

65 YEARS OF BRINGING YOU HIGH-END INDUSTRIAL SOLUTIONS

- Spot Coolers
- Vacuum Cleaners
- Sweepers
- Dust Collectors
- Hot Air Dryers
- Industrial Fans
- Portable Exhaust Fans



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14. Ventilation Fans



## A Word from the President

"Our purpose as a company is to provide you with products that improve your working environment and make your work easier"

**Yuji Kawai**  
President and Chief Executive Officer  
Suiden Co., Ltd



## Company History

- 1947 Yuzo Kawai founded the company in Osaka, Japan, and shortly thereafter introduced the first range of fans for industrial use on the Japanese market.
- 1957 Due to increased demand the first factory was built in Ikuno in Osaka.
- 1961 The company was reorganized as a limited company with 800,000 yen in capital under the name Suidensha Co., Ltd.
- 1964 The Nara factory was built in Sango, Nara prefecture, Japan.
- 1972 The company name was changed to Suiden Co., Ltd.
- 1982 The company headquarter building was built in central Osaka.
- 1988 Taiwan Suiden Co., Ltd. was established.
- 1991 The capital of Suiden was increased to 367,600,000 yen.
- 1992 Suiden launched their first Spot Coolers.
- 2002 Yuji Kawai takes over the post of president and CEO.
- 2004 Dongguan Suiden Co., Ltd. is established in mainland China.
- 2011 Suiden commences a sales expansion plan throughout South East Asia
- 2012 Suiden celebrates its 65 year anniversary

## Tottori Factory

This is our main manufacturing facility in Japan. Here most vacuum cleaners, hot air dryers and industrial fans are manufactured.



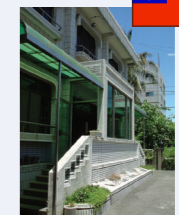
## Nara Factory

This facility is in charge of product development, quality inspection and repairs. Here is also where most dust collectors are manufactured.



## Taiwan Suiden Co., Ltd.

This manufacturing facility produces various kinds of industrial fans, as well as motors and other parts that are later distributed to our other factories in Japan and Mainland China.



## Dongguan Suiden Co., Ltd.

Our Dongguan factory is growing rapidly with several new product lines being added every year. Here is where Suiden's products made for the Chinese market and for exports are being manufactured.



# Suiden's International Manufacturing Network

# Suiden

Website: [www.suiden.com](http://www.suiden.com)  
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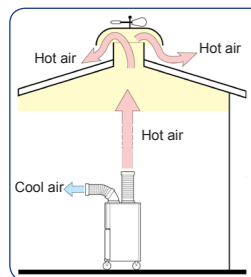
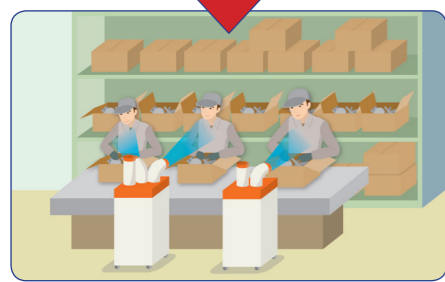
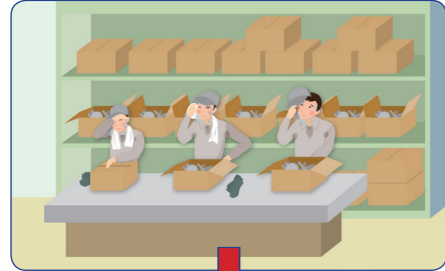
# Portable Spot Coolers

Powerful cooling effect

No installation required

Low running cost

Relieve the heat and improve efficiency



■ As soon as you plug in your spot cooler, it is ready for use. No additional installation is required.

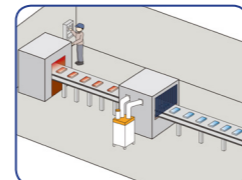
■ Hot exhaust air is forcefully blown upwards to the ceiling, and doesn't effect the area being cooled.



Can also be used to:



Cool down overheating machinery



Cool down products or parts after heating processes



Provide heat relief for people waiting in lines



Cool down your steaming kitchen

SS-22ED-8A - For One Person

SS-22DD-8A - For One Person | Automatic Swing

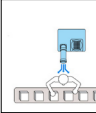
- Light and portable air cooler with one cool air duct for one person, workstation or machine.
- Very space efficient. Can be placed directly against walls or other objects on three sides.
- The automatic swing function of SS-22DD-8A provides a very wide and smooth cooling effect.

Model number	SS-22DD-8A	SS-22ED-8A
Automatic swing	Yes	No
Power supply	220V	
Cooling capacity	2.2 kW / 7,500 BTU	
Power consumption	800 W	
Refrigerant	R22	
Power cord length	2 m	
Net weight	37 kg	
Drain tank capacity	5 L (Mini drain)	
Electric cord and plug	Cord: 2 m / Electric plug not included	
Dimensions (mm)	W 390 x D 430 x H 808 (Not including air ducts)	
Operation safety range	25°C (50%) - 45°C (40%)	

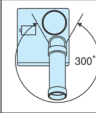
7,500 BTU



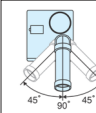
For one person



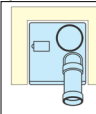
300° Swing range



90° Automatic swing



Against walls on 3 sides



Flexible ducts



SS-40EC-8A - For Two People

SS-40DC-8A - For Two People | Automatic Swing

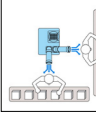
- Portable cooler with two cool air duct outlets for two people or two workstations.
- Very space efficient. Can be placed directly against walls or other objects on three sides.
- With the automatic swing function of SS-40DC-8A both ducts smoothly swing in a 90° angle, providing a pleasant cooling effect for your working area.

