



QleanAir FS 70

Floor standing air filtration system QleanAir FS 70

Air Cleaners for Special Care Rooms

The QleanAir FS 70 is a specialized air cleaner supporting modern healthcare facilities facing high-risk infections where stringent cleaning requirements must be combined with high airflow for the well-being of patients, and the ability to rest is of utmost importance, so the air must be cleaned at lower noise levels.

Optimal cleaning for demanding applications

According to EN1822 standards, the HEPA H14 filter within the FS 70 maintains a very high purification level, making it well suited to meet even the toughest healthcare sector's requirements. This is the standard filter of choice for operating rooms and infection wards.

The unit has a very large air circulation capacity in several operating modes to meet the desired balance between airflow and noise. It also features an exterior surface made of hard, inorganic material to simplify exterior cleaning and disinfection.

An adaptive solution

The FS 70 is a mobile unit suitable for installation hospital wards and special care units. When the need for care changes, the air cleaner can be moved and used elsewhere, with or without connection to air ducts. Easy service access from the front panel.

Benefits of having a QleanAir solution



Protects people



Improves air quality



Cleans w/o disrupting patients' rest

Performance & Specifications – QleanAir FS 70

FUNCTION

1 Intake – Captures pollution

The QleanAir FS 70 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 is equipped with a set of filters adapted for strict hospital requirements. Right from installation, we make sure that we live up to our promises through measurements of particle reduction, monitoring of the units and our lifetime guarantee on functionality.

3 Exhaust – Purified air is returned to the environment

After the air is purified from airborne particles and contaminants, (including viruses and bacteria), it is expelled from the machine via two standard ventilation sockets. Expelled air can be returned to the room for recirculation by adding a flexible exhaust, or textile diffusers, or be distributed elsewhere for specific purpose.



TECHNICAL SPECIFICATIONS

	Model	QleanAir FS 70
	Product	
Dimensions (Width × Height × Depth)		692 × 1527 × 580 mm
Dimensions on wheels (Width × Height × Depth)		692 × 1652 × 580 mm
Surface material		Powder coated steel
Weight (incl. filter)		90 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		G2–HEPA14 (according to EN1822)
	Noise level	
Silent mode–Maximum speed		< 29–63 dB (A)
	Energy consumption	
Power supply		230 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.

