

CleanRoom SOLUTION

ACDT



AIR CLEAN DEVISER TAIWAN

Serve with The Best Quality

- | **Space saving**
- | **Performance optimization**
- | **Perfect integration of FFU control and differential pressure module**

FEATURES

- Individual LED display for FFU RPM
- Individual LED display for differential pressure value
- Fan operation status indicator
- Differential pressure status indicator
- Error code display for abnormal differential pressure
- Differential pressure abnormal signal output
- FFU abnormal signal output
- Combine FFU controller and differential pressure module to save space
- Can connect 1~3 fans
- Can set alarm value for upper / lower differential pressure
- Optional: RS485 signal transmission



Air Clean Deviser Taiwan Corp.

No. 25, Ln. 280, Sihde Rd., Wufong Dist., Taichung City 41353, Taiwan

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Website

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SD420Si

M-SD420Si

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SINCE 1993

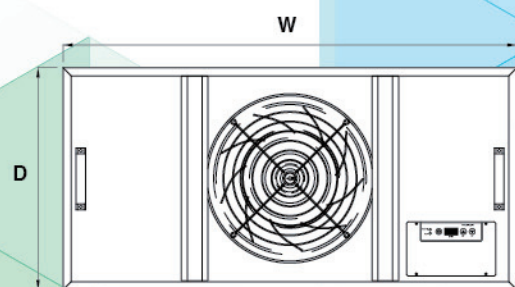
MATERIAL SUS430 & SUS304

POWER AC 1Ø 220V 50/60Hz

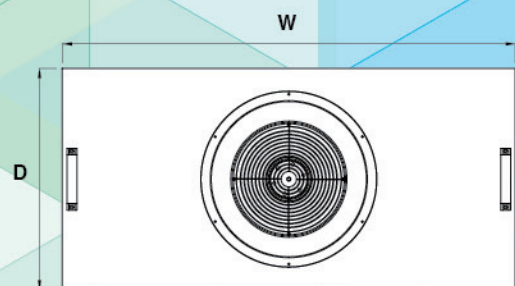
MOTOR EC Brushless Frequency Converter Motor

HEPA

Aluminum frame, Filtration efficiency 99.99% at 0.3um
(Optional: ULPA 99.999% at 0.1~0.12um)



▲ SD420Si



▲ M-SD420Si

FFU EC Standard Type

Item	SD420Si	SD430Si	SD525i	SD440Si
Size (mm)	W1175*D575*H350	W1173*D873*H350	W1473*D723*H350	W1175*D1175*H350
HEPA Size (mm)	1170*570*50	1170*870*50	1470*720*50	1170*1170*50
Air Velocity (m/s)	0.35 ~ 0.5	0.35 ~ 0.5	0.35 ~ 0.5	0.35 ~ 0.5
Air Volume (cmm)	15 ~ 20	23 ~ 30	23 ~ 30	30 ~ 40
Current (A)	0.28 ~ 0.44	0.37 ~ 0.66	0.37 ~ 0.66	0.59 ~ 0.98
Power Consumption (W)	60 ~ 95	80 ~ 145	80 ~ 145	115 ~ 210
Weight (kg)	28	33.5	36	45.5

FFU EC Thin Type

Item	M-SD220Si	M-SD320Si	MS-D420Si	M-SD430Si	M-SD440S
Size (mm)	W573*D573*H200	W918*D573*H200	W1173*D573*H200	W1173*D873*H200	W1173*D1173*H200
Hepa Size (mm)	570*570*50	915*570*50	1170*570*50	1170*870*50	1170*1170*50
Air Velocity (m/s)	0.35 ~ 0.5	0.35 ~ 0.5	0.35 ~ 0.5	0.35 ~ 0.5	0.35 ~ 0.5
Air Volume (cmm)	7 ~ 10	12 ~ 16	15 ~ 20	23 ~ 30	30 ~ 40
Power Consumption (W)	45 ~ 60	60 ~ 90	80 ~ 120	100 ~ 170	150 ~ 240
Weight (kg)	16	18	20	35	39.5



