

Spot Coolers

Vacuum Cleaners

Sweepers

Industrial Fans

Portable Exhaust Fans

Dust Collectors

Hot Air Dryers



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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
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



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Suiden's International Manufacturing Network

Tottori Factory

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



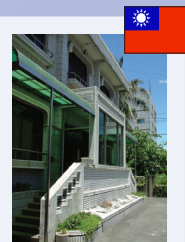
Nara Factory

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.



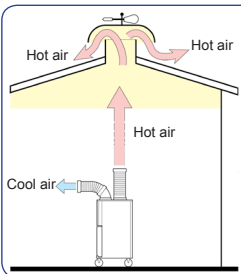
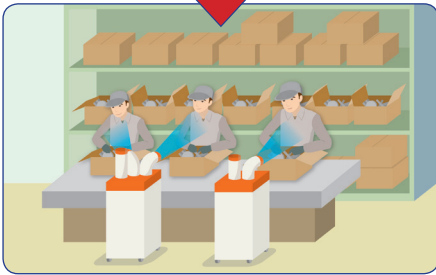
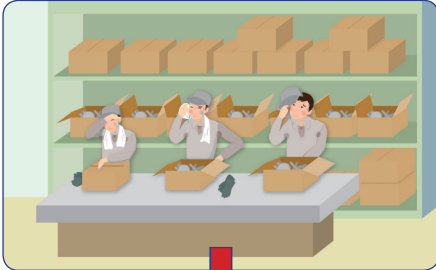
Portable Spot Coolers

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.

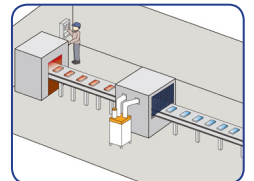
■ Hot exhaust air is forcefully blown upwards to the ceiling, and doesn't effect the area being cooled.



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

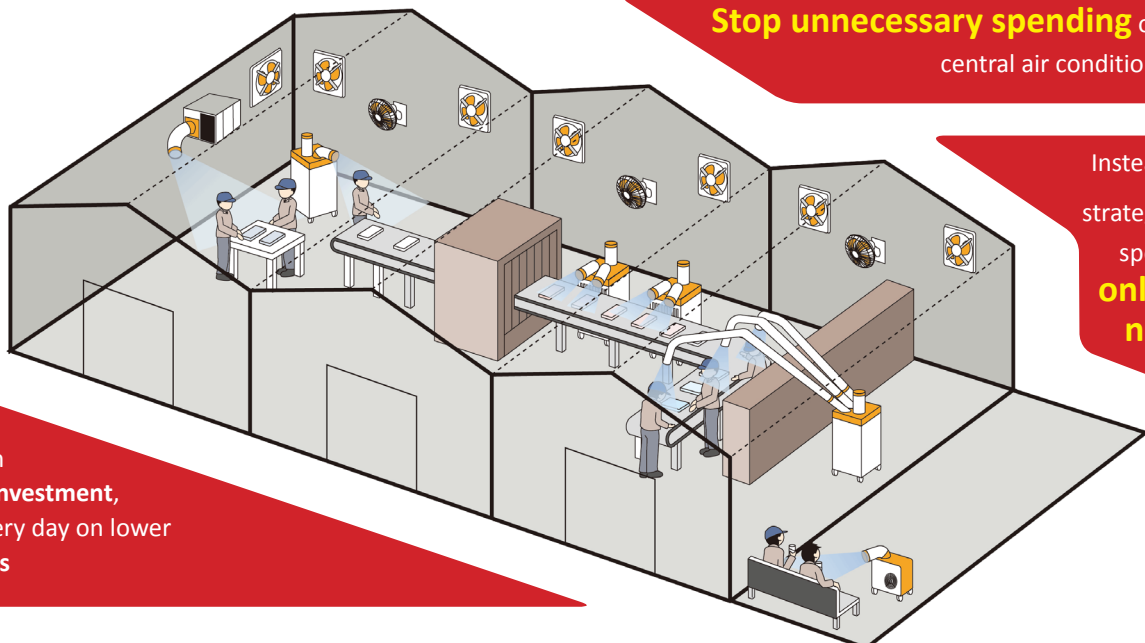


Cool down your steaming kitchen

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**



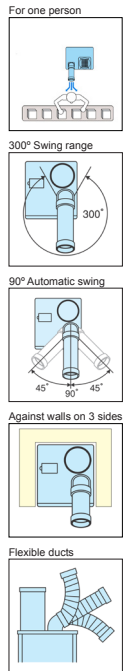
Suiden

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	Single phase 220V , 50Hz	
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 cable and plug	Cable: 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%)	

