

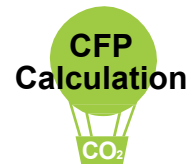
EC-MAC (DC motor type)

Equipped with brushless DC motor

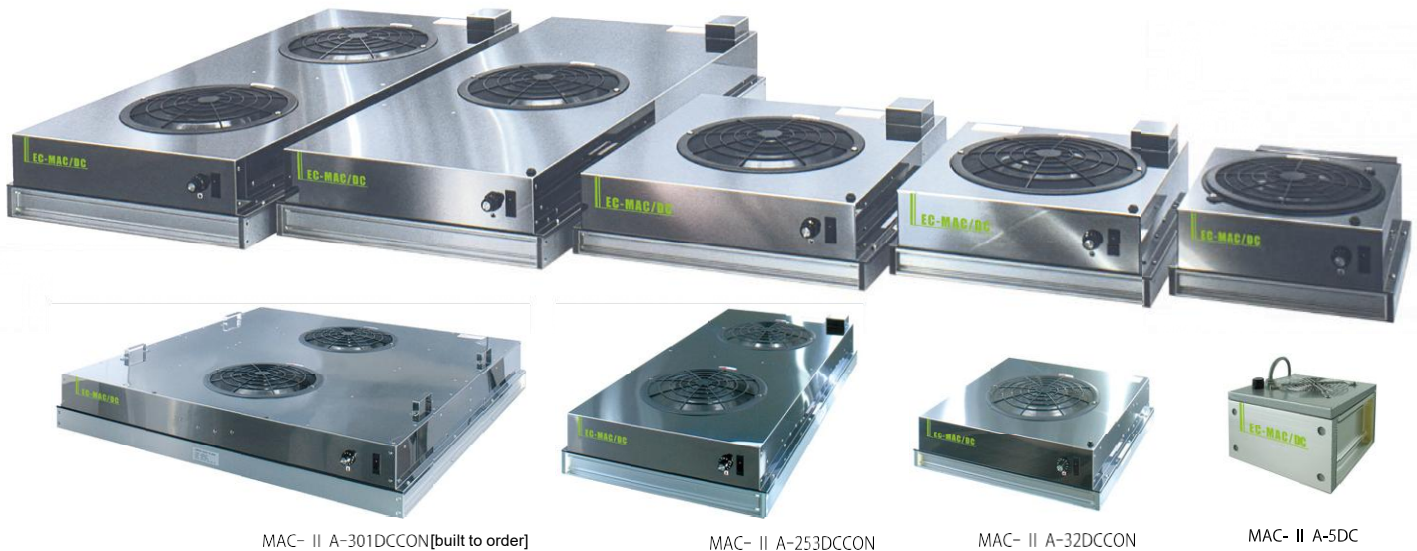
RoHS compliant

* RoHS Directive : EU rules restricting the use of hazardous substances in electrical and electronic equipment to protect the environment and public health.

High performance, and energy-efficient with excellent cost-effectiveness.



CFP is calculated based on maximum airflow, approx. 23.4 hours of operation per day, and a 10-year service life. Operating at reduced airflow will lower the CFP.



MAC- II A-301DCCON[built to order]

MAC- II A-253DCCON

MAC- II A-32DCCON

MAC- II A-5DC

Stainless steel (mirror finish)

Offers excellent corrosion resistance. Its range of applications has expanded.

Power saving

Reduce power consumption by using the high efficiency brushless DC motor

Adjustable airflow control

The speed controller enables stepless speed control by regulating the DC motor rotation, allowing for precise airflow control.

* Exclude MAC- II A-5DC.

Power source

Also possible to choose AC 200V / AC220V 1φ.

* MAC-IIA-5DC operates on DC24V only.

Operation indicator light

Outputs the signal during operation.

* Contact capacity: DC 30V 2A

* Exclude MAC- II A-5DC

Glowing filter

Equipped with a LED indicator light for confirming operation status at a glance.

* Please contact us if you need it for MAC- II A-301DCCON, -451DCCON.

* Exclude MAC- II A-5DC, PTFE filter type.