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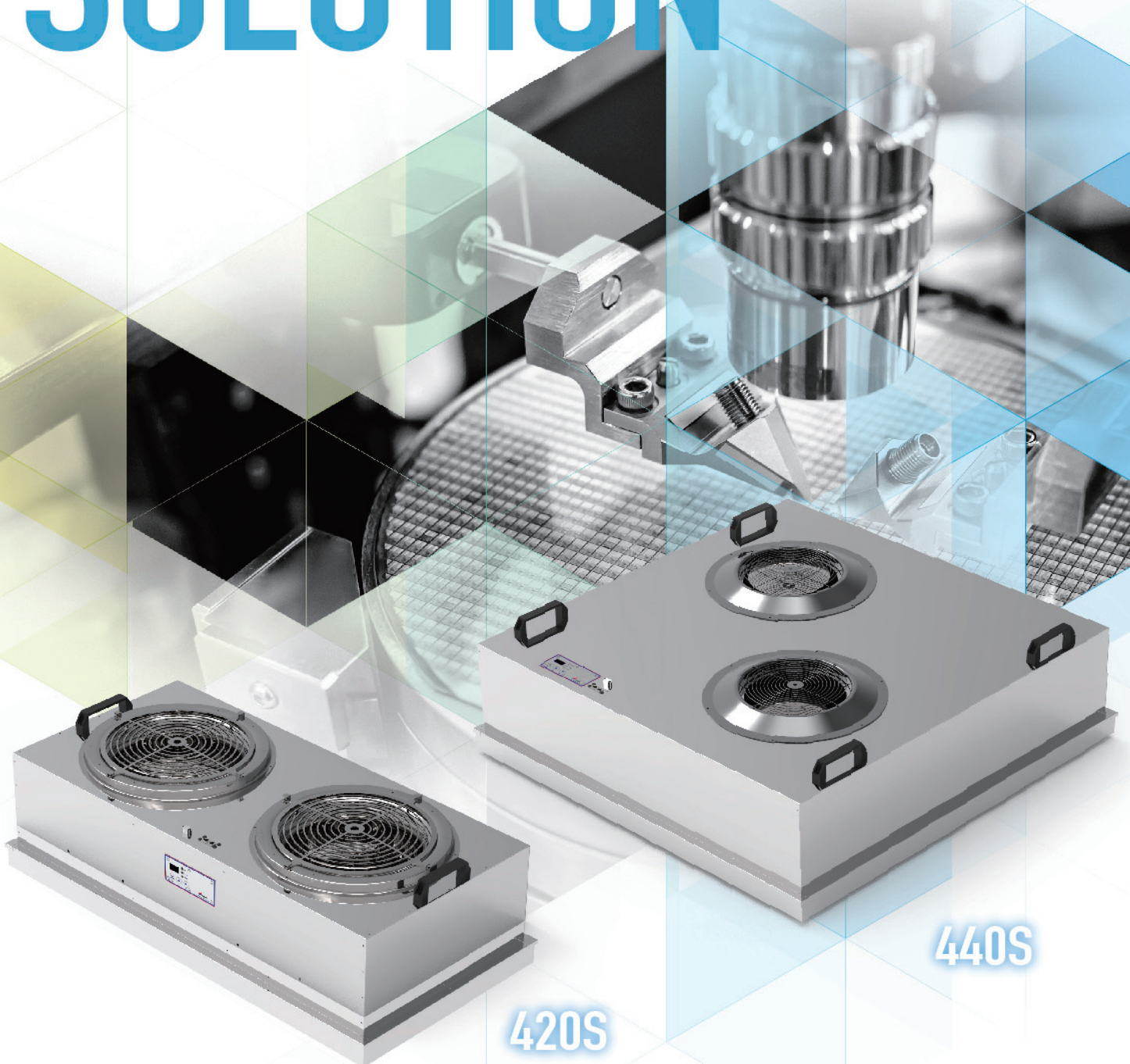
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