

Pure induct

New in our
range

Ventilating with healthy and dust-free air

It is becoming ever more obvious that air pollution is a problem that affects us all. Not just in the big cities, but everywhere around the world where there is traffic and industry, fine dust is released. The Pure induct by Brink is a solution that reliably keeps air pollution outside while still allowing adequate ventilation.



Clean air

The Pure induct system module is mounted in the duct that transports fresh outdoor air from the ventilation appliance to the habitable rooms. All particles present in the air, harmful dust, ultrafines and fine dust, viruses, bacteria, pollen and mold are all caught by the collectors. That means all pollutants are removed from the air to make it cleaner and better for your health.

Operation

The Pure induct uses positive ionisation to catch dust particles. The system module contains a rod with a large number of needles mounted on it. These needles are charged with an electrical voltage so the particles passing along the needle points are electrically charged as well. The end of the module contains three collectors that also carry a static charge. These collectors attract the statically charged particles from the air flow and catch them. That way the dust is removed from the air and clean, pure air enters the dwelling.

BRINK

Air for Life



The Pure induct is installed directly downstream of the ventilation appliance.

Prolonged effectiveness

The Pure induct collectors have an open structure so, unlike HEPA filters, the collectors do not block easily and they remain effective for a much longer period. In addition, their resistance is much lower than that of HEPA filters which has the advantage that the fan can run at a lower speed, the energy consumption drops and no noise is emitted. Where the air quality is such that regular filters like G4 or even F7 do not suffice, the Pure induct with its special collectors is the ultimate solution for a heat recovery ventilation system.

The Pure induct is effective against:

- Coarse dust
- Fine dust (PM10-PM2,5)
- Ultra fine dust and nanoparticles
- Microbiologic pollutants such as: viruses, bacteria, mold, spores and pollen
- VOCs and odours with the optional open-structure, active carbon filter

Technical specifications

Dimensions (LxWxH)	900 x 370 x 350 mm
Diameter	225 mm
Efficiency	99%
Energy consumption	14 W
Voltage	230 V/ 50 - 60 Hz
Maximum air volume	600 m ³ /h

Safety

Many ionisation-based systems release ozone. Ozone is very detrimental to health. The highly advanced Pure induct technology ensures that no harmful ozone or other byproducts are formed. This makes the Pure induct completely safe.

Installation and maintenance

After installation in the ventilation system, it hardly needs looking after. Just like ordinary filters, the collectors must be replaced in time. How long a collector can be used, depends on the pollution in your area. You will find it a pleasant idea to see how much material the Pure induct has taken from the air and prevented from ending up in your lungs.

The advantages at a glance

A clean and healthy indoor climate

Low air resistance leads to low energy consumption

Fully automatic operation

Completely safe

Much more effective than HEPA filters