

PURE H



Plug & Play


Equipment
with control


Display

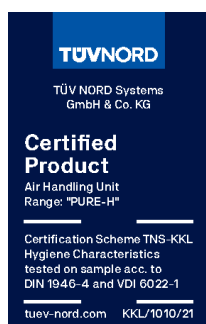
DESCRIPTION

Hygienic air handling unit, model PURE H, developed to meet the highest requirements of HVAC and air treatment systems in environments with stringent hygiene demands, ensuring high technical and sanitary performance standards. Units are tested in independent laboratories in accordance with EN 1886 and EN 13053 standards, as well as hygienic requirements defined by VDI 6022-1 and DIN 1946-4, holding EUROVENT certification and hygienic certification issued by TÜV NORD (PURE-H).

The structure features high mechanical strength, consisting of aluminum profiles with thermal break and double-skin panels 50 mm thick. These panels incorporate rock wool insulation with a density of 70 kg/m³, ensuring high thermal performance in accordance with EN 1886. The unit design also prioritizes hygiene and ease of cleaning, with suitable internal surfaces and selected materials to prevent dirt accumulation and facilitate maintenance operations.

The unit also stands out for its high construction versatility, allowing dimensional adaptation. Panels are fully removable via quick-fit hinges, ensuring simple and effective access to internal components for inspection, cleaning, and maintenance. With an integrated electrical panel, it provides a functional and fully integrated solution for system management and control.

STANDARDS AND CERTIFICATIONS



CLASSIFICATION ACCORDING TO EN 1886

Mechanical strength of casing	D1 (M)
Casing air leakage at -400 Pa	L1 (M)
Casing air leakage at +700 Pa	L1 (M)
Filter bypass leakage	F9 (M)
Thermal transmittance of casing	T2
Thermal bridging of casing	TB3

ADVANTAGES

- Unit adaptable to available space.
- Corrosion class C5.
- Flexibility and versatility.
- Plug & Play control system.
- Integrated electrical panel.
- Warranty up to 5 years.
- Possible integration of Be On module with direct cloud connection and Be Smart monitoring.

ACCESSORIES

- ePM10 50% / M5 filter
- ePM1 50% / F7 filter
- ePM1 80% / F9 filter
- Differential air pressure switch
- Constant airflow control
- CO₂ control

COMPONENTS

