

CleanZone[®] SL

Powerful high-efficiency air cleaning.



- Specially developed for the control of airborne infections and particulate matter in healthcare
- Combines high-efficiency performance with ultra-low noise design
- Wall mount options save valuable floor space



High-performance filtration of:

- fine and ultra fine particles of all types
- infectious bacteria, viruses and spores (TB, SARS, MRSA, Aspergillus, Influenza A and B, etc.)
- tobacco smoke
- general air pollution (PM₁₀, PM_{2.5})



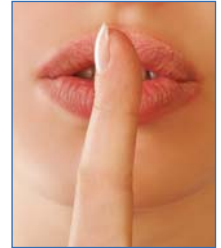
Powerful Removal of Fine and Ultra-Fine Airborne Contaminants



Due to their size and high occupancy, public indoor spaces such as hospitals, classroom and indoor recreational spaces require air filtration that combines high particle removal efficiency with multiple air changes per hour. Nano and micro particle filter technology combined with high airflow and unique air change optimization technology make the IQAir CleanZone SL the ideal system to powerfully remove allergens, microorganisms and harmful fine and ultra-fine particles from larger indoor spaces.

Quiet

Next to poor air quality, noise is one of the main enemies of many recovery, resting, recreational, leisure, hospitality and learning environments. While the CleanZone SL provides extremely powerful air filtration, it does so at an unbelievably low sound level. Even on high airflow settings, the system is able to meet the sound level threshold recommended by the Environmental Protection Agency (EPA for hospital settings). With its silencer module, the system is able to deliver up to 820m³/h at 48 dB(A).



Space Conscious Design

For many indoor areas, space comes at a premium. With its slim design and a depth of 25 cm, the CleanZone SL fits in almost every facility taking up very little floor space. And with the option to mount the air filtration system on a wall, not even floor space is sacrificed.



Feature Summary

- ☑ Highly effective removal of particulate air contaminants
 - ☑ Removes airborne microorganisms
 - ☑ Removes the ultra-fine particles that present the greatest threat to respiratory health (e.g., diesel soot)
 - ☑ Removes allergens
- ☑ High airflow to clean large and critical indoor spaces
- ☑ Quiet, unobtrusive operation
- ☑ Wall-mounted design does not reduce valuable floor space
- ☑ Tamper-proof design
- ☑ Economical, low maintenance operation
- ☑ 100% ozone-free technologies

Specifications

Particle Filtration Technology	Nano-Fiber Media
Total System Efficiency @ 0.3 µm	≥ 99%
Airflow Rate (max.)	820 m ³ /h
Power Consumption @ 230V, 50Hz	max. 74W
Sound Power (with / without Silencer) ± 3 dB(A)	48 dB(A) / 56 dB(A)
Dimensions (with / without Silencer)	182 x 73 x 25 cm / 112 x 73 x 25 cm
Weight (with / without Silencer)	45 kg (99 lbs.) / 32 kg (71 lbs.)
Electrical Configuration	220-240V, 50/60Hz
Standard Features	- 5 fan-speed settings
	- intelligent filter life monitor
	- advanced timer



