

Air purifiers

CLIP5 & CLIP19 SERIES

Air Treatment System



頑張る
Perseverance

Defy your limits

How we can improve **INDOOR AIR QUALITY**



Dilution

Increase the proportion of fresh air inside the building by increasing exterior ventilation.



Collection

Filters of various efficiencies to capture various particle sizes of up to 99.97% efficiency on particles 0.3 microns and larger.



Removal

Sterilization stage incorporating type C ultraviolet rays that combat germs, bacteria, viruses and fungi, complying with ASHRAE task force regulations.

Air pollutants:



Carbon dioxide



Indoor formaldehyde



Odor and gases



Air particles



Tobacco

Why purify indoor air?

90% of our life is spent indoors. Indoor air can be 2 to 5 times more polluted than outdoor air. Moisture in the air, odors and floating particles in the air... although imperceptible at first, can cause a lot of physical and environmental damage to our lifestyle.

Air purifier CLIP19



Air treatment system

The CLIP19 Air Treatment System is an air purifying equipment designed with the purpose of mitigating contamination and the spread of respiratory diseases within closed areas or enclosures. Its excellent design provides an air purification capacity that can range from 25 m² to approximately 200 m². *

Applications



Offices



Classrooms



Restaurants



Fitness centers



Medical centers



Shopping malls



Theaters



Convenience stores



Labs

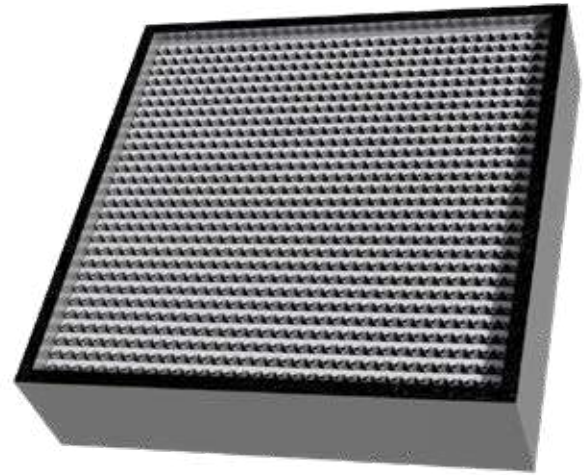


Auditoriums

*The purification capacity is measured for a height of 3 m.

High-efficiency filters

The unit has high efficiency HEPA (High Efficiency Particulate Air) filters inside, which are previously subjected to rigorous efficiency tests under the guidelines of standard 52.2 developed by the American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE); where its size is used to determine the performance with respect to the retention capacity of airborne particle.



PURIFICATION OPTIONS

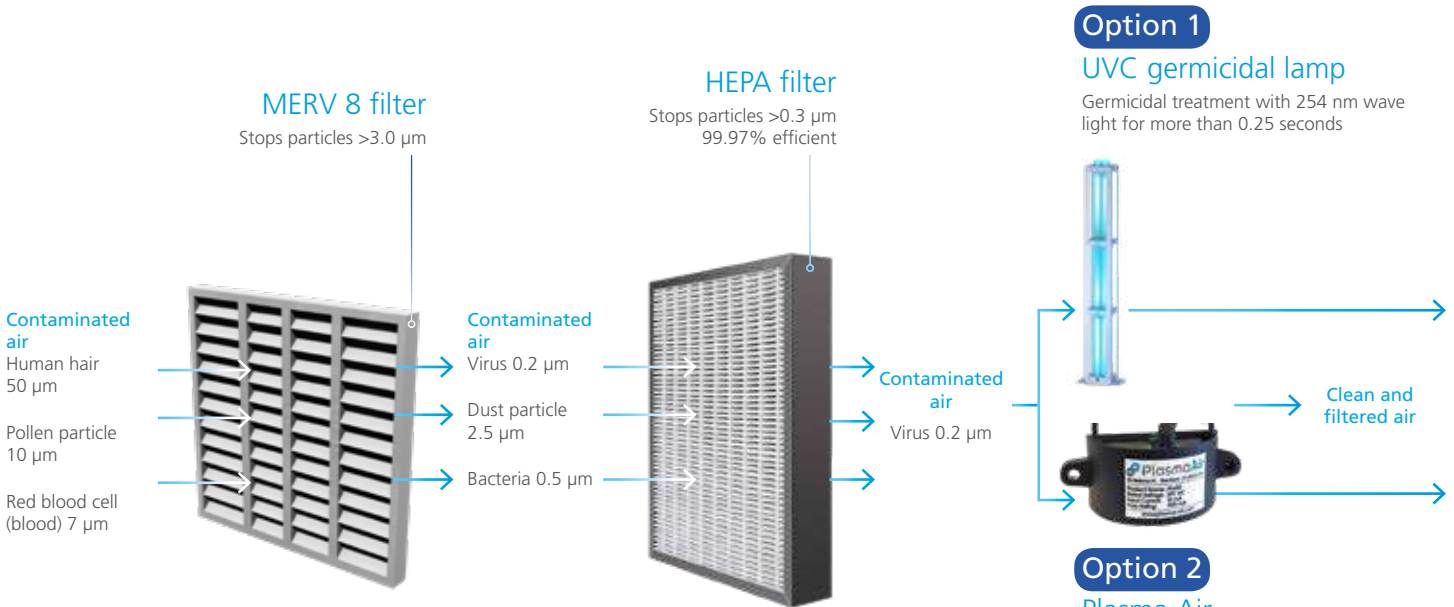
Ultraviolet light lamp

With its germicidal effect, disrupts DNA base pairing and leads to the inactivation of bacteria and viruses.