Model number	SS-40DC-8A	SS-40EC-8A
Automatic swing	Yes	No
Power supply	220V	
Cooling capacity	4.0 kW / 13,500 BTU	
Power consumption	1.65 kW	
Refrigerant	R22	
Net weight	71kg	
Drain tank capacity	8 L (Mini drain)	
Electric cord and plug	Cord: 2 m / Electric plug not included	
Dimensions (mm)	W 470 x D 520 x H 1120 (Not including air ducts)	
Operation safety range	25°C (50%) - 45°C (40%)	

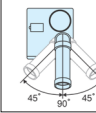
13,500 BTU



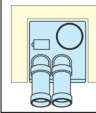
For two people



90° Automatic swing



Against walls on 3 sides



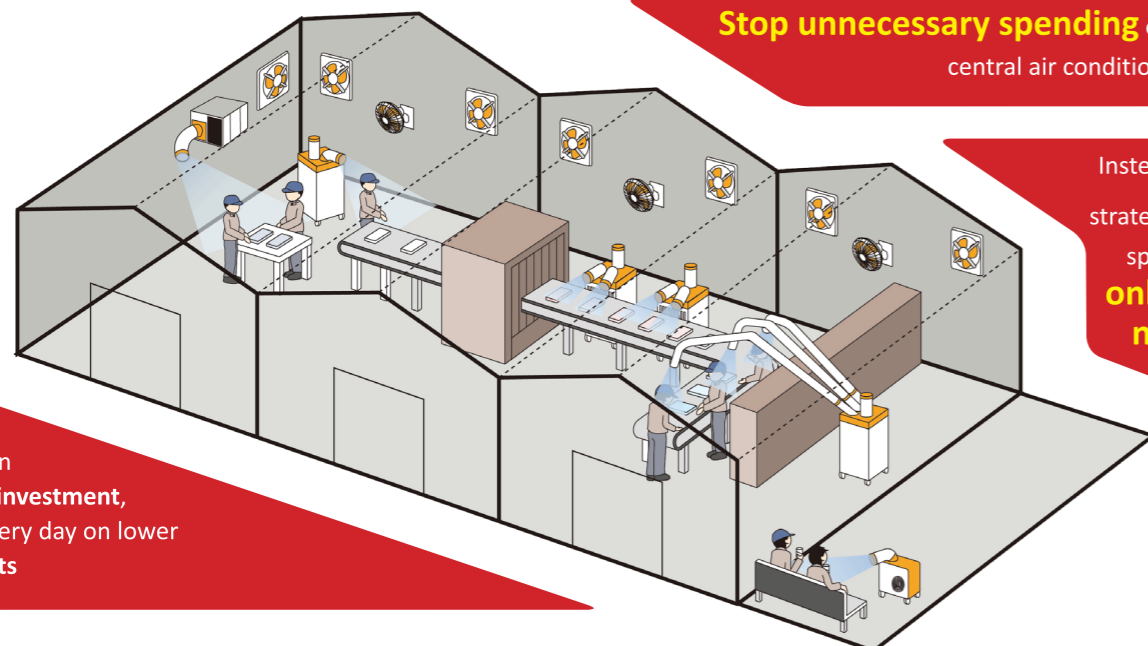
Flexible ducts



Stop unnecessary spending on expensive central air conditioning systems

Instead... strategically place spot coolers only where needed!

Save money on both initial investment, and then every day on lower running costs



SS-56EC-8A - For Three People

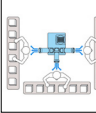
- 19,000 BTU of portable cooling power. The three cool air outlet ducts make it perfect for cooling three people or three workstations.
- Direct all the duct outlets in the same direction for amplified cooling effect.
- Space efficient design. Can be placed directly against walls on two sides.

Model number	SS-56EC-8A
Automatic swing	No
Power supply	220V
Cooling capacity	5.6 kW / 19,000 BTU
Power consumption	2.43 kW
Refrigerant	R22
Net weight	92kg
Drain tank capacity	20 L
Electric cord and plug	Cord: 2 m / Electric plug not included
Dimensions (mm)	W 490 x D 620 x H 1120 (Not including air ducts)
Operation safety range	25°C (50%) - 45°C (40%)

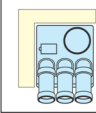
19,000 BTU



For three people



Against walls on 2 sides



Flexible ducts



**SS-25CC-1** - 100V  
**SS-25CG-3** - 3ph 200V

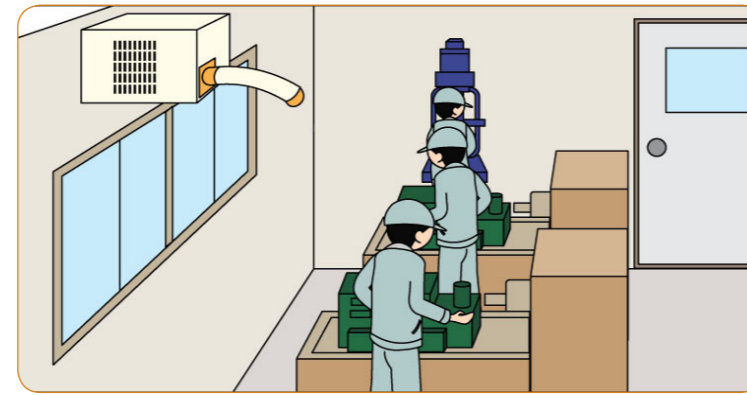
Ceiling Type Spot Cooler | Perfect for Cramped Work Areas

- Perfect for cramped work areas that do not have any free space on the floor.
- Can be installed in the ceiling, on the wall, on a pillar or on a stand.
- The cool air duct can be connected in three possible places which gives great flexibility.
- Is controlled from the ground via wired remote that is delivered with 4m cord.

