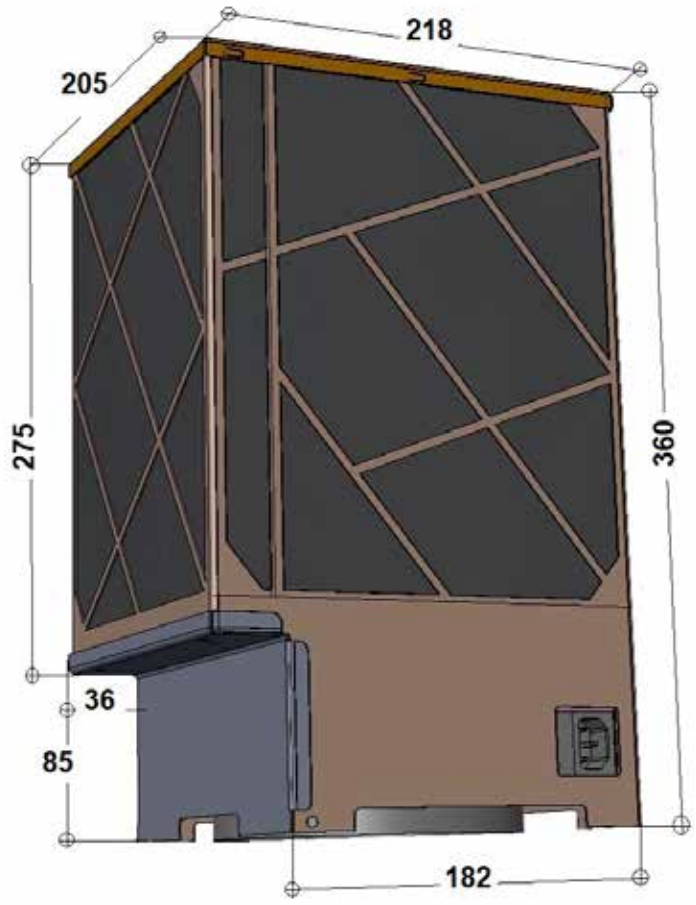
Domaplasma® IQB500

Domaplasma®-IQB500 is usable for installation in suitable chimneys of a (recirculating air) wall or island hood (minimum cross-section: width 265 x depth 240 mm). The Domaplasma® IQB500 model can be used in recirculating air extractor hoods, at well-known manufacturers like Bosch/Siemens/Neff and are easy to install in these fitting wall and island hoods. Domaplasma®-IQB500 is suitable for a maximum recirculation capacity of 400 - 650 m3/hour. Domaplasma® odour filters switch on/off automatically!

SPECIFICATION:

Domaplasma-IQB500:
H 360 x W 205 x D 218 MM. Usable for capacity: 400 - max. 650 M3/St.
Connection: 220-240 V/50 Hz / (C14)
Power usage: ca. 20 W/h



Domaplasma-IQB500

- The Domaplasma® system is certified by the VDE as the first and only family of plasma units for use in household applian-ces and cooker hoods (test aspects: Declaration of Conformity according to Directive 2006/95/EC). Additionally, the system is tested and has passed the tests according to EN 60335 by the VDE (Safety of electrical appliances for domestic use and similar purposes - Part 2-65: Special requirements for air purifiers).
- The unique Domaplasma® low-temperature plasma technolo-gy is extremely effective, excellently adaptable, versatile and extremely energy efficient.
- The total energy consumption is very low with a usage of less than 20 watts per hour.
- Domaplasma® can be used independently of the respective hood electronics, by use of an internal pressure sensor.
- The Domaplasma company has over 14 years of experience in air purifying installations and developpes and produces Do-maplasma® filter systems in their own factory (Dutch design, made in Germany). Domaplasma® units can also be adapted to your existing or future applications and designs.
- Domaplasma® is an outstanding and sustainable product with very little maintenance required. It is energy friendly and can, if necessary after many years, be completely overhauled.
- Domaplasma® offers excellent removal of all odours by means of the VDE certified plasma process. The unit can (in)directly be mounted onto the 150 mm outlet of the cooker hood.

