



RÉGÉNÉRATEUR DE PURETÉ



PLASMA GATE

A "pulsed air shower" equipped with H-Ioncluster technology.

Installed at the top of an entrance, this plasma air curtain blows ionized air to loosen and inactivate viruses with dust, preventing them from entering buildings.

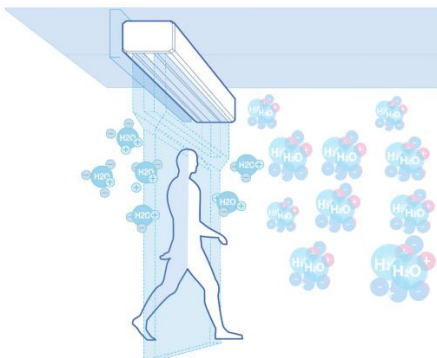
- ✓ Suitable for installation at the door of any type of building like hospitals, hotels, casinos, offices, shopping centers, schools or tertiary building.
- ✓ The plasma Gate disinfect people with an H-Ion cluster air shower.
- ✓ Air outlet on the below side.
- ✓ Choice of 3 different speeds comfort adaptable
- ✓ 2 ion discharge tube units (AIOII).
- ✓ No filter, thus no filter maintenance fee.



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Model	Air flow In m/s Speed 1/2 /3	Power Supply	Size	Electric consumption	Type og turbine	Sound volume (position 3)
PG 1	8,5/11/14	220VAC	745mm	175W	1 axe simple	60 dB
PG 2	7.5/10.5/13.5		845mm	180W		60 dB
PG 3	9/11.5/13.5		489mm	205W	1 axe double	65 dB
PG 4	6.5/10/13		646mm	260W		65 dB

Implementation :





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Test Results from Accredited Test Labs

Virus and Bacteria	Test Lab	Efficiency	Area (m ³)	Test Hour	Test Product (Module)
Bacteria	Intertek (France)	95.0 %	60	1	BW60 (AIOII 2 units)
Fungi	Intertek (France)	95.0 %	60	1	BW60 (AIOII 2 units)
S.Aureus	Intertek (France)	99.9 %	60	1	BW60 (AIOII 2 units)
E.Coli	Intertek (France)	99.9 %	60	1	BW60 (AIOII 2 units)
Eumycota	Kankyo Research (Japan)	80%	43	1	Ion One (AIOII 1 unit)
Fungi	Padova Univ (Italy)	71%	30	8	Bellaria (AIOII 1 unit)
Total Bacteria Count	Padova Univ (Italy)	85%	30	8	Bellaria (AIOII 1 unit)

Virus and Bacteria	Test Lab	Efficiency	Area (m ³)	Test Product	Test Method
H1N1 influenza	Kitasato (Japan)	95%	2	CD-12 1 unit	
S.Aureus	Kitasato (Japan)	78%	2	CD-12 1 unit	
Salmonella	KCL (Korea)	99.9 %	4	AIOII 1 unit	Blowed ionclusters on virus or bacteria coated badge and checked efficiency
MRSA (Super Bacteria)	KCL (Korea)	99.9 %	4	AIOII 1 unit	
E.Coli	SCLAB (Korea)	98.8 %	4	CD-12 1 unit	
Bacteria	EnvirScreeningLab (USA)	99%	112	DI-6	Real site test: installed ioncluster inside duct and checked efficiency

Test Report for Removal Efficiency of AeroClean Ion Cluster Products

	Contaminant	Efficiency	Test Institute
Bacteria & Virus	S.Aureus Bacteria	99%	KTR, SCLAB
	Influenza A Virus (H1N1)	95%	Kitasato (Japan)
	MSRA Super Bacteria	95%	KCL
	Salmonella	99%	KCL
	E. Coli Bacteria	99%	KTR, SCLAB
	Bacteria	99%	Enviro Screen Lab (USA)
	Fungi	99%	Intertek
Chemical & VOCs	VOC	98%	Samsung Electronics
	Formaldehyde	98%	KCL
	Ammonia	93%	Inha Univeristy, KTR
	Toleune	92%	Inha Univeristy, KTR
	H2S	98%	KTR
	Acetone	98%	KCL
	Ethylene	100%	KCL