

JIMCO KPC

Air cleaning system for Commercial Kitchens



Using patented UV-C & Ozone technology JIMCO KPC A/S specialises in odour and grease control

Cleaner ducting, minimised risk of fire when cooking – the exhaust fan will operate more efficiently

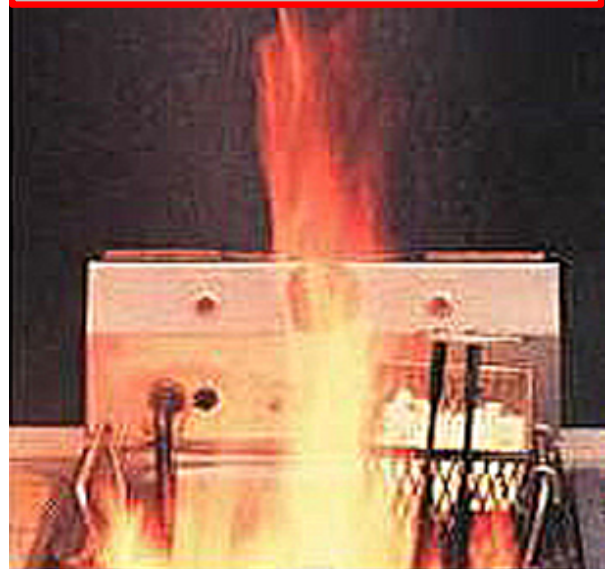
The KPC-system for odour and grease control uses special lamps that produce UV- light and ozone.



The JIMCO lamps are placed in a steel frame, which is installed behind the grease filters in the hood or, in case where this is not possible due to lack of space, in an enclosure immediately above the hood.

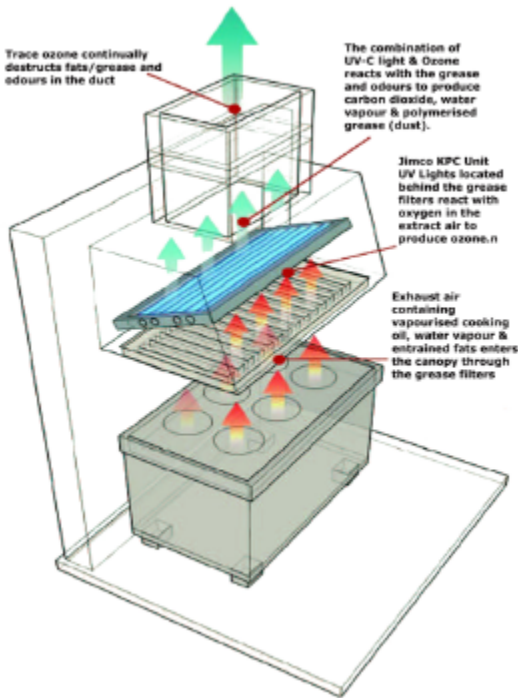

Exposure to intensive UV-C light and ozone oxidation causes contaminants in the air to be destroyed, resulting in the reduction of odour emissions to the surroundings and no grease deposits in the ductwork. This process reduces the odour emitted to the surroundings. At the same time a small quantity of excess of ozone is generated to maintain the ducts in a clean condition and to destroy previously existing grease deposits within the ductwork. We recommend that ducts be manually cleaned before installing a KPC system.

**MINIMISE
RISK OF FIRE !!**
- if our luck runs out...



The advantages of using a JIMCO KPC system means the traditional problems with air filtration are eliminated. Examples are: high chimneys, electrostatic filters, activated carbon filters, scrubbers, deodorizing oils etc.

Typical Jimco KPC Canopy Unit

The KPC insert consists of a steel frame in two different lengths, containing 4 or 6 JIMCO lamps

The UV-C lamps have a lifetime of approx. 8000 operating hours, after which they must be replaced to ensure continued efficiency.

Additional advantages:

- ✓ Decreases risk of fire
- ✓ Tested and dependable equipment
- ✓ Reduces odour to the surroundings
- ✓ No use of chemicals or deodorizing oils
- ✓ No use of filters, e.g. active carbon or catalysts
- ✓ No use of microbiology
- ✓ No residues or liquid substances
- ✓ Eliminates the need to regularly clean the hood and the kitchen exhaust ductwork
- ✓ Maximum exhaust due to clean ductwork
- ✓ Compact installation, needs only limited space
- ✓ Immediate on/off function
- ✓ Pressure differential guards for fan failure
- ✓ Competitive installation costs
- ✓ Low operating and maintenance costs
- ✓ Option: heat reuse
- ✓ Simple to install in existing hoods

Additional references available at:

S.B. Sridhar

Phone: +0422 3216333 / Fax: +0422 2574293 / Cell: 09843472333

E-mail: jimcoindia@gmail.com - Website: www.jimcoindia.com

