



HS-Airifyre 700



HS-Airifyre 700 is a compact stationary high performance air cleaner for effective filtration of aerosols, particles, dusts and microorganisms (e.g. PM2.5 and Sars-Cov-2).

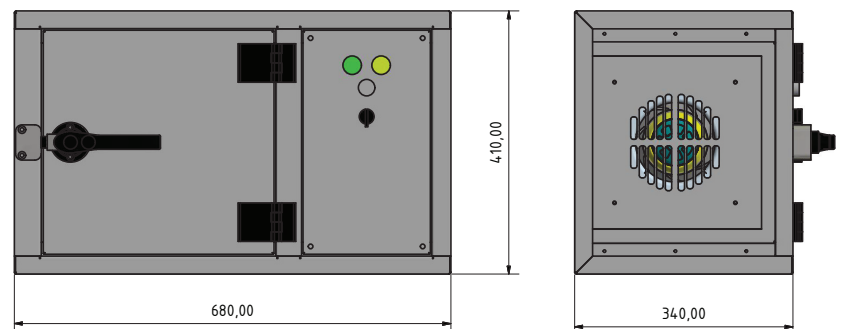
HS-Airifyre 700 is designed to drastically minimize the germ load (viruses, bacteria, mold spores, ultra-fine dust) in workplaces, production, meeting and training rooms to protect health and equipment. HS-Airifyre 700 can also be used in industrial areas for reduction of fine dust (e.g. construction dust, asbestos, pigments, packaging, paper, wood & plastics processing) and particle fractions from smoking (e.g. welding smoke, tobacco) as well as for the filtration of oily aerosols.

The robust and function optimized filter system can be mounted in many ways: at ceilings, walls or outdoor. Several HS-Airifyre 700 units can be used decentralized in large spaces and prevent aerosol distribution over long distances to significantly reduce the risk of infection by airborne germs. In a classroom of e.g. 75 m², 3 HS-Airifyre 700 achieve a 10 times air exchange per hour with a total volume flow of approx. 2100 m³/h.

The low-noise compact fan delivers a total volume flow of up to 700 m³/h with a filter performance >99.995% @ MPPS (most penetrating particle size: approx. 0.1 - 0.3 µm). This means that particles <0.1 µm and >0.3 µm are separated with much higher efficiencies. This also includes Sars-Cov-2 viruses.

HS-Airifyre 700 is delivered ready to plug in and is immediately ready for use.

Housing	<ul style="list-style-type: none">▪ size 680 x 410 x 340 mm (W x H x D)▪ fixed (ceiling, wall, or outdoor mounting)▪ robust, corrosion & moisture resistant
Operating environment	<ul style="list-style-type: none">▪ max. relative humidity 90%▪ operating temperature -10°C to +70°C
Power	<ul style="list-style-type: none">▪ Voltage 200 - 240 V▪ Frequency 50/60 Hz▪ Power consumption 169 W▪ Current draw 1.3 A
Air flow	<ul style="list-style-type: none">▪ up to 700 m³/h
Connections	<ul style="list-style-type: none">▪ Power supply 240V, 50 Hz
Filter	<ul style="list-style-type: none">▪ ISO coarse 85% / EN779 G4▪ EN1822 H13 / >99.95%@MPPS or H14 / >99.995%@MPPS
Options	<ul style="list-style-type: none">▪ Differential pressure switch to indicate filter replacement time▪ Hose adapter for round duct connection [ø 100, 150, 200, 250 mm]



documents might be subject to change / issue November 2020