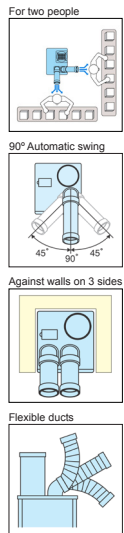
7,500 BTU

**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	Single phase 220V , 50Hz	
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 cabled and plug	Cable: 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%)	

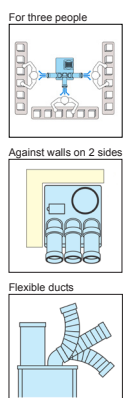
13,500 BTU

**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	Single phase 220V , 50Hz
Cooling capacity	5.6 kW / 19,000 BTU
Power consumption	2.43 kW
Refrigerant	R22
Net weight	92kg
Drain tank capacity	20 L
Electric cable and plug	Cable: 2 m / Electric plug not included
Dimensions (mm)	W 490 x D 600 x H 1120 (Not including air ducts)
Operation safety range	25°C (50%) - 45°C (40%)

19,000 BTU



SS-25CG-1 - Single phase 100V

SS-25CG-3 - 3 phase 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-25CG-1	SS-25CG-3
Power supply	Single phase 100V	3 phase 200V
Cooling capacity	2.2 kW / 7500 BTU	
Power consumption	760W	730W
Compressor safety devices	■ Overheat relay ■ 2 x Reverse-phase protection relay ■ Fan protecting thermostat	■ Overheat relay ■ Fan protecting thermostat
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%)	



POTABLE SPOT COOLER

100V / 200V Model

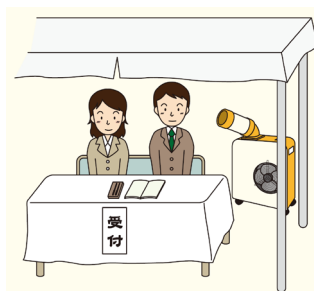
Made in China

SS-16MU-1 - Single phase 100V

Compact Model

Compact and easy move spot cooler.

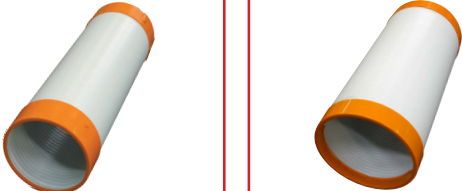
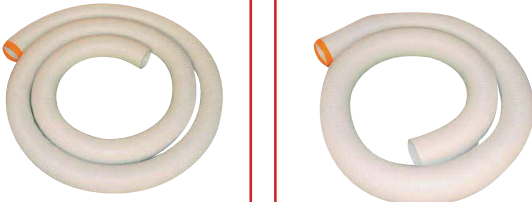
The compact design and its mere 21kg make it the perfect, Choice when easy mobility is essential. Can be placed anywhere, Taking up very little space.



Model number	SS-16MU-1
Automatic swivel	No
Power supply	Single phase 100V
Cooling capacity	1.6 kW / 5500 BTU
Power consumption	530W
Compressor safety devices	■ Overheat relay ■ Fan protecting thermostat
Refrigerant	R407C
Net weight	21 kg
Electric cable	2 m
Dimensions (mm)	W 460 x D 250 x H 547 (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	Cool Air Duct Elbow	10	Suspension Hooks
									

	Accessory	Applicable models	Measurements
1	Standard Cool Air Duct	SS-22, SS-40, SS-56	ø114 x 400mm
2	Standard Exhaust Air Duct	SS-22	ø175 x 400mm
		SS-40	ø200 x 360mm
		SS-56	ø250 x 360mm
3	Cool Air Extension Duct	SS-22, SS-40, SS-56	ø125 x 5m
4	Exhaust Air Extension duct	SS-22	ø175 x 4m
		SS-40	ø225 x 4m
		SS-56	ø250 x 4m
5	Duct Clamp	SS-22, SS-40, SS-56	ø125, ø175, ø225, ø250
6	Standard Dust Filter	SS-22	625 X 324
		SS-40	800 X 454
		SS-56 (Large)	720 X 424
		SS-56 (Small)	495 X 282
7	Heavy Duty Dust Filter	SS-22	625 X 319
		SS-40	770 X 480
		SS-56 (Large)	750 X 570
		SS-56 (Small)	500 X 330
8	Oil Mist Filter	SS-22	625 x 319
		SS-40	800x 454
		SS-56 (Large)	717 x 424
		SS-56 (Small)	500 X 280
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

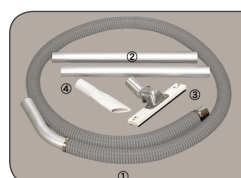
- This versatile high-power vacuum cleaner with its ability to clean any dry or wet waste, including oil, will meet any imaginable need you might have at your place of work.
- The detachable waste tank on wheels makes waste disposal very easy. Just pull the lever on the side and the waste tank will gently 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



Model number	SV-2001EG-8A
Power supply	Single phase 220V
Max vacuum pressure	18.0 kPa
Suction air volume	4.8 m³/min
Power consumption	2200W
Tank capacity	Dry: 40L / Wet: 35L
Net weight	51kg
Hose	Diameter: 50 mm / Length: 3m
Electric cable length	20 m
Dimensions (mm)	W550 x D800 x H1010

Just pull the lever to release the tank



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 SPSV-110L-8A - 22L Tank

Wet - Dry - Oil-mixed Metal Swarf

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.

