



PLASMA MADE[®]
Absolute Science

PRODUCTSHEET

PlasmaMade® Air Filter GUC1214

1. INTRODUCTION



The PlasmaMade® air filter GUC1214 is developed for the new NEN 7120 January 2015, cooker hoods may only be used as recirculation.

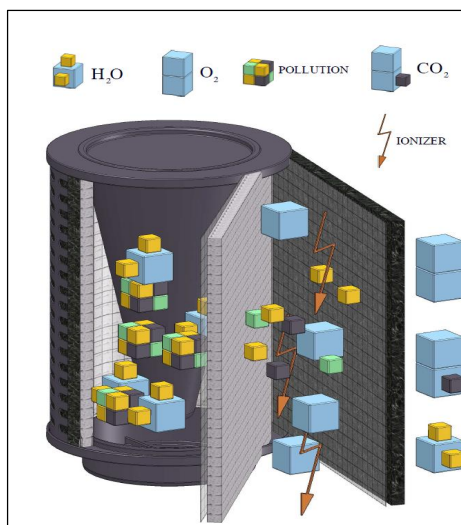
2. OPERATIONS

The PlasmaMade® air filter has to be placed on the exhaust of the cooker hood motor. The filter needs to be connected by a preassembled electric cord with a 12V adapter. The filter will be activated by a patented Active Air Controlled System® which is placed in the filter.

PlasmaMade® air filters produce cluster ions. These ions collide with harmful airborne particles such as bacteria, viruses, allergens and pollen. This collision changes the cluster ions in chemically active hydroxyl radical OH groups. These OH groups attach themselves to all of the harmful particles, which are present in the air.

This extract from a chemical reaction, hydrogen molecules to the harmful particles. This slide into dissolution and lose their malicious payload. This type of air cleaning is already widely used in homes and industries. PlasmaMade® air filter therefore has a positive effect on human health. The PlasmaMade® filter doesn't need a mechanically pre filter.

This PlasmaMade® air filter is certificated and the safest way of filtering.



PlasmaMade® air filter is a new engineered recirculation filter.

3. EXTERNAL OPTIONS



4. MOUNTING



A. MOUNTING WITH EM ADAPTER

B. MOUNTING DIRECT ON MOTOR

PlasmaMade® air filter is suitable for every type new and operating cooker hood till 1000M3. The standard connector is round 150 mm. Complete with integrated adapter 240V to 12V. The PlasmaMade® air filter has to be placed on the exhaust of the hood. Including Excentric Mounting Adapter (EM adapter) for easy and quick installation. *Normal mounting time: within 5 minutes.*



5. MAIN FEATURES PLASMAMADE® AIRFILTER GUC1214

- Developed for the new passive houses.
- The PlasmaMade® air filter is suitable for every cooker hood <1000 M3.
- Suitable for any mounted and operating hood (retrofitting).
- Patented Active Air Controlled System® (motor will be activated by airflow).
- LED indication when flow is detected.
- Output functions for external options.
- PlasmaMade® air filter reduces the dB noise of your hood with max. 25%.
- Patented self-cleaning system.
- High-density active carbon filter for capturing excess ozone O3.
- Patented 12V controlled by special network prepared adapter 240V or 110V.
- Patented inner core of electrostatically charged Nano-fiber material.
- Patented cone for complete separation and air conduction.
- The PlasmaMade® filter do not need a mechanically for filter.
- Specially shaped outer jacket for parallel guide of the airflow.
- The standard connector is around 150 mm.
- Easy quick mounting system.
- CE, TÜV and VDE certificates.
- 5 Years Warranty.
- Ready for Domotica.

6. CERTIFICATIONS

The PlasmaMade® air filter is tested in accordance with TÜV & CE guidelines.

- ✓ NEN-EN-IEC 60335-1:2012 EN 60335-2-65:2003 + A1: 2008 +
- ✓ NEN - EN-IEC C1: 2004 + A11 ::2012 EN 50366:2003 + A1:2006 or EN 62233:2008
- ✓ NEN - EN-IEC 60730-1: 2011 EN 60335
- ✓ DIN EN 60335-2-65:2003
- ✓ EMC (2004/108/EC)
- ✓ EMC (2006/95/EC)
- ✓ Protection Class III Appliance

*Safety of household and similar electrical appliances
Part II: particular requirements for air-cleaning appliances
Tested by: TÜV Rheinland.*



7. PRODUCT AVAILABILITY & CODES

The PlasmaMade® air filter is currently in production and will be available from week 11 2014. New orders can be delivered within 30 days after order confirmation. Orders can be placed and coordinated by our Export Department.

VAN DER SLUIS STAPHORST B.V.
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THE NETHERLANDS

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| | |
|-----------------------|-------------------------------|
| Description | PlasmaMade® air filter |
| Code | GUC1214 |
| EAN Code | 8717953283504 |
| Delivery Terms | EXW. Staphorst |
| Producer | Van der Sluis Staphorst B.V. |

8. LOGISTICS INFORMATION

| Description | |
|--|-------------|
| Packing width | 390mm. |
| Packing depth | 290mm. |
| Packing height | 295mm. |
| Weight (incl. packaging box) | 2060g. |
| Capacity: Units/Euro pallet 800x1200 mm / height 1200mm | 60 pieces |
| Capacity: Truck (standard 13,5m.) 33 euro pallets | 1980 pieces |
| Capacity: 20" FT Container | 1800 pieces |
| Capacity: 40" FT Container | 3600 pieces |

9. INSTRUCTION MANUALS

The instruction manuals of the PlasmaMade® air filter of the above-mentioned filter are currently available in the following languages: African, Arabic, Chinese, Danish, English, Estonian, Finnish, French, Hungarian, Italian, Croatian, Latvian, Dutch, Norwegian, Polish, Portuguese, Russian, Slovenian, Spanish, Czech and Swedish.

10. TECHNICAL DATA SHEET

Characteristics

| | |
|------------------------------------|--|
| Model | GUC1214 |
| Brand | PlasmaMade® air filter |
| Supplier | Van der Sluis Staphorst B.V. |
| Patent No. | Patent 2009138 |
| Dimension | 300 x Ø 210 MM |
| Colour | Black |
| Control panel | Patented active air controlled system® |
| Maintenance | Self-cleaning filter |
| Material outside filter | Plastic (ABS) |
| Diameter outer inlet | 149.5 MM |
| Suitable for any motor till | < 1000m3 |
| Voltage | 220-240V 50-60 HZ OR 110V for USA |
| LED (2) | Stand-by / flow detection |
| Adapter | 240v to 12v |
| Length of the cord | < 150cm. |
| Connected load | 19 watt max. |
| Eccentric mounting adapter | Including |
| Certifications | CE & TÜV |
| Warranty | 5 years |