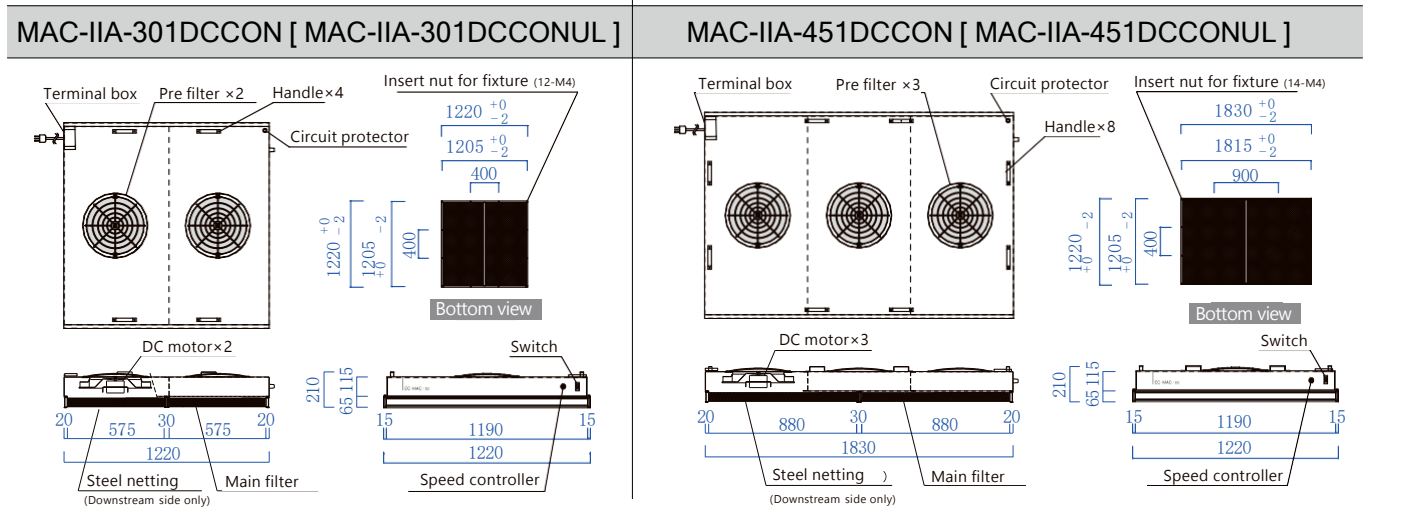
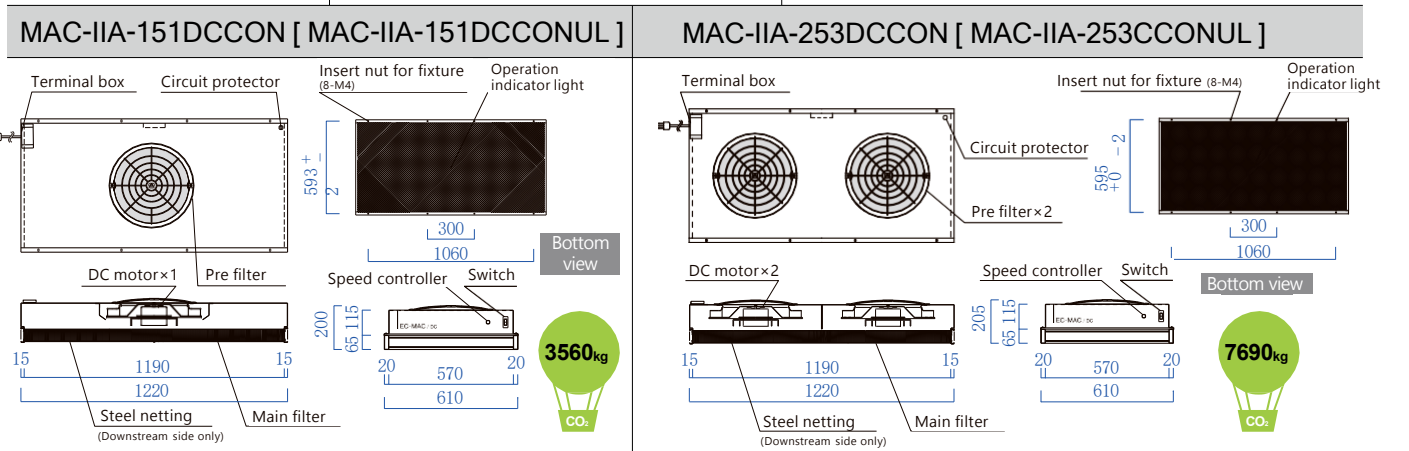
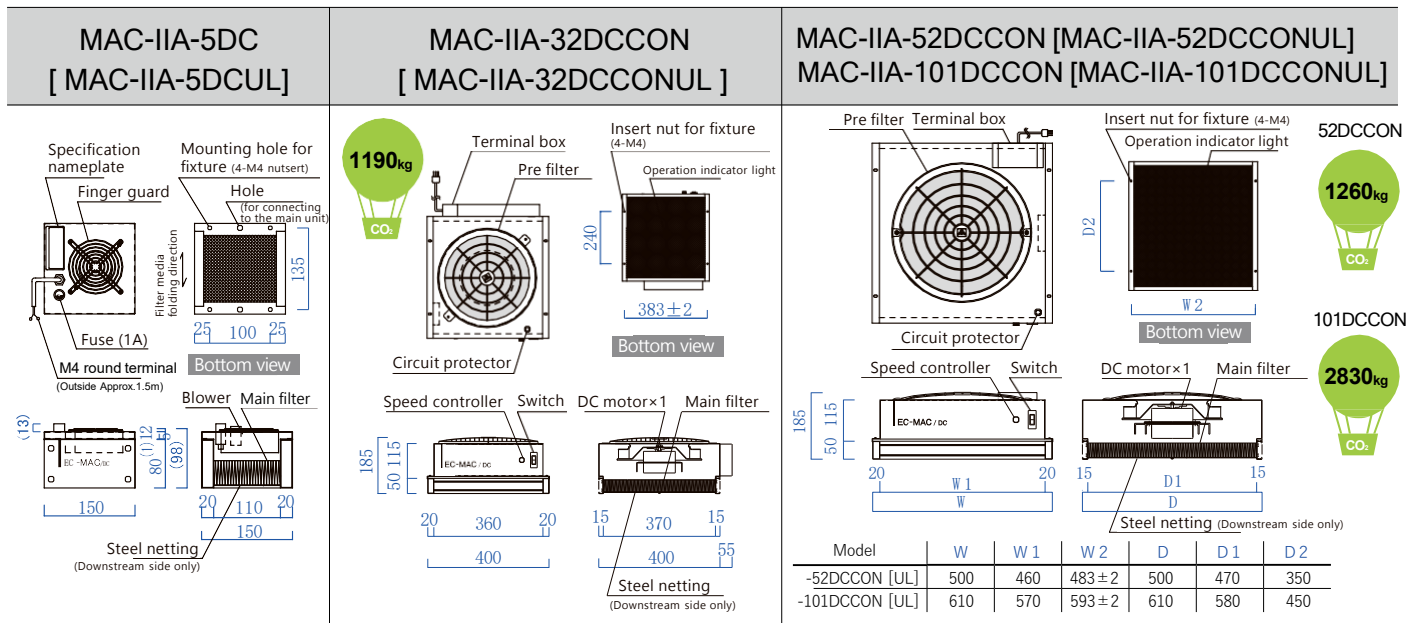


