

**INDOOR AIR HYGIENE GROUP**

Ref.-No.: KKL/1041/20 Essen, 28. May 2020  
Order-No.: 81 18 15 03 68 GrV/TRe

**TÜV NORD Systems  
GmbH & Co. KG**  
ISGBW Testing  
Am TÜV 1  
45307 Essen, Germany  
+49 201 825 - 3204  
GBTesting@tuev-nord.de  
www.tuev-nord.de  
TÜV®

**Report No.: TR-KKL-2020-053-S1**

**Cleaning Performance of a RVU Filter Unit**

**Scope and Object of Examination**

A **Filter Unit “Pure induct”** for Residential Ventilation Units (RVU) by **Brink Climate Systems BV**, 7950 AA Staphorst (Netherlands), with a nominal air flow rate of 300 m<sup>3</sup>/h is examined with regard to cleaning performance of respirable fine dust, mould spores and bacteria.

The examinations were performed by the Test Centre for Air Hygiene, DMT GmbH & Co. KG, Essen, in March and April 2020. The RVU Filter Unit is equipped with an additional ionisation unit.

The retention efficiencies of the RVU-Filter Unit “Pure induct” are determined with particle counters and germ collectors.

**Measurement of retention efficiencies**

Parameter	Results
Retention efficiency of particle fraction 0,3 – 7,0 µm with test dust A2 fine	99,94 %
Retention efficiency of mould spores with conditioned house dust ≤ 100 µm	97 %
Retention efficiency of bacteria with conditioned house dust ≤ 100 µm	98 %

The detailed information on the measurement procedure, boundary conditions and results of the examinations are contained in the test report APS 2 – 00 032 20 dated 24 April 2020.

Essen, 28. May 2020

Dipl.-Ing. Vera Gräff  
Project manager Indoor Air Hygiene Group