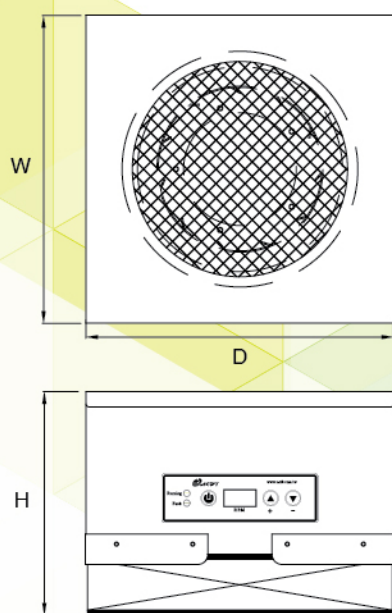


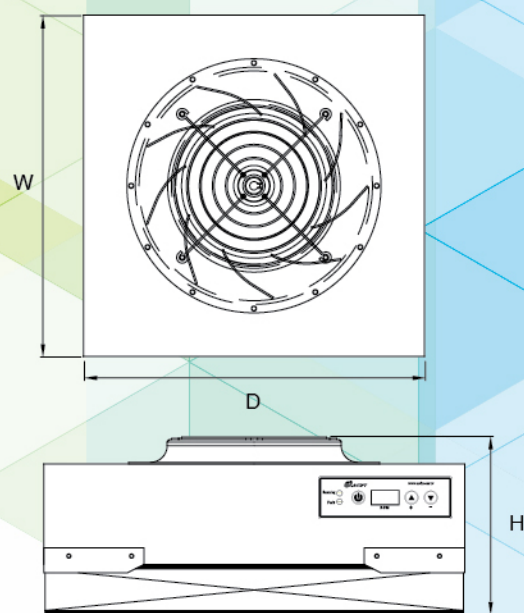
CleanRoom SOLUTION

FAN FILTER UNIT (FFU)





▲ 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

FFU Standard Type

MATERIAL SUS430 & AL-Zn

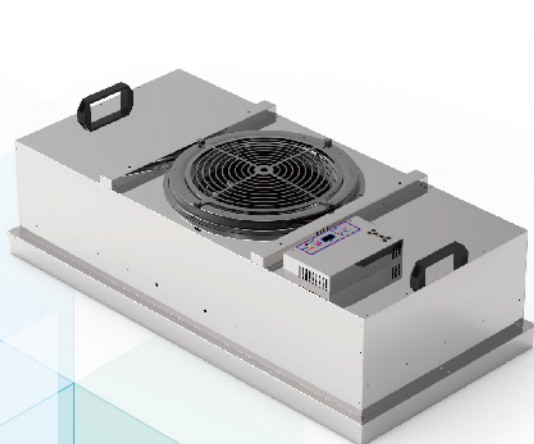
POWER AC 1Ø 220V 50/60Hz

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)

CERTIFICATION CE, RoHS, EN1822

OPTIONAL CERTIFICATION UL, SEMI



Item	SD420S	SD220S	SD430S	SD525	SD440S
Size (mm)	W1175*D573*H350	W575*D575*H350	W1173*D873*H350	W1473*D723*H350	W1175*D1175*H350
HEPA Size (mm)	1170*570*50	570*570*50	1170*870*50	1470*720*50	1170*1170*50
External Static Pressure (Pa)	160	160	160	160	160
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)	15~20	7~10	23~30	23~30	30~40
Noise Level (dB)	52~59	50~57	50~58	50~58	55~60
Current (A)	0.43~0.55	0.30~0.34	0.64~0.84	0.66~0.89	0.87~1.05
Power Consumption (W)	89~115	65~75	140~170	140~170	180~235
Weight (kg)	26	18	31.5	34	43.5

FFU Super Thin Type

MATERIAL SUS430 & AL-Zn

POWER AC 1Ø 220V 50/60Hz

MOTOR EC Brushless Frequency Converter Motor

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

CERTIFICATION CE, RoHS, EN1822

OPTIONAL CERTIFICATION UL, SEMI



Item	MS-SD220S	MS-SD320S	MS-SD420S	MS-SD430S	MS-SD440S
Size (mm)	W573*D573*H180	W918*D573*H180	W1173*D573*H180	W1173*D873*H180	W1173*D1173*H180
HEPA Size (mm)	570*570*50	915*570*50	1170*570*50	1170*870*50	1170*1170*50
External Static Pressure (Pa)	160	160	160	160	160
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)	60~70	80~100	95~140	160~190	190~280
Weight (kg)	14	16	18	31	35.5



**Commercial Air Conditioner Division
SHINKO AIRCON**



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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this

