



QleanAir FS 70 FG

Air cleaner for food industry: QleanAir FS 70 FG

A dedicated air filtration system designed exclusively for the food and beverage industry

When producing consumables, control over your air quality significantly improves the quality and lifespan of your food, helps avoid contamination, and significantly helps improve healthy and safe working conditions in these environments.

Introducing the FS 70 FG

QleanAir Scandinavia has designed from the ground up, a whole new level of compliance towards hygienic standards within the food industry; allowing more control in handling the multiple stages of food and beverage production. That's what the FG in its name stands for; "Food Grade".

The design

We consulted with numerous, quality assurance professionals, risk assessment specialists and plant managers in the industry to make sure every detail was considered in terms of design, safety, and flexibility of the unit. The result is a powerful air cleaner constructed of materials that are corrosion resistant and follow important Hazard Analysis & Critical Control Points (HACCP) guidelines. All external surfaces are smooth and free from small cavities, making it easy to clean, ensuring more hygienic operation and compliance with food production standards.

Key components the FS 70 FG features

Corrosion-resistant materials
A uni-frame hull made with austenitic stainless steel (ISO 1.4307), and food grade silicone seals (EC1935/2004).

Custom, multi-filter configuration
Meeting ISO 16890 and EN1822 standards ensuring continuous efficiency in capturing a wide range of dust/air particles.

Accessories
Optional hoods, and anti-microbial fabric ducting systems/textile diffusers.

Optimized service
Included, routinely scheduled, service plan, i.e. filter replacement.

Performance & Specifications – QleanAir FS 70 FG

FUNCTION

1 Intake – Captures pollution

The QleanAir FS 70 FG has a large intake on the front of the unit to maximize intake volume, and to reduce the risk of involuntary blockage. For safety reasons, the intake is protected by a screen/grid. The filters are placed right behind the inlet grid to avoid cavities where particles and contaminants may accumulate over time.

2 Filtration – Separates harmful particles and contaminants

Using a multi-stage filtration technique, airborne particles and contaminants are effectively separated from the air. The QleanAir FS 70 FG is equipped with a set of filters adapted to your unique needs. Right from installation, we make sure that we live up to our promises through measurements of particle reduction with monitoring of the units.

3 Exhaust – Purified air is returned to the environment

After the air is purified from airborne particles and contaminants, it is returned to the room for optimal recirculation. Special accessories are available as add-ons to create a more flexible solution.



TECHNICAL SPECIFICATIONS

Model	QleanAir FS 70 FG
Product	
Dimensions (Width x Height x Depth)	701 x 1506 x 598 mm
Dimensions on wheels (Width x Height x Depth)	701 x 1651 x 598 mm
Surface material	Stainless steel
Weight (incl. filter)	120 kg
Installation	Stationary or mobile. Wall mounted if no floor space can be allocated.
Speed regulation: Fixed fan speed/Flow steering	Seamless/3 positions
Electronic display	Yes
Airflow and Filtration	
Airflow	0–4000 m ³ /h
Particle filter	ePM Coarse 70% (ISO16890) – HEPA (EN1822)
Noise level	
Silent mode–Maximum speed	< 30–66 dB (A)
Energy consumption	
Power supply	220–240 V, ~50/60 Hz, 3.3 A
Energy consumption	9–730 W
Certifications	CE



QleanAir Scandinavia is a Swedish company that develops, designs, and provides solutions for clean and controlled environments. We will never compromise on delivering state of the art solutions that provide the highest possible quality. And we will back the quality of our products with a same level of commitment to service, using our lifetime product guarantees as a baseline.

