

Industrial Clean Bench

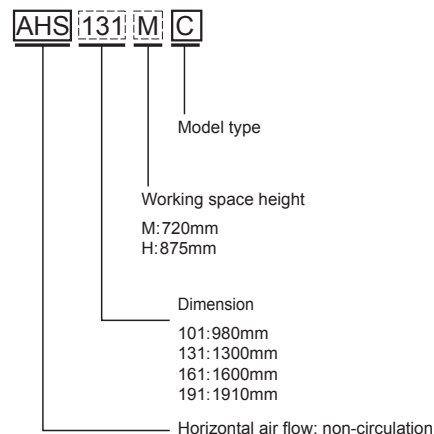
Horizontal Airflow

AHS Series



- Horizontal airflow: air enters the system from behind the filter and is forced in a back-to-front direction across the work surface
- No front sash ensuring a spacious work space
- Wind velocity can be adjusted with optional wind velocity controller

Model Guide



Specifications

Model	AHS101□C		AHS131□C		AHS161□C		AHS191□C	
	M	H	M	H	M	H	M	H
Air flow direction	Horizontal							
Cleanliness	Class 100							
Blow-off air speed (m/sec)	~0.40 at early stage, ~0.20 final							
Illuminance (lx)	1000 (in the center of working face)							
Load bearing of working face	50kg (static load)							
Air volume (m³/min)	~16	~20	~22	~27	~27	~33	~32	~39
Exterior material	Cold roll steel sheet (chemical-resistant coating), white							
Interior material	Stainless steel (SUS304)							
Working surface	Stainless steel (SUS304), wire drawing processing							
HEPA Filter (mm)	915×760 ×65/1pc	915×915 ×65/1pc	610×760 ×65/2pcs	610×915 ×65/2pcs	760×760 ×65/2pcs	760×915 ×65/2pcs	915×760 ×65/2pcs	915×915 ×65/2pcs
	0.3μm DOP scan test 99.99 % or more							
Front filter (mm)	400×400×15 / 1pc, 400×400×15 / 2pcs.							
Socket	AC220V or AC115V 5A 2 outlets with grounding wire 2 (total capacity is 5A)							
Flourescent lamp	32W x 4pcs.				40W x 4pcs.			
Blower (single phase)	150W×1		120W×2				150W×2	
Working surface level adjustment	Using adjusting foot (-18~+40mm)							
Display of pressure difference	Differential pressure gauge							
Power source	Single phase AC220V/15A 1 circuit (can be changed to AC115V/15A 1 circuit)							
Working space height (mm)	720	875	720	875	720	875	720	875
External dimension (mm)	W980 x D770		W1,300 x D770		W1,600 x D770		W1,910 x D770	
Main unit height (mm)	1570	1725	1570	1725	1570	1725	1570	1725
Weight (kg)	~180	~190	~220	~230	~250	~260	~290	~310
Accessories	Fixing fittings of adjusting foot x 4							
Optional item	Air velocity controller: displays blow-off air speed and with variable air speed device							

*Ambient temperature and humidity conditions: temperature 5°C ~35°C, humidity less than 85% RH.

Model		AHS101		AHS131		AHS161		AHS191	
		M	H	M	H	M	H	M	H
Height (mm)	H1: Working space	720	875	720	875	720	875	720	875
	H2: Main unit height	1570	1725	1570	1725	1570	1725	1570	1725
Width (mm)	W1: Main unit width	980		1300		1600		1910	
	W2: Effective opening	920		1240		1540		1850	
	W3: Effective interior	940		1260		1560		1870	

Dimensions (mm)