7,500 BTU



Model number	SS-25CC-1	SS-25CG-3
Power supply	100V	3ph 200V
Cooling capacity	2.2 kW / 7500 BTU	
Power consumption	710W	680W
Compressor safety devices	<ul style="list-style-type: none"> <li>■ Overheat relay</li> <li>■ 2 x Reverse-phase protection relay</li> <li>■ Fan protecting thermostat</li> </ul>	<ul style="list-style-type: none"> <li>■ Overheat relay</li> <li>■ Fan protecting thermostat</li> </ul>
Refrigerant	R407C	
Net weight	35 kg	
Electric cord	4 m	Not included
Dimensions (mm)	W 440 x D 525 x H 400 (Not including air duct)	
Operation safety range	25°C (50%) - 45°C (40%)	



## Spot Cooler Accessories



1 Standard Cool Air duct	2 Standard Exhaust Air duct	3 Cool Air Extension Duct	4 Exhaust Air Extension Duct	5 Duct Clamp
6 Standard Dust filter	7 Heavy Duty filter	8 Oil Mist filter	9 Duct Elbow	10 Suspension Hooks

SF-45MV-8V



**SF-45VS-8V** - Stand Fan | ø 45cm | 3 Speeds  
**SF-45MV-8V** - Wall Fan | ø 45cm | Stepless Speed Adj.

- High quality fans for industrial use.
- High durability is ensured by the dust proof air tight motor and superior quality parts.
- Automatic swivel function is available in both models.
- The height of the stand fan can be adjusted 11cm, so you can freely adjust it to suit your needs.
- Set the air velocity in accordance to your needs with the 3-step speed adjustment of the stand fan or the stepless speed adjustment of the wall fan.

Model number	SF-45VS-8V	SF-45MV-8V
Characteristics	Stand fan, adjustable height	Wall mounted type
Power supply	220V	
Fan blade	Diameter: 450 mm Quantity: 4 Fan blades	
Motor	Air-tight type	
Power consumption	120 W	
Maximum air volume	165 m³/min	215 m³/min
Maximum air speed	345 m/min	405 m/min
Swivel function	Yes	
Speeds	3 speeds	Stepless speed adjustment
Weight	11 kg	9.3 kg



SF-45VS-8V

Made in Vietnam

	Accessory	Applicable models	Measurements
1	Standard cool air duct	SS-22, SS-40, SS-56	ø114 x 400mm
		SS-22	ø175 x 400mm
2	Hot exhaust air duct	SS-40	ø200 x 360mm
		SS-56	ø250 x 360mm
		SS-22	ø175 x 4m
4	Hot exhaust air extension duct	SS-40	ø225 x 4m
		SS-56	ø250 x 4m
		SS-22	ø125 x 5m
5	Extension duct fastening clamp	SS-22, SS-40, SS-56	ø125, ø175, ø225, ø250
		SS-22	625 X 324
6	Standard dust filter	SS-40	800 X 454
		SS-56	454 X 870
		SS-22	625 X 319
7	Heavy duty dust filter	SS-40	770 X 480
		SS-56	454 X 870
		SS-22	625 x 319
8	Oil mist filter	SS-40	454 x 800
		SS-56	480 x 840
		SS-22	-
9	Cool air duct elbow	SS-22, SS-40, SS-56	-
10	Suspension hooks	SS-22	-

**SV-2001EG-8A** - Almighty Vacuum Cleaner | Wet - Dry - Oil - Metal Swarf | Removable tank

- This versatile high-power vacuum cleaner with its ability to clean any dry or wet waste, including oil, will meet any imaginable need you might have at your place of work.
- The detachable waste tank on wheels makes waste disposal very easy. Just pull the lever on the side and the waste tank will gently be lowered down to the ground. After that just roll it over to the garbage or liquid disposal site. The tank is reattached just as easily.
- The extreme suction power in combination with the 50 diameter hose lets you clean even large objects from the ground.

Extreme Suction Power



<b>Model number</b>	<b>SV-2001EG-8A</b>
<b>Power supply</b>	220V
<b>Max vacuum pressure</b>	18.0 kPa
<b>Suction air volume</b>	4.8 m³/min
<b>Power consumption</b>	1600W
<b>Tank capacity</b>	Dry: 40L / Wet: 35L
<b>Net weight</b>	51kg
<b>Hose</b>	Diameter: 50 mm / Length: 3m
<b>Power cord length</b>	20 m
<b>Dimensions (mm)</b>	H1010 x W550 x D800



1. Ø50 GLMM hose (3m)
2. Ø50 Straight extension pipes (2 pcs)
3. Ø50-30 T-shaped nozzle
4. Ø50 Crevice nozzle
5. Bag attachment (Not in pic.)

