

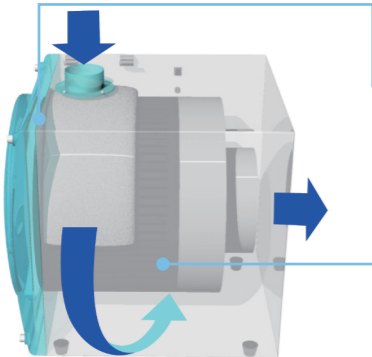


High-performance dust collector



A high performance dust collector that can be used for general environments. The filter can easily be replaced by opening the skeleton panel at the front. The primary filter is a bag type, so can easily be replaced without getting your hands dirty. In addition, the secondary filter incorporates a cylindrical filter for improved air flow efficiency. This ensures that the dust collector is very powerful despite its compact size.

Product structure and features



SK series
For general environments

Primary filter

Filter bag is made of five layers of nonwoven polypropylene fabric. The five layers have different air permeation rates to minimize clogging and provide a filtration rate of 95% or higher for particulates of 45μ and larger. The five layer filter also offers high overall strength;thus, it does not tear easily unlike a paper pack. The clear window provided on the filter shows the amount of collected dust even during operation.

Secondary filter

Polyester molding filter installed. The outside frame of the filter is made of ABS resin and is designed to ensure easy maintenance. Filtration efficiency is over 99% for 10μ particulates.

Primary filter

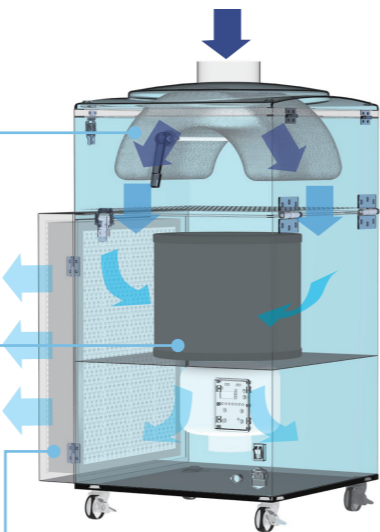
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Secondary filter

Polyester molding filter installed. The outer frame of the filter is made of ABS resin and is designed to ensure easy maintenance. Filtration efficiency is over 99% for 10μ particulates.

Exhaust filter

The HEPA filter provided as standard equipment offers a filtration is over 99.97% for particulates of 0.3μ. Complies with clean class 1,000-100.



SKV-900AT-PM-HC-V1
For clean room
(Complies with clean class 1,000 to 100)

Filter type

Model	Primary filter	Secondary filter	Exhaust filter
SK-250AT	FB-700-16	CS-300-150	—
SK-450AT-HI	FB-700-22	CS-300-200	—
SK-750AT-PM	FB-900-25	CS-300-250	—
SKV-900AT-PM-HC-V1	FB-900-33-125	CS-300-250	HEP-5040-80

List of specifications

Model	Output	Voltage	Frequency	Rated current	Maximum air flow	Maximum static pressure	Noise level ^{*1}	Suction port (hose) size	
SK-250AT	250W	100V single phase	50/60	6.5A	5.5 m ³ /min	1.85kPa	50-67dB	φ 75	
SK-450AT-HI	500W	100V single phase	50/60	10.0A	9.5 m ³ /min	2.5kPa	57-68dB	φ 100	
SK-750AT-PM	500W	200V single phase	50/60	7.0A	13.0 m ³ /min	3.4kPa	60-64dB	φ 125	
SKV-900AT-PM-HC-V1	1000W	200V single phase	50/60	9.8A	15.0 m ³ /min	3.2kPa	60-71dB	φ 125	
Model	To be used with 200-240V	CE compliant	Panel	Power cable	Remote control feature	Suitable for use in clean rooms	Primary filter capacity	Mass	Main body dimensions (D×W×H)
SK-250AT	○	○	AT	3m	○	—	3.0L	22.3kg	376×396×424mm
SK-450AT-HI	○	○	AT	3m	○	—	5.0L	35.2kg	493×476×514mm
SK-750AT-PM	Standard	○	AT	3m	○	—	8.0L	46.5kg	581×526×579mm
SKV-900AT-PM-HC-V1	Standard	○	AT	3m	○	○	20.0L	56.0kg	547×519×925mm

^{*1} Measurements obtained in Scale A (dBA) from a randomly selected position at a distance of 1m using a unit with a hose connected to its suction port.

Note:Contents may change without notice.

SK-250AT/SK-450AT-HI/SK-750AT-PM/SKV-900AT-PM-HC-V1



SK-250AT

SK-450AT-HI

SK-750AT-PM

SKV-900AT-PM-HC-V1

Features

SK series

The front opening is made of transparent polycarbonate resin, so you can check the status of the filters during operation.