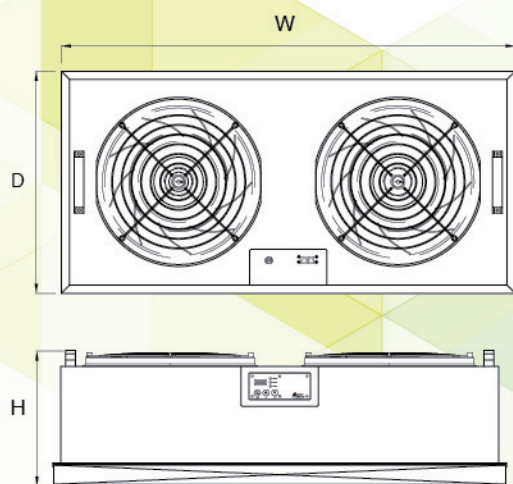
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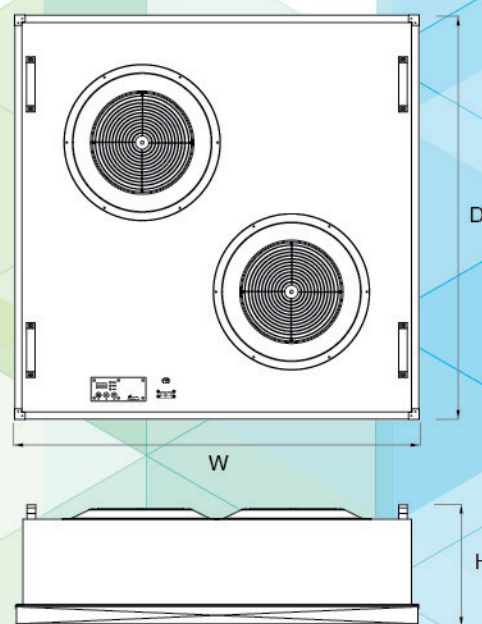


