

Safety Cabinet

Class IIA



Model SCV-1303ECIIAJ

Japan Air Cleaning Association (Social Foundation) establishes the standard (JACA std. No. 16C) regarding Class II safety cabinet, and executes certification test. This safety cabinet has acquired the authorization.

Specifications

Product Code Model		100000 SCV-1303ECIIAJ	
Dust Collecting Element		HEPA Filter	
Dust Collecting Efficiency		99.99 % or more with particle of 0.3 μ m, passed Scan Test	
Gas Quantity	Exhaust	7.0/8.7m ³ /min. or more	
Wind Velocity	Inside Work Bench (50/60Hz)	Average m/s	Back Row 0.295/0.375 Middle Row 0.315/0.415 Front Row 0.465/0.605
	Inflow Opening	Average m/s	0.45/0.56
Bacteria Test	Method	Make sampling by spraying the bacillus subtilis spore with nebulizer (on the basis of NSF Standard).	
	Personal Protection Test	No. of colonies from the AGI sampler synthesis floating liquid: 10 or less No. of colonies from the slit sampler: 5 or less	
	Product Protection Test	No. of colonies on the petri dish placed all over the work bench: 5 or less	
	Cross Contamination Test	No. of colonies on the petri dish placed 355 mm or more apart from the side surface: 2 or less	
Airtightness of Main Body		When the freon gas is applied into the main body, the leakage from parts of the body under pressure of 50 mmAq is 5 \times 10 ⁻⁷ ml/s or less	
Intensity of Ultra Violet Rays		Whole Work Bench: 40 μ W/cm ³ or more	
Power Source		100VAC Single Phase 50Hz/60Hz (15A \times 2)	
Material of Work Bench		Relative to Surface finish No.4 of JIS Corners shall be rounded.	
Dimension of Main Body		W1,500 \times D800 \times H2,030 (separable) mm	
Weight of Main Body		Approx. 320kg	