**SPSV-110-8A** - 10L Tank | Wet - Dry - Oil-mixed Metal Swarf | Water Washable Stainless Steel Tank  
**SPSV-110L-8A** - 22L Tank | Water Washable Stainless Steel Tank

- Powerful and versatile vacuum cleaners with very easy maintenance.
- The water-washable stainless steel tanks and filters make them very suitable for establishments with strict regulations regarding food and sanitation.
- The special metal swarf filter allows you clean large quantities of metal swarf, even swarf covered with oil, without damaging the normal filter.
- The anti-tipping base ensures safe use.

Model number	SPSV-110-8A	SPSV-110L-8A
<b>Power supply</b>	220V	
<b>Max vacuum pressure</b>	23.0 kPa	
<b>Suction air volume</b>	2.6 m³/min	
<b>Power consumption</b>	1100W	
<b>Tank capacity</b>	Dry: 10L / Wet: 8L	Dry: 22L / Wet: 20L
<b>Net weight</b>	14 kg	18 kg
<b>Hose</b>	Diameter: 32 mm / Length: 1.8m	
<b>Power cord length</b>	8 m	
<b>Dimensions (mm)</b>	H485 x W340 x D360	H800 x W340 x D360



1. Ø38 T-shaped floor nozzle
2. Ø38 Cut nozzle
3. Ø38 Crevice nozzle
4. Ø38 Aluminium straight extension pipe
5. Ø38 Aluminium handle piece
6. Ø38 Hose (1.8m)



**SGV-110** - Almighty Vacuum Cleaners | Wet - Dry - Oil - Sludge

- One vacuum cleaner for all your cleaning needs. It can clean both wet and dry, and with its powerful motor it can handle even oil substances and sludge.
- The top part is the same for all models, so you can freely change the tank to suit your needs.
- You can also replace the All-Mighty filter with one of the specialized filters shown below. The DP-filter is suitable for fine dust and powder, the DR-filter is suitable for paper dust, glass dust and FRP, and the DS-filter is suitable for cleaning material that generates static electricity.



1. Ø38 Hose (1.2m)
2. Ø38 Straight extension pipe
3. Ø38-25 T-shaped floor nozzle
4. Ø38-20 Nozzle for liquids
5. Ø38 Crevice nozzle



Model number	SGV-110A	SGV-110AL	SGV-110ALN	SGV-110A-PC
<b>Power supply</b>	100V	100V	100V	100V
<b>Max vacuum pressure</b>	30.0 kPa	30.0 kPa	30.0 kPa	30.0 kPa
<b>Suction air volume</b>	2.6 m³/min	2.6 m³/min	2.6 m³/min	2.6 m³/min
<b>Power consumption</b>	1100W	1100W	1100W	1100W
<b>Tank capacity</b>	Dust: 22L / Liquids: 16L	Dust: 44L / Liquids: 37L	Dust: 44L / Liquids: 37L	Dust: 12L / Liquids: 8L
<b>Drain hose</b>	No	No	Yes	No
<b>Net weight</b>	19.0 kg	21.5 kg	22.0 kg	13.0 kg
<b>Hose</b>	<b>Diameter</b> 38 mm	38 mm	38 mm	38 mm
	<b>Length</b> 2 m	2 m	2 m	2 m
<b>Power cord length</b>	8 m	8 m	8 m	8 m
<b>Dimensions (mm)</b>	H764 x W474 x D520	H963 x W474 x D600	H963 x W474 x D600	H730 x W334 x D354

The above models can also be equipped with the following filters:

- Dust & Powder: SGV-110DP, SGV-110DPL, SGV-110DP-PC
- Anti Static: SGV-110DS, SGV-110DSL, SGV-110DS-PC
- Glass & Paper Dust: SGV-110DR, SGV-110DRL

**SSV-Series** - Almighty Vacuum Cleaners | Suitable for 24h/day operation

- Very powerful and durable. Can be in operation 24 hours a day. Suitable to be used as a dust collectors.
- Easy waste disposal system. The wheel equipped tank can be detached from the main unit and easily rolled to place of disposal.

Model number	SSV-103A	SSV-203A	SSV-303A
<b>Power supply</b>	3ph 200V	3ph 200V	3ph 200V
<b>Max vacuum pressure</b>	15.0 kPa	19.6 kPa	22.4 kPa
<b>Suction air volume</b>	2.2 m³/min	3.5 m³/min	5.2 m³/min
<b>Power consumption</b>	1.1kW	2.2kW	3.7kW
<b>Rated current</b>	4.0A	7.4A	11.5A
<b>Tank capacity</b>	Dust: 30L Liquids: 16L	Dust: 36L Liquids: 37L	Dust: 36L Liquids: 37L
<b>Net weight</b>	19.0 kg	21.5 kg	22.0 kg
<b>Hose</b>	<b>Diameter</b> 38 mm	50 mm	50 mm
	<b>Length</b> 2 m	3 m	3 m
<b>Power cord length</b>	10 m	10 m	10 m
<b>Dimensions (mm)</b>	750x450x805	910x515x1015	910x515x1015

Suitable for 24/7 Operation

- Accessories:**
1. GLMM Hose
  2. Extension tube (2pcs)
  3. T-shaped floor nozzle
  4. Crevice nozzle
  5. Nozzle for liquids (only SSV-103A)



# Clean Room Vacuum Cleaner

**SCV-110DP** - Clean Room Vacuum Cleaner | Double Filter System: ULPA-Filter + Fine Dust/Powder Filter

### Where do you need a clean room vacuum cleaner?

Due to the increasing demand for particle free environments for research and manufacturing, the use of Clean rooms is increasing every year. Here are just a few examples :

- Hospital test labs
- Laboratories
- Research facilities
- Sensitive manufacturing and assembly spaces

Suiden Double Filtration Clean Room Vacuum Cleaner is an indispensable cleaning tool that ensures that your clean room stays particle free.

