

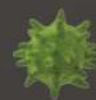


Hi-performance Plasma Filtration System

# Plasma Quad Connect



Plasma Quad Connect is an high-performance air purifying device which can even be installed on the existing units, contributing to a better air quality in your room. Plasma Quad Connect applies a voltage of 6,000 volts to the electrode to generate plasma, effectively removing various kinds of particles such as viruses, bacteria, molds, allergens, dust, and PM2.5.



Virus  
**99%**  
inhibited\*1 \*2



Bacteria  
**99%**  
inhibited\*2



Mold  
**99%**  
inhibited\*2



Dust  
**99.7%**  
inhibited



Allergen  
**98%**  
inhibited


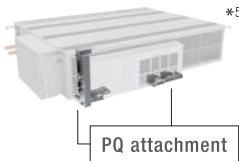
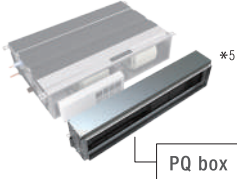
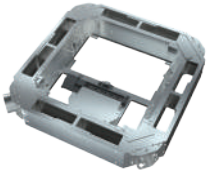


PM2.5  
**99%**  
inhibited\*2

\*1 The result of test with Influenza A virus.

\*2 The result is based on the test with a device installed on the representative indoor unit. (MSZ-AP series)

## Specification

Model Name	MAC-100FT-E	PAC-HA11PAR, PAC-HA31PAR PAC-HA21PAU, PAC-HA31PAU (Attachment for Ducted Indoor Units)*1,*3	PAC-KE91PTB-E, PAC-KE92PTB-E PAC-KE93PTB-E, PAC-KE94PTB-E PAC-KE95PTB-E (Box for Ducted Indoor Units)*1,*3	PAC-SK51FT-E*4
Product Image				
Compatible with	MSZ, PKA, and PKFY*2 (Wall mounted models)	SEZ, PEAD, and PEFY*2	SEZ, PEAD, and PEFY*2	PLA and PLFY*2 (4-way Cassette 3x3 models)
Input Voltage	Single Phase AC220~240V	—	—	Single Phase AC220~240V
Frequency	50/60Hz	—	—	50/60Hz
Power Consumption	4W	—	—	—
Size H×W×D	56mm×499.5mm×168mm	—*6	247mm×917mm×179mm*7	134mm×840mm×840mm
Weight	1,600g	360g*6	4,570g*7	8,700g

\*1 Both MAC-100FT-E and PQ Attachment or PQ box will be required when using with ducted models. \*2 Please contact your nearest sales office about compatible model.

\*3 Specifications are subject to change without notice. \*4 When multi-functional casement or automatic filter elevation panel is used/installed, PAC-SK51FT-E can not be used.

\*5 The image shows rear suction. \*6 Depends on model. Shows weight of PAC-HA11PAR. \*7 Depends on model. Shows size/weight of PAC-KE92PTB-E.

## Test Report Results

Following test results were conducted under controlled laboratory conditions. Performance might differ in real life environment.

Tested Materials		Tested Standard	Capacity	Time	Result	Testing Organization	Test Report
Virus	New Coronavirus (SARS-CoV-2)	Original	—*8	360min	99.8% inhibited*9	Japan Textile Products Quality and Technology Center	20KB070569
	Influenza A	JEM1467	25m <sup>3</sup>	175min	99% inhibited*10	SMC Virus Research Center Japan (JAPAN)	R2-003
Bacteria	Staphylococcus Aureus	GB21551.6-2010	30m <sup>3</sup>	335min	99% inhibited*10	CHEARI (Beijing) Certification & Testing Co., Ltd.	WK-21-50161
Mold	Penicillium Citrinum	JEM1467	25m <sup>3</sup>	160min	99% inhibited*10	Life Science Research Laboratory (JAPAN)	LSRL-51021E-E091
Allergen	Cat Fur and Pollen	Original	—*8	—	98% inhibited*11	Institute of Tokyo Environmental Allergy (JAPAN)	No.T1606028
Dust	Dust and Mites	Original	—*8	—	99.7% inhibited*11	Institute of Tokyo Environmental Allergy (JAPAN)	No.T1606028
PM2.5	Cigarette smoke	JEM1467	25m <sup>3</sup>	300min	99% inhibited*10	Life Science Research Laboratory (JAPAN)	SRL-21010E-E091

\*8 The test was conducted on the Plasma Quad device alone, not designed to evaluate product performance. \*9 The result without the effect of natural attenuation is 96.3%.

\*10 The result is based on the test with a device installed on the representative indoor unit. (MSZ-AP series) \*11 It shows the result when allergen and dust pass through the device once.

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