwork as close to the source of odour as possible
- A minimum of 2 seconds dwell time is required to allow the ozone to react with odours
- Ozone also reacts with low levels of grease and smoke
- Treats up to $2m^3/s$ air flow

# How it works

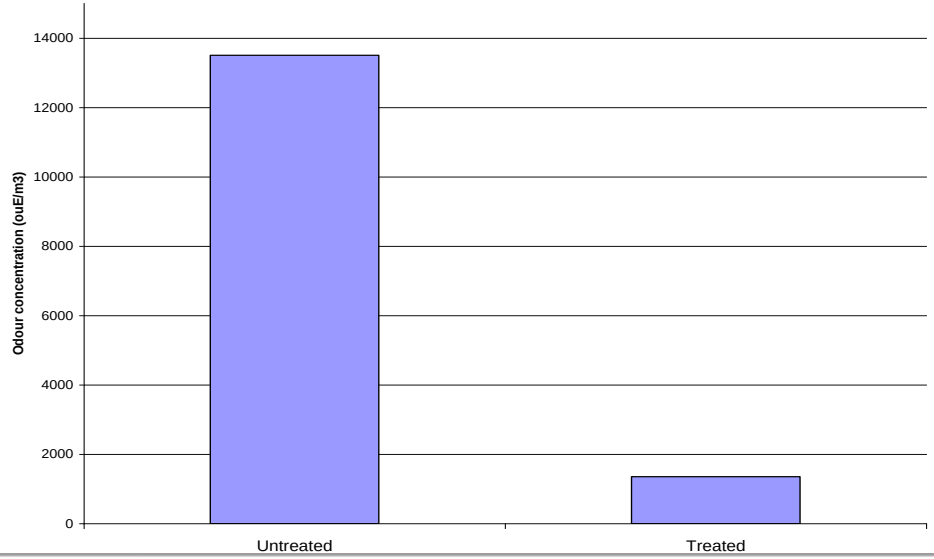



- The Plasma Clean Xtract generates ozone, a well known cleaning agent to combat odour
- Ozone is created from ambient air and injected into extraction system
- Customers also notice that grease and smoke is reduced in the air stream and on ductwork surfaces
- Odour and ozone removed

# Independent testing

The Plasma Clean Xtract has been tested to European Standard EN13725:2003 by independent odour concentration measurements

**ACHIEVED: Up to 90% odour removal**

# USPs

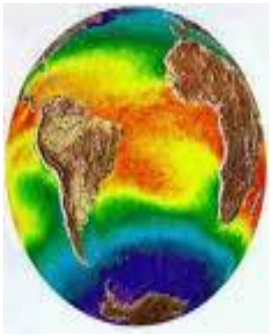
- Compact and lightweight unit
- Low power
- Two year parts warranty
- Long life UV-C lamps and ballasts
- Simple on-site maintenance
- Easy retro fit product

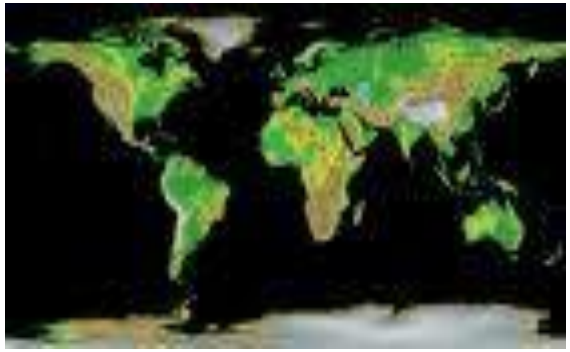
# Case Study – Joshua Bradley

- **Significant odour issues**
- **Environmental Health stipulated odour control measures**
- **EHO Approval obtained for the Plasma Clean Xtract 2100**

# Environmental advantage

- Low power system – only 160W per unit
- Stainless steel and glass construction – fully recyclable
- No harmful NOx emissions from production of ozone
- Sits outside of the ductwork so adds no back pressure
  - Easy retrofit with no significant ductwork modifications
  - No additional power required to push air through duct
  - No fan upgrade required
- No noise
- Low maintenance
- No landfill impact as seen with activated carbon
- Cost effective odour control performance
- Low carbon footprint






plasmaclean
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