

## Domaplasma® IQS-Series

Domaplasma®-IQS is suitable for recirculating cooktop cooker hoods, downdrafts or ceiling hoods. Domaplasma®-IQS models can be used in niches, suspended ceilings, kitchen bases/plinths or cupboards. The Domaplasma®-IQS are available with a recirculating air capacity of 650 up to 1.060 m<sup>3</sup>/hour. Domaplasma®-IQS models fit, because of their low height of only 98 mm, excellently in tight spaces, when necessary in an upright/upstream position in cupboards.

All Domaplasma® odour filters switch on and off automatically!

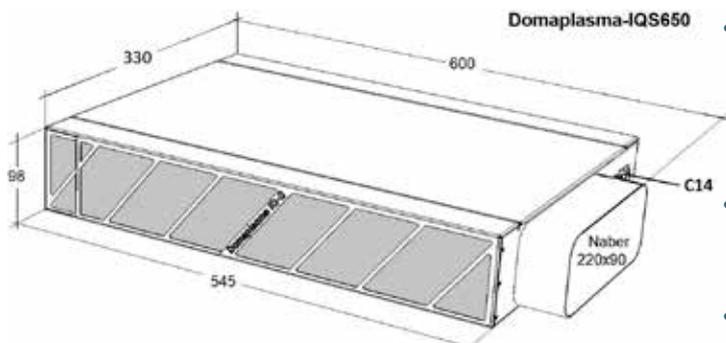


### SPECIFICATIONS:

- Domaplasma-IQS650:  
H 98 x B 600 x D 330 mm  
(optional in D 360 mm)  
Capacity: 650 - 850 m<sup>3</sup>/h
- Domaplasma-IQS850:  
H 98 x B 780 x D 330 mm  
Capacity: 850 - 1.060 m<sup>3</sup>/h
- E-connection: 220-240 V/50 Hz (C14)  
E-consumption: ca. 10 W/h
- Recirculation vents needed of minimal 600 - 800 cm<sup>2</sup> in or above the plinth, ceiling or cupboard.

### ADVANTAGES DOMAPLASMA-IQS:

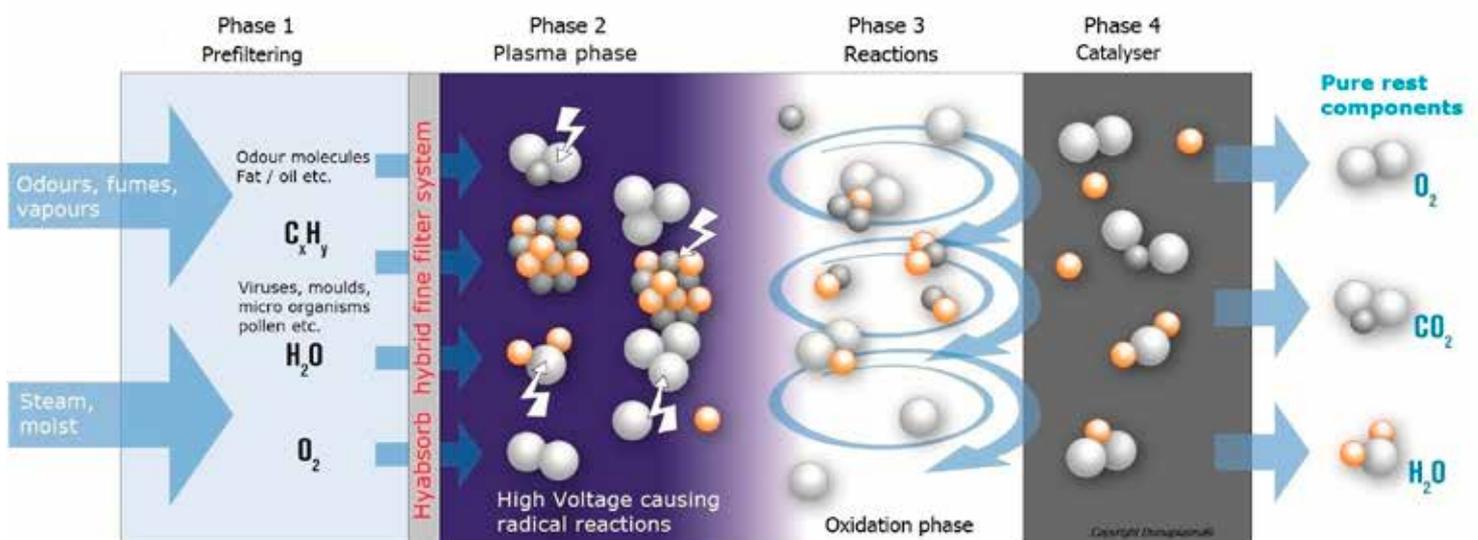
- The Domaplasma® system is certified by the VDE as the first and only family of plasma units for use in household appliances and cooker hoods (test aspects: Declaration of Conformity according to Directive 2006/95/EC). Additionally, the system is tested and has passed the tests according to EN 60335-2-65 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.



**PROCESS 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 catalyser 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.