CleanZone SL



CleanZone SLS



Technical Data	Description	High-performance air cleaning system for the powerful control of particulate matter and microorganisms	Ultra-quiet high-performance air cleaning system for the powerful control of particulate matter and microorganisms
	Airflow Rate per fan speed *	240 / 320 / 450 / 640 / 820 m ³ /h [†]	
	Sound Pressure Level per fan speed **	17 / 23 / 31 / 39 / 45	15 / 20 / 29 / 35 / 40
	Total System Efficiency for:		
	Fine Particles and allergens (≥ 0.3 μm)	≥ 99%	
	Ultrafine Particles, bacteria and viruses (<0.1 μm)	≥ 99%	
	Particulate Matter (PM _{2.5} , PM ₁₀)	≥ 99%	
	Dimensions (LxWxD) excl. casters or wall-stand	112 x 73 x 25 cm	182 x 73 x 25 cm
	Weight incl. filters *	32 kg	45 kg (58 kg with optional GCX Filter Set)***
	Power Consumption per fan speed *	12 / 16 / 50 / 60 / 74 Watt	
Electrical Configuration	220V-240 V / 50-60 Hz		
Filters	Particle Filter	HyperHEPA® SL Filter high-efficiency particle filter with high-capacity media surface area (approx. 13.3 m ²)	
	Gas Phase Filter [†] (Not included. Optional upgrade.)	Optional upgrade requires: Silencer Module GCX Cartridge Filter Set GCX Post-Filter Sleeve Set Cartridge Mounting Plate	Optional upgrade requires: GCX Cartridge Filter Set GCX Post-Filter Sleeve Set Cartridge Mounting Plate
	Media Options:		
	for higher molecular gaseous pollutants, including a broad variety of odour-causing organic compounds, VOC, solvents, alcohols, aromatic hydrocarbons, alkenes, esters and ozone	GCX VOC Cartridge Filter Set 7.8 kg activated carbon	
	for a broad spectrum of gaseous pollutants and odours, including hydrocarbons, VOC, sulfuric oxides, formaldehyde, hydrogen sulphide, lower molecular aldehydes and organic acids, nitrogen oxides, higher molecular gases, odours, ozone	GCX MultiGas™ Cartridge Filter Set 9.8 kg activated carbon & impregnated alumina	
	for a broad range of chemical pollutants including many lower molecular aldehydes (e.g. formaldehyde) and organic acids, sulfuric oxides and nitrogen oxides	GCX ChemiSorber Cartridge Filter Set 14.6 kg impregnated alumina	
	for ammonia, amines (e.g. methylamine, triethylamine) and other base substances	GCX AM Cartridge Filter Set 9.8 kg impreg. activated carbon	
	for acidic gases including caproic acid, caprylic acid, chlorine, formic acid, hydrobromic acid, hydrochloric acid, nitric acid, dinitrogen monoxide, sulfuric acid	GCX AcidPro Cartridge Filter Set 9.8 kg impreg. activated carbon	
Post-Filter (Not included. Only required, if GCX Cartridge Filter Set is selected)	GCX Post-Filter Sleeve Set high-efficiency post-filtration of fine and ultra fine particulate matter		
Other	Maximum Air Changes per Hour		
	25 m ² room size (volume: 65 m ³)	12.6	12.6 (with GCX: 6.2)
	50 m ² room size (volume: 130 m ³)	6.3	6.3 (with GCX: 3.1)
	75 m ² room size (volume: 195 m ³)	4.2	4.2 (with GCX: 2.1)
	100 m ² room size (volume: 260 m ³)	3.2	3.2 (with GCX: 1.5)
	Warranty	2 years (excluding filters)	
Scope of supply	HyperHEPA® SL Filter Remote control Wall-mount Power cord	Silencer module HyperHEPA® SL Filter Remote control Wall-mount Power cord	
Optional Accessories	Caster Kit, Wall-Stand Kit		

* tolerance: ±10%; ** at 1m distance; Tolerance: ±2 dB(A) *** based on MultiGas™ media. Weight may vary depending on installed gas phase media type. Adding GCX gas phase filtration will reduce airflow by approx. 50%.

CleanZone® SL — Powerful Air Cleaning at its Quietest



First in Air Quality

The CleanZone SL is the world's most versatile high-performance air cleaning system for medium-sized public, institutional and commercial environments (e.g., schools, healthcare facilities, museums, fitness centers and open-plan offices) where airborne contaminants and pollution particles such as allergens, microorganisms, PM_{2.5} and PM₁₀ need to be removed with high-efficiency and as silently as possible.



The unique modular design of the CleanZone® SL allows the system to be configured and installed according to the client's individual needs. The following configuration options are available:



Note: For the filtration of chemical substances and odours all CleanZone® SL systems with silencer module (No. 1, 3, 6 and 8 above) can optionally be equipped with IQAir's GCX gas phase filter cartridges and post-filter sleeves.