AIR CLEAN DEVISER TAIWAN

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◀ B-SD420S



▲ B-SD440S

MATERIAL SUS430 & SUS304

POWER AC 1Ø 220V 50/60Hz

MOTOR EC Brushless Frequency Converter Motor

HEPA

Aluminum frame, Filtration efficiency 99.99% at 0.3um
(Optional: ULPA 99.999% at 0.1~0.12um)

Item	B-SD420S	B-SD430S	B-SD525	B-SD440S
Size (mm)	W1175*D575*H350	W1173*D873*H350	W1473*D723*H350	W1175*D1175*H350
HEPA Size (mm)	1170*570*50	1170*870*50	1470*720*50	1170*1170*50
Air Velocity (m/s)	0.35 ~ 0.90	0.35 ~ 0.90	0.35 ~ 0.90	0.35 ~ 0.80
Air Volume (cmm)	15 ~ 36	23 ~ 55	23 ~ 55	31 ~ 66
Current (A)	0.41 ~ 1.32	0.50 ~ 1.91	0.50 ~ 1.91	0.59 ~ 2.00
Power Consumption (W)	90 ~ 290	100 ~ 420	100 ~ 420	130 ~ 440
Weight (kg)	33	41	44	50



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MAC-SD3i



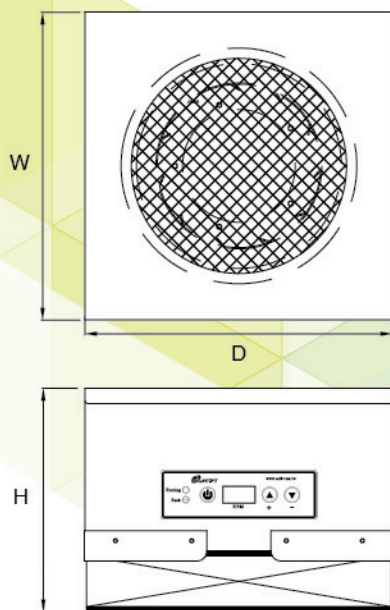
MAC-SD5i



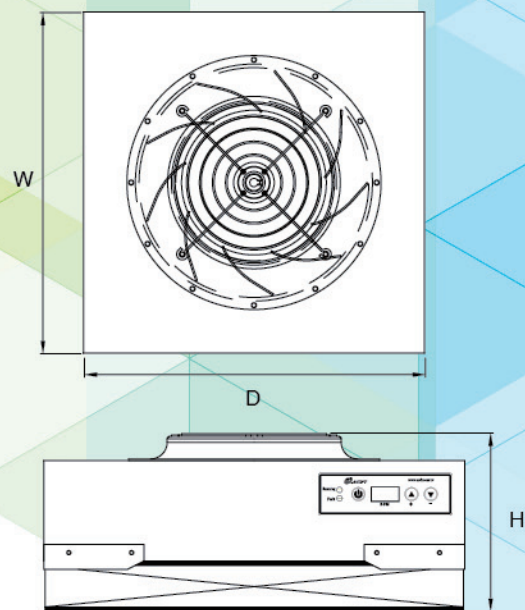
MAC-SD7i

AIR CLEAN DEVISER TAIWAN

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▲ MAC-SD3i



▲ MAC-SD5i / 7i

MATERIAL SUS430 & SUS304

POWER AC 1Ø 220V 50/60Hz

MOTOR EC Brushless Frequency Converter Motor

HEPA

Aluminum frame, Filtration efficiency 99.99% at 0.3um
(Optional: ULPA 99.999% at 0.1~0.12um)

Item	MAC-SD3i	MAC-SD5i	MAC-SD7i
Size (mm)	W303*D303*H220	W403*D403*H210	W503*D503*H210
HEPA Size (mm)	300*300*50	400*400*50	500*500*50
Air Velocity (m/s)	0.35~0.70	0.35~0.70	0.35~0.70
Air Volume (cmm)	2~4	3~7	5~10.5
Power Consumption (W)	25~42	38~53	45~60
Weight (kg)	9	10	12



