

Attention: Before operating BSV type clean vehicle, user must read this operating manual carefully, please! Keeping the manual for reference.

BSV Type Clean Vehicle

Executing standard:Q/320500 BSK 018-2005

OPERATING MANUAL

ISO9001: 2000 CERTIFIED

**SUZHOU CLEANING TECH. RESEARCH INSTITUTE
BAISHEN TECHNOLOGY (SUZHOU) CO., LTD.**

Welcome to use BSV Type Clean Vehicle, thank you warmly entering into our company's consumer team!

1. General

Clean vehicle is a kind of mobile and vertical flow air-cleaning device, which equips an operating range with no dust and bacteria. This device is used in the transportation of materials between two rooms for technical research units and factories, which partly need non-bacteria and cleaning operating circles such as hospitals, medicine-factories and medical laboratories.

2. Technical specification

mode	BSV-4	BSV-5	BSV-6
Cleanliness	$\geq 0.5\mu\text{m} \leq 3.5/\text{L}$ (100 Class)		
Colony Fungus Unit	$\leq 0.5\text{piece/h}$ ($\phi 90\text{mm}$)		
Noise	$\leq 62\text{dB}$		
Clean Area Dimension(mm)	1320×815×2100	1620×815×2100	1930×815×2100
Outline Dimension(mm)	1320×815×2125	1620×815×2125	1930×815×2125
Power	AC 220V 50Hz		

3. Operating principle

Clean vehicle is a kind of mobile and vertical air partly cleaning devices. After being firstly filtered by the roughing air filter, the outer air is sucked into the static pressure case through variable velocity centrifugal machine. It is secondly filtered by the high efficiency particulate air filter (HEPA). The cleaning flow through the outlet of the HEPA with a mean and certain crosscut velocity through the operating range takes the dust particles and biological particles away to make an operating range with no bacteria.

4. Construction

The half part above of the clean vehicle is the flow outlet and the half part below is the table flat and supporting brackets. The clean vehicle is all made of stainless steel. In the outlet, there are new non-woven scrim roughing air filters, HEPA filters and a small low-noise variable-velocity centrifugal flow motor. It features beautiful appearance, compact construction, convenient maintenance, easy operation and etc.

5. Operation

5.1 If the working cabin has not been used for a long time, before operating its circle must be cleaned with super vacuum cleaners or other tools, which cannot make fiber. Then, bactericidal agent or ultraviolet rays should be used to kill the bacteria.

5.2 The flow motor should be on 10 minutes before operation.

5.3 After all of material transported on the clean vehicle, shut the door at once to prevent material from polluting.

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BAISHEN TECHNOLOGY (SUZHOU) CO., LTD.**

Add: 31 Qihong Road, Tongyuan Road ,SIP Suzhou

Zip: 215006

Phone: +86-512-62522538

Fax: +86-512-62522938

[http: //www.baishen.com](http://www.baishen.com)

E-mail: clean@baishen.com

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