Clean Bench
Basic type

CE | Diffusing Muffler | UV Light | 2 year Warranty

Vertical laminar flow clean benches offer quick operation by simple adjustable analog control

Structural Functional Features

- High-performance HEPA filter provides a clean environment. (99.99% removal of 0.3 μm particles) (ISO Class 5, US Federal Class 100)
- Polyester fiber pre-filter extends the life of the HEPA filter.
- Formation of reliable and uniform laminar flow through application of specialized diffusing muffler system.
- Easy to replace the filter on the front panel.
- Easy to move and fix the device.

Use Convenience Features

- Determines when to replace the filter with the built-in differential pressure gauge.
- Easy operation and wind speed control.
- Built-in gas and air connection valves and power outlet.
- Easy and smooth sash door operation.
- Provides a quiet environment with minimal noise.
- Height-adjustable caster for easy vertical installation.

Outstanding Safety

- When the sash door is opened in when UV is ON, UV is automatically turned off for user protection.
- Toughened glass sash door blocks UV light.
- Protects against UV exposure through three modes of illumination. (UV/Fluorescent/Off)

BC-11B
with optional stand, HEPA filter

Controller

Differential pressure gauge

Specification

Model		BC-01B		BC-11B		BC-21B	
Air	Air flow type	Vertical Laminar Flow		Vertical Laminar Flow		Vertical Laminar Flow	
	Airflow velocity (m/sec/fpm)	0.3 / 59		0.45 / 89		0.3 / 59	
	Main filter	HEPA (99.99% at 0.3 μm)		HEPA (99.99% at 0.3 μm)		HEPA (99.99% at 0.3 μm)	
	Pre-filter	Polyester Fibers		Polyester Fibers		Polyester Fibers	
Illumination	U.V. lamp (254 nm, W)	25 x 1ea		30 x 1ea		25 x 2ea	
	Fluorescent lamp (W)	30 x 2ea		30 x 2ea		32 x 2ea	
	Fluorescent lamp intensity (Lux)	more than 650		more than 650		more than 650	
Dimensions	Exterior with stand (W x D x H, mm / inch)	1135 x 620 x 1860 / 44.7 x 24.4 x 73.2		1435 x 620 x 1860 / 56.5 x 24.4 x 73.2		2035 x 620 x 1860 / 80.1 x 24.4 x 73.2	
	Exterior without stand (W x D x H, mm / inch)	1135 x 620 x 1150 / 44.7 x 24.4 x 45.3		1435 x 620 x 1150 / 56.5 x 24.4 x 45.3		2035 x 620 x 1150 / 80.1 x 24.4 x 45.3	
	Interior (W x D x H, mm / inch)	945 x 585 x 670 / 37.2 x 23.0 x 26.4		1245 x 585 x 670 / 49.0 x 23.0 x 26.4		1845 x 585 x 670 / 72.6 x 230 x 26.4	
	Net weight (kg / lbs)	140 / 308.6		185 /407.9		225 / 496	
	Net weight (body + stand) (kg / lbs)	170 / 374.8		215 / 474		255 / 562.2	
Noise Level (dB)		Less than 65		Less than 65		Less than 65	
Electrical requirements (230V, 1ph, A)		60Hz / 1.25	50Hz / 1.38	60Hz / 1.57	50Hz / 1.73	60Hz / 2.09	50Hz / 2.30
Cat. No.		**AAHA6011K**	**AAHA6012K**	**AAHA6021K**	**AAHA6022K**	**AAHA6031K**	**AAHA6032K**
Electrical requirements (120V, 1ph, A)		60Hz / 2.62		60Hz / 3.27		60Hz / 4.36	
Cat. No.		**AAHA6013U**		**AAHA6023U**		**AAHA6033U**	

Accessories Page 185   HEPA Filter, Pre-filter, Stand, Gas Cock, Differential Pressure Gauge

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