### DP and ULPA two filter system

This Clean Room vacuum cleaner applies fine dust and powder (DP) filter and the ULPA-filter, that filters dust particles down to 0.1 micron to 99.99% (Compare HEPA-filter: ≥ 0.3 μm to 99.97%). The DP-filter allows you to clean large amount of dust and powder, and the ULPA-filter on the exhaust side makes sure that no particles escape back into the air.

### Low speed exhaust air prevents particle dispersion

The low exhausted air speed prevents dust particles on surfaces to stir up into the air, which improves the end result remarkably.

### Antistatic hose

The hose is equipped with an antistatic string that leads the static electricity through the stainless steel body and down to the floor.

### Easy maintenance

The entire unit is made of stainless steel to prevent corrosion, and can therefore be cleaned with water.

**ULPA-Filter**  
Filters ≥ 0.1 μm dust particles to 99.99%



**DP-Filter**  
The Fine Dust/Powder filter handles ≥ 2 μm particles



<b>Model number</b>	<b>SCV-110DP</b>	
<b>Power supply</b>	100V (Other voltages available on demand)	
<b>Max vacuum pressure</b>	22.0 kPa	
<b>Suction air volume</b>	2.2 m³/min	
<b>Power consumption</b>	1150W	
<b>Rated current</b>	11.5 A	
<b>Tank capacity</b>	12 L	
<b>Net weight</b>	16.0 kg	
<b>Hose</b>	<b>Diameter</b>	38 mm
	<b>Length</b>	2 m
<b>Power cord length</b>	8 m	
<b>Dimensions (mm)</b>	H697 x W340 x D366	

### Accessories:



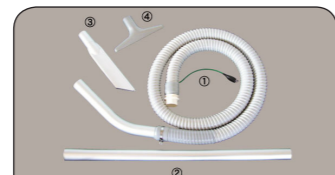
1. Ø38 Hose (2m), complete with anti-static grounding wire
2. Ø38 Aluminum extension tube
3. Ø38-25 Floor nozzle
4. Ø38 Crevice nozzle (large)

Virtually  
**NO**  
Running  
Cost



**SAC-100** - Pneumatic Vacuum Cleaner | Wet & Dry

- Is powered with compressed air and does hence not require any electrical power source. If you already have a compressed air system in your factory, just connect the unit to it with an air hose.
- Extremely durable since it does not contain any moving parts. Can be used many hours on end.
- Easy maintenance with a pail tank body.
- Use it with a compressor that provides over 0.5MPa and 500L/min air consumption volume.



1. Ø38 Hose (2m) with anti-static grounding wire
2. Ø38 Straight aluminium tube
3. Ø38 Aluminium crevice nozzle
4. Ø38-25 Saw/bore dust nozzle
5. Dry type filter (Not in pic.)

■ Plastic accessory set also available

<b>Model number</b>	<b>SAC-100</b>	
<b>Power supply</b>	Compressed air	
<b>Max vacuum pressure</b>	19.6 kPa	
<b>Suction air volume</b>	1.93 m³/min	
<b>Tank capacity</b>	Dust: 16L Liquids: 14.5L	
<b>Net weight</b>	10.5 kg	
<b>Hose</b>	<b>Diameter</b>	38 mm
	<b>Length</b>	2 m
<b>Dimensions (mm)</b>	H600 x W520 x D520	

**SAV-110R-8A** - Wet & Dry | Light and Compact

- Powerful but compact vacuum cleaner suitable for office use.
- Very flexible and versatile since it cleans both dry dust as well as liquids.
- Both the filter and dust tank can be washed with water, which allows for very easy maintenance.
- With the new light weight casing, the unit only weighs 7 kg.

<b>Model number</b>	<b>SAV-110R-8A</b>
<b>Suitable for cleaning:</b>	Dust & liquids
<b>Power supply</b>	220V
<b>Max vacuum pressure</b>	23.0 kPa
<b>Suction air volume</b>	2.7 m³/min
<b>Power consumption</b>	1100W
<b>Rated current</b>	6.0A
<b>Tank capacity</b>	10 L
<b>Net weight</b>	12 kg
<b>Hose</b>	Diameter: 38 mm / Length: 2m
<b>Power cord length</b>	8 m
<b>Dimensions (mm)</b>	H764 x W474 x D520



1. Ø32 Floor nozzle
2. Ø32 Crevice nozzle
3. Ø32 PVC Extension tube (2)
4. Ø32 Hose



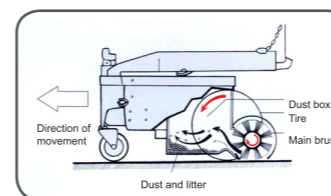
Perfect for  
the Office



**ST-651** - Walk-Behind Mechanical Sweeper

- 100% mechanical walk-behind sweeper. No external power source needed.
- You can sweep over 2 km² an hour at 3.5km/h walking speed.
- The traction wheels drive both the gather-up brush on the side arm and the main brush.
- With the semitransparent dust tank you can easily check what you have swept up and see when the tank is full.
- The sweeper can be stored vertically, making it very space-efficient.