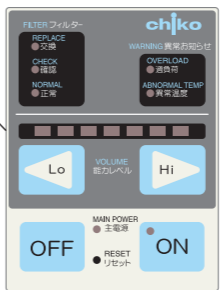
SKV-900AT-PM-HC-V1

The primary and secondary filter chambers are totally separate from each other, and can be easily inspected. A "dust removal handle" is installed in the primary filter chamber to rectify clogging. By moving the handlebar left and right, you can remove dust adhering to the primary filter and rectify clogging.

Control panel

AT Panel

See pages 9 for more details.



Remote control feature included (for remote operation)

■Remote cable (sold separately/model: Using MT-173-8 (3 m)) enables remote operation of peripheral equipment.

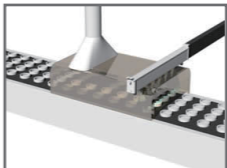


Motor cable receiving port on main body

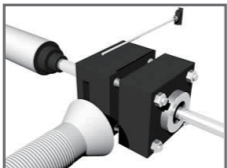
- 1.Operation input signal
- 2.Operation pressure signal (DC1-5V)
- 3.Filter clogging signal
- 4.Remote-control operation switching input signal
- 5.Operating signal
- 6.Abnormality signal
- 7.DC12V (MAX 100mA)
- 8.Gnd

- Operation ON/OFF
- Change capacity level (air volume)

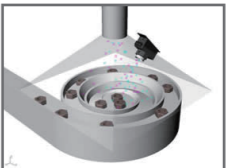
List of applications



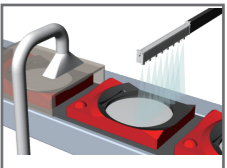
Static elimination; removal of dust adhering to cosmetic bottle lid or compact surface with air blower



Removal of dust from forming mold with air blower

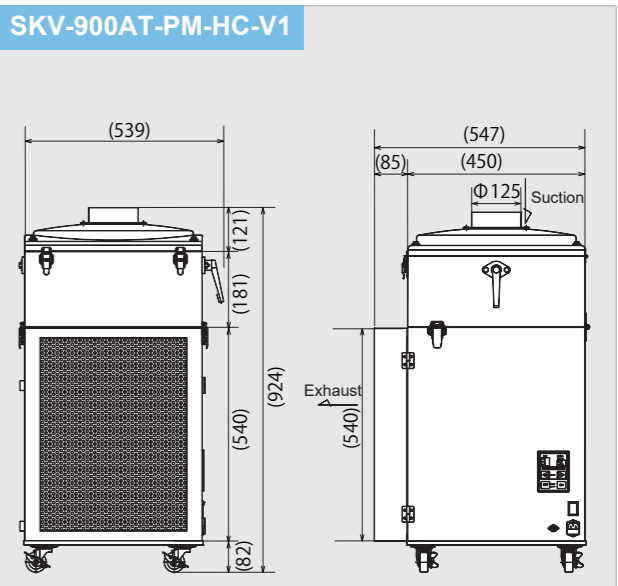
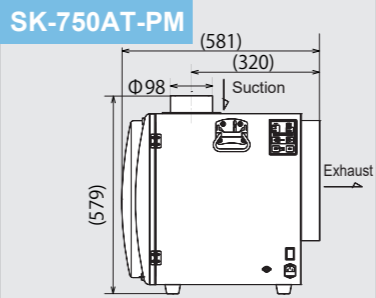
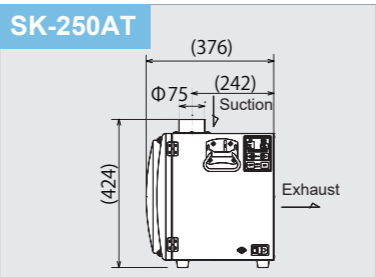
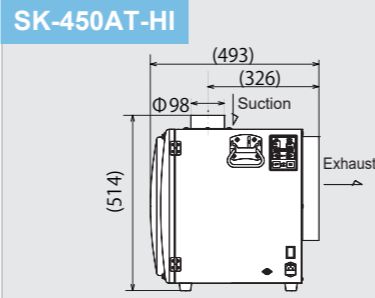
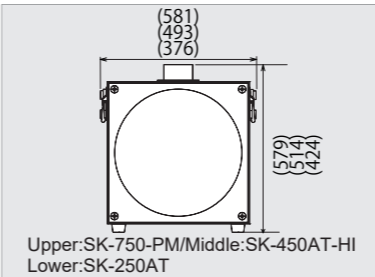


Static elimination; removal of dust and from parts feeder



Static elimination; removal of dust and dirt on pachinko machine surface

Dimensions



Note:Contents may change without notice.