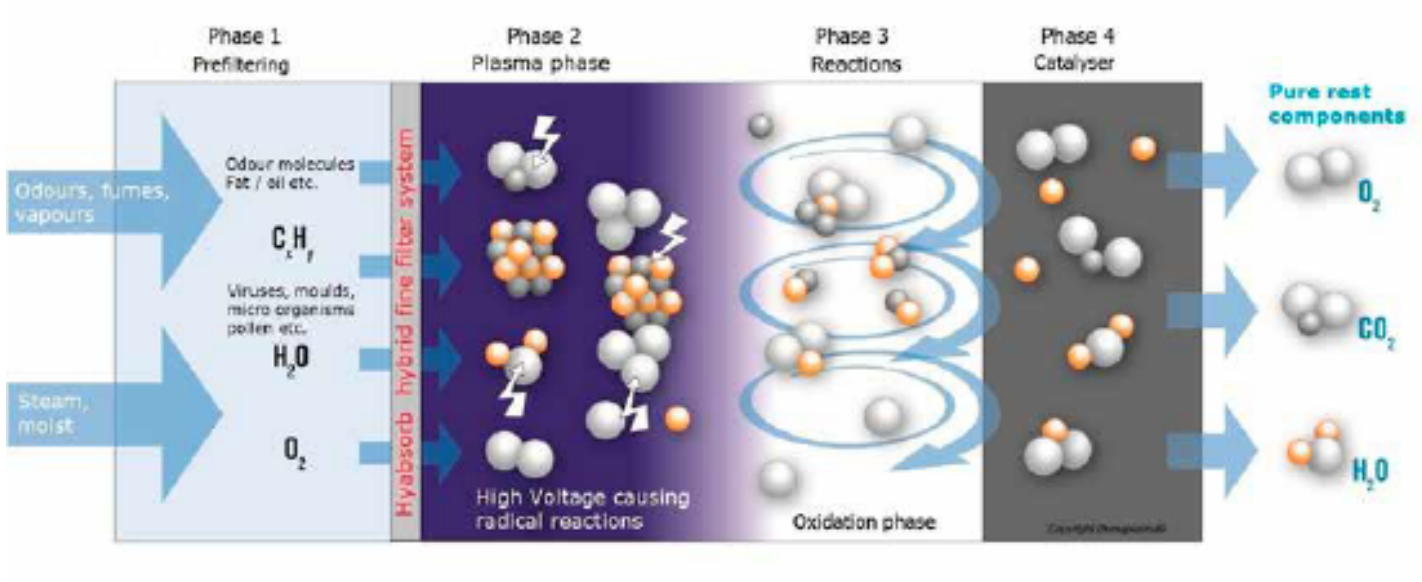
PROCES

PHASE 1: In a unique hybrid combination of a metal grease filter with the Hyabsorb® fine filter, solid particles, grease and fat parts, oils and other pollutants from the cooking fumes and by the way even from the entrained air are removed;

PHASE 2 & 3: Inside the unit, within the Domaplasma® catalyser the odours as well as micro-organisms, such as bacteria, mould spores, allergens and viruses are removed by different and complex high-voltage reaction and oxidation processes, and partially decomposed into individual molecules;

Domaplasma®-IQ

HOW DOES DOMAPLASMA® AIR PURIFICATION WORK?



PHASE 4: The second stage of the oxidation process in the catalyst removes, based on the longer residence time, the remaining odour molecules

FINAL PHASE: The result of the Domaplasma® process is that the air is purified of fats, oils and odours. Even microorganisms such as bacteria, mould spores, allergens and viruses will be destroyed.

The Domaplasma® air purification system for cleaning air has been tested by the VDE and has been found to be free of any hazardous emissions.

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