<b>Model name</b>	<b>YUSO Walk-Behind Sweeper</b>
<b>Model number</b>	ST-651
<b>Power source</b>	Driven by being pushing forward
<b>Sweeping width</b>	650 mm
<b>Sweeping capacity (Area)</b>	2.275km²/h at 3.5km/h walking speed
<b>Dust box volume (Effective)</b>	25L (7L)
<b>Dimensions</b>	H995 × W800 × D1400
<b>Weight</b>	21kg



Low initial cost  
and  
running cost



**ST-1501DC** - Forklift-Attached Mechanical Sweeper

- 100% mechanical. Just mount it onto the forks of a forklift and start sweeping.
- Significantly lower initial cost and running cost than other ride-on sweepers on the market.
- Sweep 7500m² in just one hour. Perfect for parking lots and other large open spaces.

<b>Model name</b>	<b>YUSO Forklift Sweeper</b>
<b>Model number</b>	ST-1501DC
<b>Power source</b>	Driven by forward motion of the forklift
<b>Brush and dust collection fan</b>	
<b>Sweeping width</b>	1.500mm
<b>Sweeping capacity (Area)</b>	7.500m² at a driving speed of 5km/h
<b>Dust filter</b>	Dust collecting filter with filter shaker handle
<b>Dust box volume</b>	20L
<b>Dimensions</b>	H640 × W1500 × D1180
<b>Weight</b>	130kg
<b>Suitable forklift types</b>	Maximum outer fork width: 276mm (Forklifts in the 0,75-2 ton class)

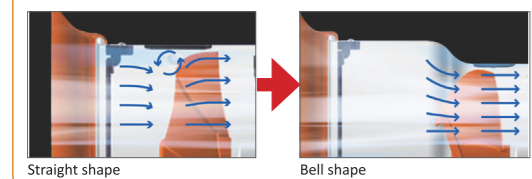
**SJF-604A** - Large Portable Exhaust Fan / Blower | Low Energy | Quiet Design | 65m airflow

- Powerful ventilation with air flow that reaches 65m.
- New quiet design. Only emits 70dB sound level.
- Very low energy consumption. 23% less than previous model.
- The air flow angle can be adjusted 180°.

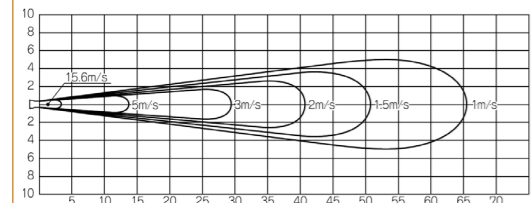
■ Bell-shaped body



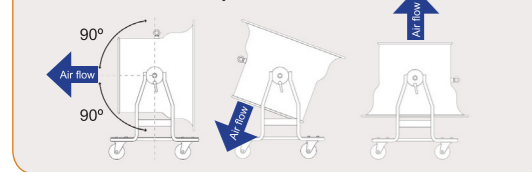
The new bell shaped construction allows for smoother air flow and reduces noise.



■ Airflow distance: 65 meters!



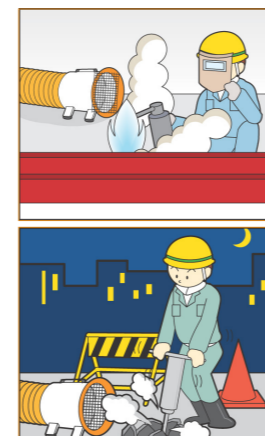
Air flow direction can be adjusted 180°



Made in Japan

<b>Model number</b>		<b>SJF-604A-3</b>
<b>Power supply</b>		3 Phase 200V (Other voltages available on demand)
<b>Fan blade</b>	<b>Diameter</b>	600 mm
	<b>Quantity</b>	9 Blades
<b>Motor</b>	<b>Nominal output</b>	1.5 kW
	<b>Poles</b>	4 Poles
<b>Power consumption</b>		800W
<b>Rated current</b>		7.5A
<b>Max. air volume</b>		480 m <sup>3</sup> /m
<b>Noise level</b>		70 dB
<b>Weight</b>		83 kg
<b>Dimensions (mm)</b>		H1177 × W1066 × D755

# Portable Exhaust Fans



**EFFECTIVELY REMOVE**

- ▶ **EXTREME HEAT**
- ▶ **DUST**
- ▶ **FUMES**
- ▶ **DANGEROUS PARTICLES**

**FROM YOUR WORK PLACE**



- SJF-200RS** - For ø 23cm ducts
  - SJF-250RS** - For ø 28cm ducts
  - SJF-300RS** - For ø 32cm ducts
- Standard Models

Model number	SJF-200RS	SJF-250RS	SJF-300RS
<b>Power supply</b>	200V (Other voltages available on demand)		
<b>Power consumption</b>	175W	265W	415W
<b>Rated current</b>	1.6 A	2.2A	3.3A
<b>Applicable duct diameter</b>	230mm	280mm	320 mm
<b>Fan blade</b>	ø200mm / 6 blades	ø250mm / 6 blades	ø288mm / 4 blades
<b>Motor</b>	250W / 2 poles	350W / 2 poles	550 W / 4 poles
<b>Max. air volume</b>	20 m <sup>3</sup> /m	35 m <sup>3</sup> /m	50 m <sup>3</sup> /m
<b>Noise level</b>	77.5 dB	83.5 dB	80 dB
<b>Weight</b>	7.9 kg	9.1 kg	12.8 kg
<b>Dimensions (mm)</b>	H337 × W300 × D305	H393 × W300 × D307	H432 × W390 × D332
<b>Protective device</b>	Thermal protector		

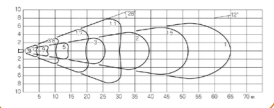
Powerful and Durable



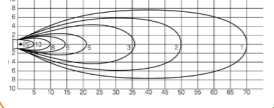
Made in Taiwan



■ Airflow distance: 65 meters!