Plasma Air

The Plasma are needlepoint brush-type ionizers producing an equal amount of positive and negative ions neutralizing harmful pollutants and odors.

Filter efficiency when filtering the air with dust particles, bacteria, saliva, and more.



* The MERV 8 filter complies with ASHRAE 52.2 standard

** HEPA filter complies with international standard ISO 14644-3

*** UVC lamp complies with European standard EN50698-2-1: 1998

Main characteristics of CLIP19



› Superior air injection.



› Air return through 4 sides.



› 4 MERV 8 pre-filters (Retention of particles from 3.0 to 10.0 μm).*



› 4 HEPA filters (Efficiency of 99.97% for particles of 0.3 μm).**



› Optional UVC type germicidal lamp (254 nm wavelength quartz filament, ozone free).***



› Optional Plasma Air (Ionizer)



› 2 ECM self-regulating motors (variable speed), allow to maintain the air volume according to the saturation in filters.



› Cabinet with baked paint acoustically insulated through galvanized steel cells.



› Vertical design.



› Filter change indicator light.



› Automatic stop in case of filter saturation.



› Multi-position wheels with independent brakes for easy transport.

* MERV 8 filters comply with ASHRAE 52.2 standard.

** HEPA filters comply with the international standard ISO 14644-3

*** The UVC lamp complies with the European standard EN50698-2-1: 1998

Discharge options



Vertical (standard)



On all 4 sides (optional)



Jet Flow type (optional)

Airports



Shopping malls



Auditoriums



Air purifier CLIP5



Air purifying unit

The CLIP5 air purifying unit is designed with the purpose of mitigating contamination and the spread of respiratory diseases within closed areas or enclosures. It provides air purification capacity ranging from 50m² to approximately 100 m².^{*} To improve filtration results, the air purifying unit features a lower-efficiency pre-filter to increase the durability of the HEPA filter. In order for purification to be achieved more effectively, the equipment additionally has optional exposure to ultraviolet light with a UVC germicidal effect or plasma.

Applications



Offices



Classrooms



Restaurants



Fitness centers



Medical centers



Shopping malls



Theaters



Convenience stores



Labs



Auditoriums

^{*}The purification capacity is measured for a height of 3 m.

Main characteristics of CLIP5



› Superior air injection.



› Air return on 1 side.



› MERV 8 pre-filter (Retention of particles from 3.0 to 10.0 μm).*



› HEPA filter (Efficiency of 99.97% for particles of 0.3 μm).**



› Optional UVC type germicidal lamp (254 nm wavelength quartz filament, ozone free).***



› Optional Plasma Air (Ionizer)



› ECM self-regulating motor (variable speed), allows to maintain the air volume according to the saturation in filters.



› Cabinet with baked paint acoustically insulated through galvanized steel cells.



› 1-year warranty on parts and components, filters not included.



› Possibility of ducting the discharge and thus reduce the dB emitted by the equipment.



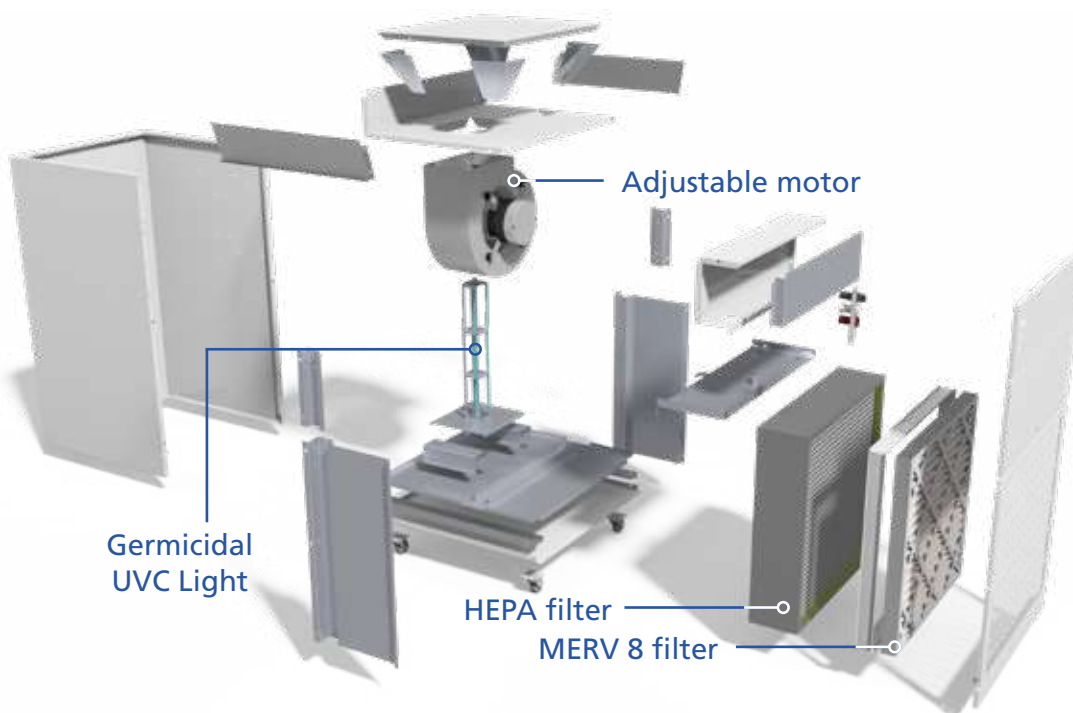
› Multi-position wheels with independent brakes for easy transport.

