

Domaplasma® IQ-Series

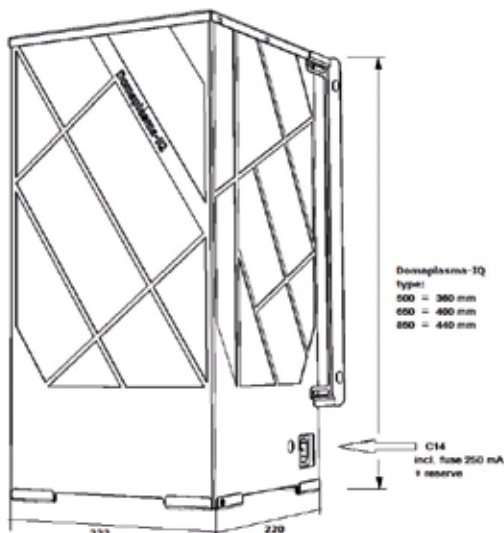
The Domaplasma®-IQ is suitable for installation in the chimney of a wall or island hood or in combination with ceiling hoods. The various Domaplasma®-IQ models can be used in all sorts of recirculating cooker hoods of many manufacturers and are easy to install in wall and island hoods. The Domaplasma®-IQ is available in three models with recirculating air capacities from 400 up to 1.060 m³/hour. Note! Domaplasma-IQ plasma units should preferably be used in upper chimneys with minimum cross sections of W265 x D240 mm.

All Domaplasma® odour filters switch on and off automatically!



SPECIFICATIONS:

- Domaplasma-IQ500:
H 360 x W 222 x D 220 mm
Capacity: 400 - 650 m³/h
- Domaplasma-IQ650:
H 400 x W 222 x D 220 mm
Capacity: 650 - 850 m³/h
- Domaplasma-IQ850:
H 440 x W 222 x D 220 mm
Capacity: 850 - 1.060 m³/h
- Connection: 220-240 V / 50 Hz (C14)
- Consumption: ca. 10 W/h



ADVANTAGES DOMAPLASMA-IQ:

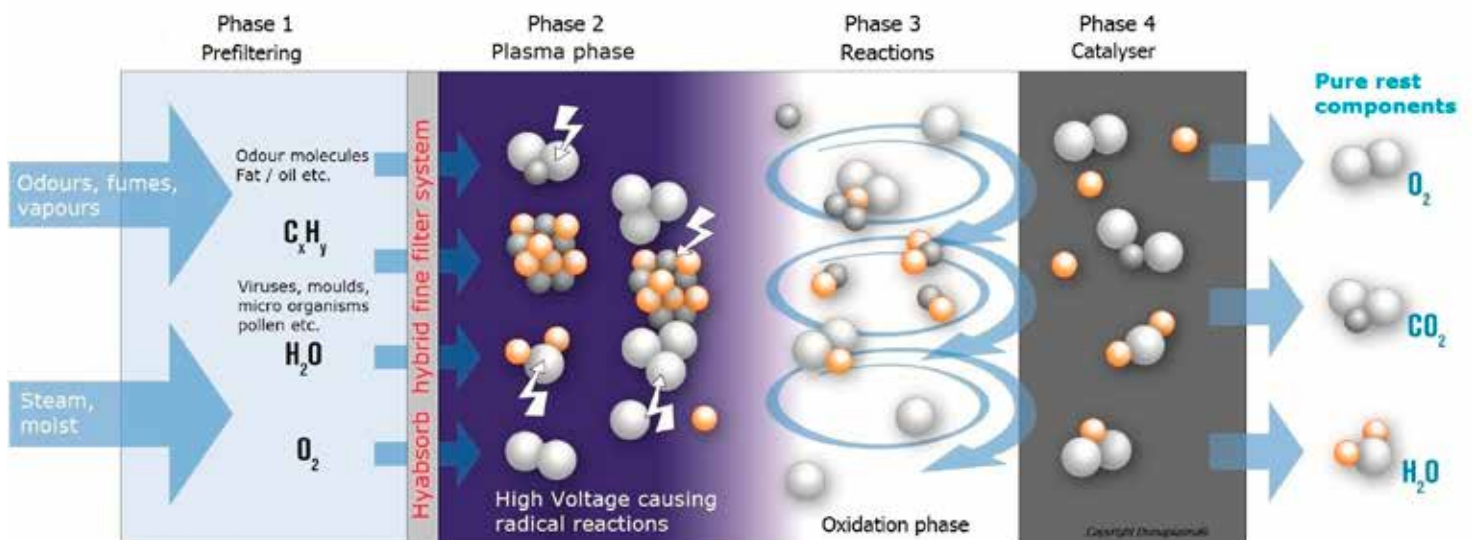
- The Domaplasma® system is certified by the VDE as the first and only family of plasma units for use in household appliances and cooker hoods (test aspects: Declaration of Conformity according to Directive 2006/95/EC). Additionally, the system is tested and has passed the tests according to EN 60335-2-65 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 technology is extremely effective, excellently adaptable, versatile and extremely energy efficient.
- The total energy consumption is very low with a usage of less than 10 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 12 years of experience in air purifying installations and develops and produces Domaplasma® 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;

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.