■ Airflow distance: 70 meters!



**SJF-600A** - 65 m airflow  
**SJF-700A** - 70 m airflow

- Powerful ventilation with airflow reaching 65m and 70m respectively.
- Suitable for ventilation of large factory spaces and warehouses.
- Airflow direction adjustable 90° up and 90° down.

Model number	SJF-600A-3	SJF-700A-3
<b>Power supply</b>	3 Phase 200V (Other voltages available on demand)	
<b>Fan blade</b>	<b>Diameter</b>	600 mm
	<b>Quantity</b>	9 Blades
<b>Motor</b>	<b>Nominal output</b>	1.5 kW
	<b>Poles</b>	4 Poles
<b>Power consumption</b>		1040W
<b>Rated current</b>		6.5A
<b>Max. air volume</b>		480 m <sup>3</sup> /m
<b>Noise level</b>		80 dB
<b>Weight</b>		79 kg
<b>Dimensions (mm)</b>		H1160 × W920 × D690

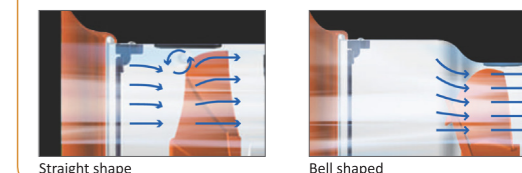
- SJF-200L** - For ø 23cm Duct
  - SJF-250L** - For ø 28cm Duct
  - SJF-300L** - For ø 32cm Duct
- Low Energy-Consumption Models

Model number	SJF-200L	SJF-250L	SJF-300L
<b>Power supply</b>	200V (Other voltages available on demand)		
<b>Power consumption</b>	100W	260W	345 W
<b>Rated current</b>	1.6A	2.2 A	3.3 A
<b>Applicable duct diameter</b>	230mm	280mm	320 mm
<b>Fan blade</b>	ø200mm / 6 blades	ø250mm / 6 blades	ø288mm / 4 blades
<b>Motor</b>	100W / 2 poles	200W / 2 poles	400W / 4 poles
<b>Max. air volume</b>	17 m <sup>3</sup> /m	28 m <sup>3</sup> /m	44 m <sup>3</sup> /m
<b>Noise level</b>	65.0 dB	68.5 dB	71 dB
<b>Weight</b>	8.7 kg	10.5 kg	14.5 kg
<b>Dimensions (mm)</b>	H380 × W360 × D382	H423 × W390 × D390	H471 × W440 × D405
<b>Protective device</b>	Thermal protector		

Quiet and Energy-Saving



The new bell shaped construction allows for smoother air flow and reduces noise.



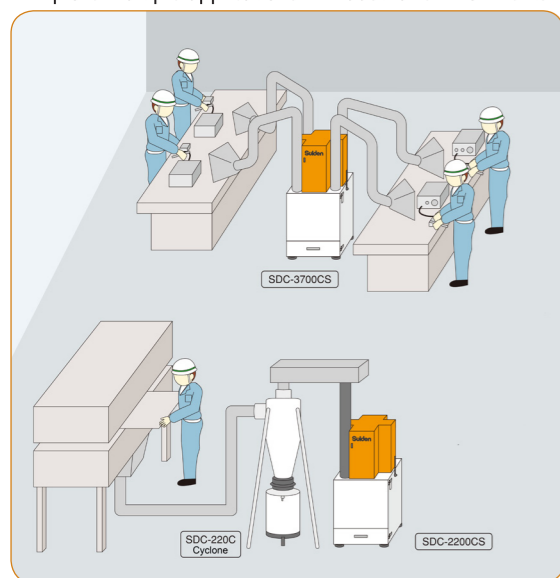
# Dust Collectors

**CS-Series** - Heavy Duty Dust Collectors | Easy-maintenance Cartridge Type Filters

- These powerful industrial size dust collectors help to keep your work environment free from dangerous dust particles that otherwise could be inhaled and cause serious respiratory illnesses.
- With the [+] shaped top you can attach up to four suction ducts facing upwards, hence taking up very little extra floor space.
- The highly effective cartridge filter is installed as a cassette that easily can be taken out for cleaning or to be changed.
- By pulling the lever on the side of the unit back and forth a couple of times, you easily shake the dust that has accumulated on the filter. This should be done regularly to prevent the filter from clogging, which would decrease the performance of the unit.