* MERV 8 filter complies with ASHRAE 52.2 standard.

** HEPA filter complies with the international standard ISO 14644-3

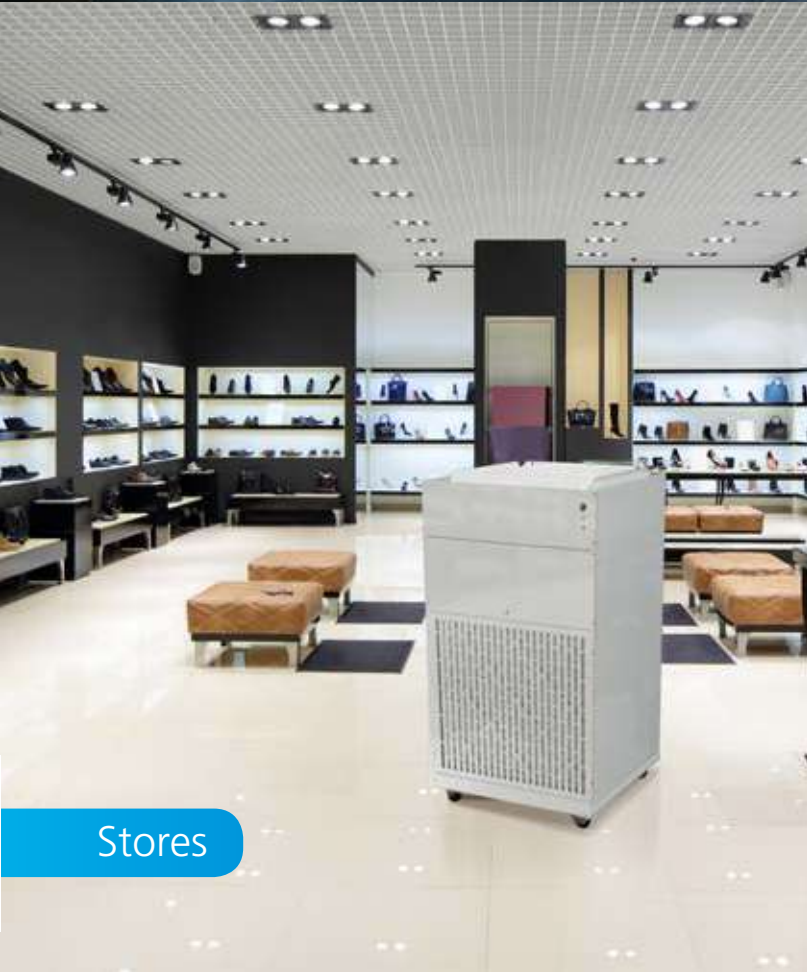
*** The UVC lamp complies with the European standard EN50698-2-1: 1998

Main components





Fitness centers



Stores



Restaurants



Specifications

Model		CLIP19	CLIP5
Total CFM		1,900	500
Dimensions		1,051×1,051×1,732 mm	660×662×1,231 mm
Weight		260 Kg	79 Kg
Ventilator	Type	Centrifugal	Centrifugal
	Quantity	2	1
V / Ø / F		115 / 1 / 60	115 / 1 / 60
Pre-filters	Type	MERV 8	MERV 8
	Quantity	4	1
Filters	Type	HEPA	HEPA
	Quantity	4	1
Lamp		UVC (optional)	UVC (optional)
Plasma Air		Optional	Optional
Control		Digital	Digital
dBA		54 A* / 50 A**	56.9 A
Motor current		11.8 A (L1)	0.7 A (L1)
Motor	Quantity	2	1
	POT	1.120 kW	0.56 kW / 3/4 HP
	RPM	1,800	1,800
	i(A) max	17.6	12.4



CLIP19



CLIP5

* The measurement is taken at 1m in distance at 1m height with vertical discharge (standard)

** The measurement is taken at 1m in distance at 1m high with discharge on 4 sides optional)



*Our commitment to continuous improvements can mean changes in specifications without notice.



Clima-Flex is part of Daikin's Group of companies.
Daikin is the world's leader in Air Conditioning.
We are devoted to deliver outstanding products and innovative home, business, and industrial solutions.

Defy your limits
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