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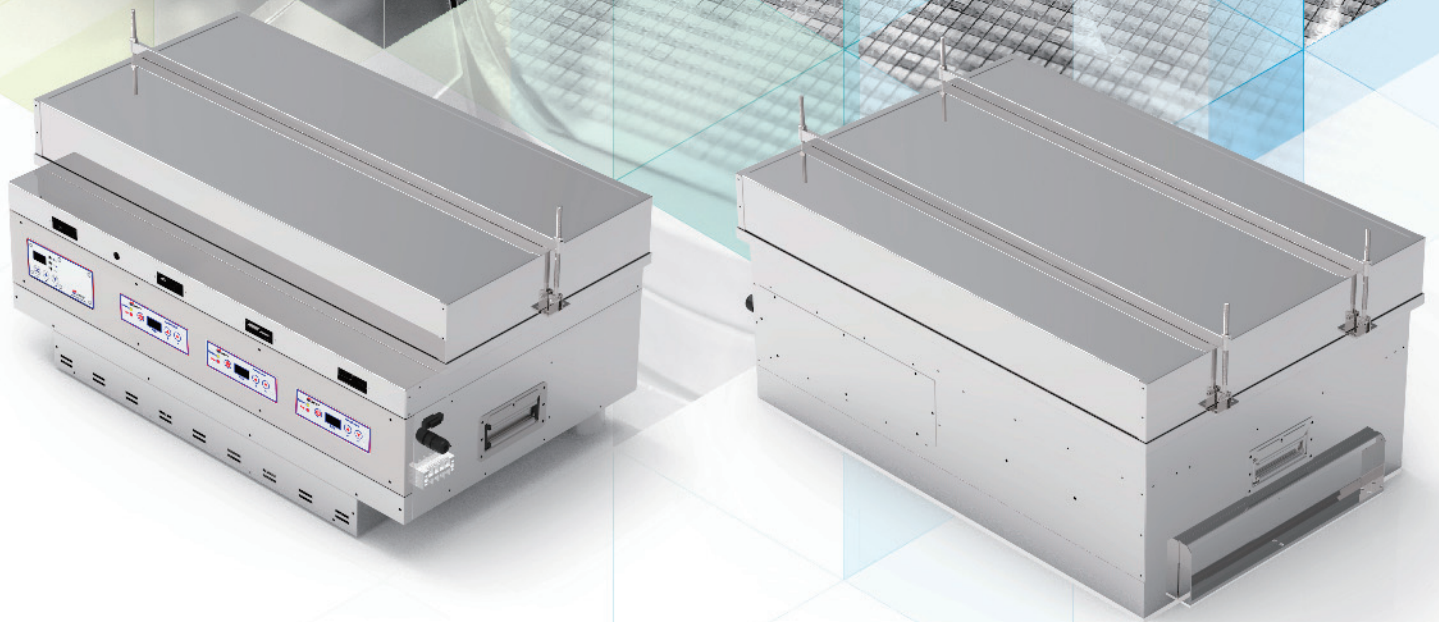
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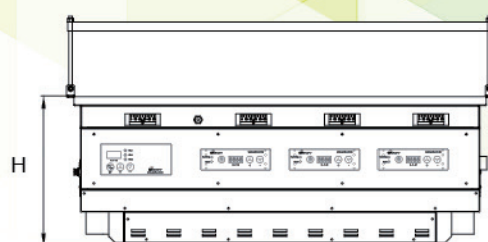
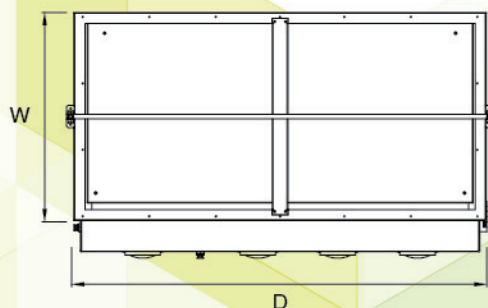
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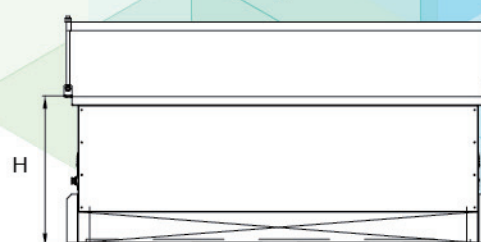
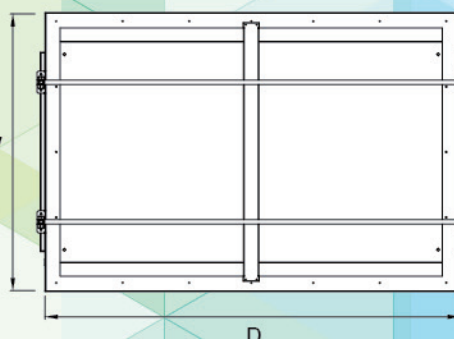


AIR CLEAN DEVISER TAIWAN

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▲ A TYPE



▲ B TYPE

MATERIAL SUS430

POWER AC 1Ø 220V 60Hz

MOTOR EC Brushless Frequency Converter Motor

HEPA

Aluminum frame, Filtration efficiency 99.99% at 0.3um
(Optional: ULPA 99.999% at 0.1~0.12um)

Item	A Type	B Type
Size (mm)	W930*D540*H340	W930*D630*H340
HEPA Size (mm)	700*360*65	900*600*65
Air Velocity (m/s)	0.35~1.1	0.35~0.70
Air Volume (cmm)	5.2~16.6	11.3~22.6
Power Consumption (W)	100~320	80~270
Weight (kg)	54	63