Remove hazardous particles from the air

■ Explore multiple applications in industrial environments



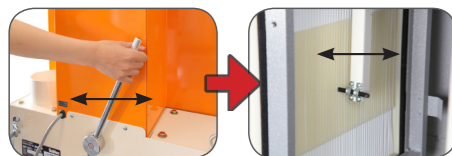
■ SDC-750CS  
■ SDC-1500CS

■ SDC-2200CS

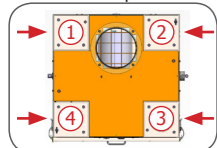
■ SDC-3700CS



■ Pull the lever to shake the dust off the filters



■ Four possible duct attachment points



■ Easy to access and change cassette filter



Model number	SDC-750CS	SDC-1500CS	SDC-2200CS	SDC-3700CS
<b>Power supply</b>	3 phase 200V (Other voltages available on demand)			
<b>Motor output</b>	0.75 kW / 2P	1.5 kW / 2P	2.2 kW / 2P	3.7 kW / 2P
<b>Horse powers</b>	1 hp	2 hp	3 hp	5 hp
<b>Average suction air flow</b>	10 m³/min	15 m³/min	30 m³/min	40 m³/min
<b>Static pressure</b>	1.16 kPa	1.45 kPa	2.02 kPa	2.20 kPa
<b>Suction vent diameter</b>	123 mm	148 mm	198 mm	248 mm
<b>Cassette filter</b>	Area	4 m²	8 m²	16 m²
	Quantity	2 pieces	4 pieces	4 pieces
<b>Dust tank capacity</b>	25 L		37 L	46 L
<b>Net weight</b>	108 kg	117 kg	180 kg	250 kg
<b>Dimensions (mm)</b>	H1389 x W714 x D660		H1765 x W770 x D770	H1925 x W940 x D900

■ Cyclone Separators - For even more effective dust collection



- The dust collector cyclone separators unburden the dust collector unit and its filters by extracting all the larger dust particles before they reach the actual dust collector.
- Larger particles of wood, glass, metal etc bump against the wall of the cyclone separator where they lose speed and fall down into the dust tank, leaving only the smallest particles to continue to the dust collector unit.
- This two step system requires much less filter maintenance and the dust tank can be changed less often.



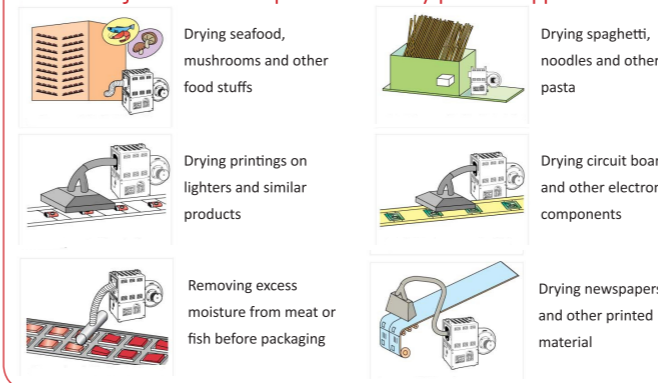
# Hot Air Dryers

**F-Series** - Clean Output Air | Digital Control Panel | Space-Efficient Design

Up to 350°C Output Heat

- Suldin hot air dryers are an invaluable tool for drying, heating, defrosting, antifreeze, temperature regulation, heat sterilization, aging, dissolution and melting.
- They produce clean hot air free of pollutants, making them suitable for drying food and other hygienically sensitive products.
- Easy to use digital control panel.
- Equipped with dual overheat protection system.

■ Here are just a few examples of the many possible applications:



Model	SHD-1.3FII	SHD-2FII	SHD-4FII	SHD-6FII	SHD-9FII	SHD-15FII
<b>Power supply</b>	100V	S. phase 200V	3 phase 200V	3 phase 200V	3 phase 200V	3 phase 200V
<b>Power consumption</b>	1.4 kW	2.1 kW	4.1 kW	6.1 kW	9.1 kW	15.4 kW
<b>Temperature control system</b>	PID Controller					
<b>Temperature range (including hot air recirculation setting)</b>	Ambient temperature ~ 350°C					
<b>Max. output temperature</b>	200°C	300°C	350°C	350°C		
<b>Max. air volume</b>	1.7 m³ / min	3.7 m³ / min		5.0 m³ / min	10.0 m³ / min	
<b>Air flow adjustment method</b>	Damper in the fan unit air vent					
<b>Applicable duct size</b>	Hot air exhaust vent: φ 50 mm Air intake vent: φ 75 mm		Hot air exhaust vent: φ 75 mm Air intake vent: φ 100 mm		Hot air exhaust vent: φ 100 mm Air intake vent: φ 100 mm	
<b>Air intake vent max. temperature</b>	200°C					
<b>External dimensions</b>	H469 x W524 x D344		H522 x W578 x D359		H522xW612xD364	H542xW967xD478
<b>Weight</b>	26 kg		33 kg		35 kg	60 kg

**Roof Ventilation Fans**

- The ultra-light corrosion resistant FRP dome effectively protects against wind and rain.
- Low noise design with bell mouth shape that reduces vibrations.
- Available in many different sizes: 40 - 90 cm fan blade diameter.
- Natural ventilation models without fans are also available.
- Optimal effect is achieved when used in combination with pressure ventilation wall fans (see right).



■ Top view without dome



■ Bottom view



**Pressure Ventilation Wall Fans**

- Perfect for ventilating stale air, gases, moisture and heat.
- Low noise design with rounded edges that reduce vibrations.
- Available in many different sizes: 25 - 90 cm fan blade diameter.
- Both 1-speed and 3-speed models are available.
- Stainless steel models also available.
- Optimal effect is achieved when used in combination with roof ventilation fans (see left).



The following optional accessories are also available:





**Suiden**

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