Model	MAC - II A-5DC [MAC- II A-5DC]	MAC - II A-32DCCON [MAC- II A-32DCCONUL]	MAC - II A-52DCCON [MAC- II A-52DCCONUL]	MAC - II A-101DCCON [MAC- II A-101DCCONUL]	MAC - II A-151DCCON [MAC- II A-151DCCONUL]
Efficiency	99.99% or higher at 0.3 μm particles [99.999% or higher at 0.1 ~ 0.2 μm particles]				
Main filter	CD3136617 [CD3139453]	CD3052533 [CD3052534]	CD3052535 [CD3052536]	CD3052537 [CD3052538]	CD3055797 [CD3055829]
Pre filter	Made by resin * Optional item	CD4060470		CD2045380	
Air volume (m ³ /min)	Approx. 0.55 [0.45]	Approx. 3 [2.5]	Approx. 5 [4]	Approx. 10 [8]	Approx. 15 [13]
Average air velocity (m/s)	0.7 [0.56]	0.38 [0.31]	0.39 [0.31]	0.51 [0.4]	0.37 [0.32]
Noise (dBA)	Approx. 52	Approx. 54	Approx. 54	Approx. 55	Approx. 58
Power source	DC24V	AC100V 1 φ 50/60Hz			
Power consumption (W)/ Apparent power (VA)	Approx. 9 [9]	Approx. 28/50 [25/40]	Approx. 28/55 [26/50]	Approx. 65/110	Approx. 78/130
Blower (unit)	Brushless DC fan × 1	Brushless DC motor × 1			
Weight (kg)	Approx. 1	Approx. 8.1	Approx. 10.0	Approx. 12.0	Approx. 19.3
Structure	Steel plate (baking finish)	Main body: SUS430 (mirror finish)			
Operation indicator light	None	Red high luminance LED * Glowing filter			
Accessories	Gasket for mounting device				

* The specifications in [] apply to ULPA filter type.

* Measured noise in an anechoic room at 1m from the outlet side. Noise levels in general rooms will differ.

* Please contact us if you want AC200V / AC220V type (MAC-IIA-5DC operates on DC24V only).



Model	MAC-IIA-253DCCON [MAC-IIA-253DCCONUL]	MAC-IIA-301DCCON (built to order) [MAC-IIA-301DCCONUL] (built to order)	MAC-IIA-451DCCON (built to order) [MAC-IIA-451DCCONUL] (built to order)
Efficiency	99.99% or higher at 0.3 μm particles [99.999% or higher at 0.1 ~ 0.2 μm particles]		
Main filter	CD3055797 [CD3055829]	HEPA filter [ULPA filter]	
Pre filter	CD2045380	Saran net	
Air volume (m ³ /min)	Approx. 25 [20]	Approx. 30 [27]	Approx. 45 [40]
Average air velocity (m/s)	0.61 [0.49]	0.36 [0.32]	0.36 [0.32]
Noise (dBA)	Approx. 62	Approx. 62	Approx. 65
Power source	AC100V 1 φ 50/60Hz		
Power consumption (W)/ Apparent power (VA)	Approx. 180/ Approx. 320	Approx. 160/ Approx. 280	Approx. 240/ Approx. 390
Blower (unit)	Brushless DC motor × 2		Brushless DC motor × 3
Weight (kg)	Approx. 25	Approx. 50	Approx. 70
Structure	Main body: SUS430 (mirror finish)		
Operation indicator light	Red high luminance LED * Glowing filter	None	
Accessories	Gasket for mounting device		

* The specifications in [] apply to ULPA filter type.
 * Measured noise in an anechoic room at 1m from the outlet side. Noise levels in general rooms will differ.
 * Please contact us if you want AC200V / AC220V type (MAC-IIA-5DC operates on DC24V only).