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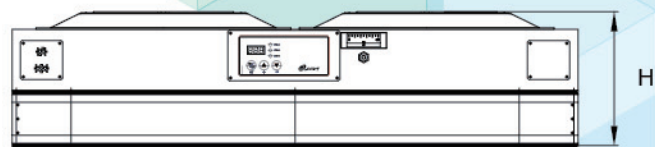
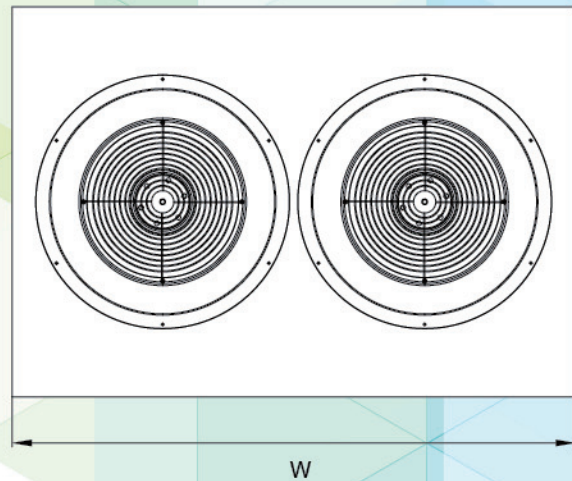
MATERIAL SUS430

POWER AC 1Ø 220V 60Hz

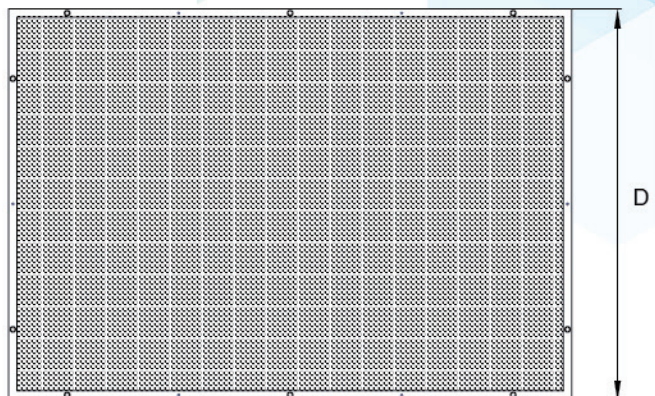
MOTOR EC Brushless Frequency Converter Motor

HEPA

Aluminum frame, Filtration efficiency 99.99% at 0.3um
(Optional: ULPA 99.999% at 0.1~0.12um)



Size (mm)	W1010*D700*H240
Air Velocity (m/s)	0.35~0.7
Air Volume (cmm)	14.8~ 29.6
Power Consumption (W)	90~270
Weight (kg)	36



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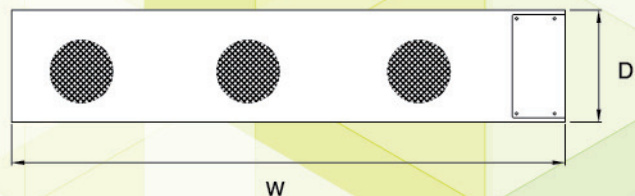


3 PORT

4 PORT

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▲ 3 PORT



◀ 4 PORT

MATERIAL SUS

POWER AC 1Ø 220V 60Hz

MOTOR EC Brushless Frequency Converter Motor

HEPA

Aluminum frame, Filtration efficiency 99.99% at 0.3um
(Optional: ULPA 99.999% at 0.1~0.12um)

Item	3 PORT	4 PORT
Size (mm)	W1310*D290*H171	W1710*D290*H171
HEPA Size (mm)	1310*290*50	1710*290*50
Air Velocity (m/s)	0.35~0.65	0.35~0.65
Air Volume (cmm)	7.9~ 14.8	10.4~19.3
Power Consumption (W)	80~170	105~170
Weight (kg)	31	35



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