SPSV-110L-8A

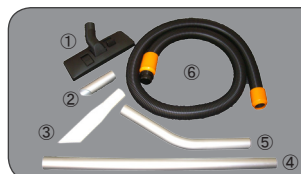
SPSV-110-8A



Model number	SPSV-110-8A	SPSV-110L-8A
Power supply	Single phase 220V	
Max vacuum pressure	23.0 kPa	
Suction air volume	2.7 m³/min	
Power consumption	1100W	
Tank capacity	Dry: 10L / Wet: 7L	Dry: 22L / Wet: 20L
Net weight	14 kg	16 kg
Hose	Diameter: 32 mm / Length: 2m	
Electric cable length	8 m	
Dimensions (mm)	W370 x D410 x H485	W400 x D420 x H780



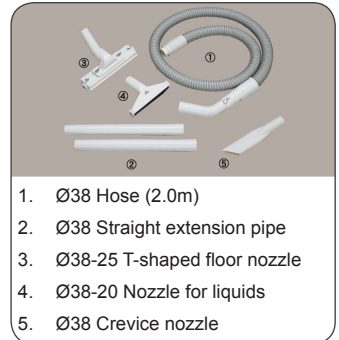
The stainless steel tank can be washed with water, which makes maintenance a breeze



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 (2m)

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.



Model number		SGV-110A	SGV-110AL	SGV-110ALN	SGV-110A-PC
Power supply		Single phase 100V			
Max vacuum pressure		30.0 kPa			
Suction air volume		2.6 m³/min			
Power consumption		1100W			
Tank capacity		Dust: 22L / Liquids: 16L	Dust: 44L / Liquids: 37L	Dust: 44L / Liquids: 37L	Dust: 12L / Liquids: 8L
Drain hose		No	No	Yes	No
Net weight		20.5 kg	23.0 kg	23.5 kg	14.5 kg
Hose	Diameter	38 mm			
	Length	2 m			
Electric cable length		8 m			
Dimensions (mm)		W474 x D520 x H764	W474 x D600 x H963	W474 x D600 x H963	W336 x D336 x H682

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



SGV-110DP
SGV-110DPL
SGV-110DP-PC



SGV-110DS
SGV-110DSL
SGV-110DS-PC



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 dust collectors.
- Easy waste disposal system. The wheel equipped tank can be detached from the main unit and easily rolled to place of disposal.

Accessories:

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

Model number		SSV-103A	SSV-203A	SSV-303A
Power supply		3 phase 200V		
Max vacuum pressure		12.0 kPa	16.0 kPa	18.5 kPa
Suction air volume		1.8 m³/min	3.0 m³/min	4.5 m³/min
Power consumption		0.8kW	1.5kW	2.4kW
Rated current		3.0A	5.5A	8.2A
Tank capacity		Dust: 30L Liquids: 30L	Dust: 36L Liquids: 36L	Dust: 36L Liquids: 36L
Net weight		61.5 kg	107.0 kg	120.0 kg
Hose	Diameter	38 mm	50 mm	
	Length	2 m	3 m	
Electric cable length		10 m		
Dimensions (mm)		450 x 805 x 750	515 x 1015 x 910	

Suitable for 24
Operation



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: $\geq 0.3 \mu\text{m}$ 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 $\geq 0.1 \mu\text{m}$ dust particles to 99.99%



DP-Filter

The Fine Dust/Powder filter handles $\geq 2 \mu\text{m}$ particles



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)

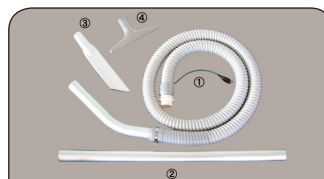
Model number		SCV-110DP
Power supply		Single phase 100V
Max vacuum pressure		22.0 kPa
Suction air volume		2.5 m³/min
Power consumption		1150W
Rated current		11.5 A
Tank capacity		12 L
Net weight		16.0 kg
Hose	Diameter	38 mm
	Length	2 m
Electric cable length		8 m
Dimensions (mm)		W340 x D366 x H697

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

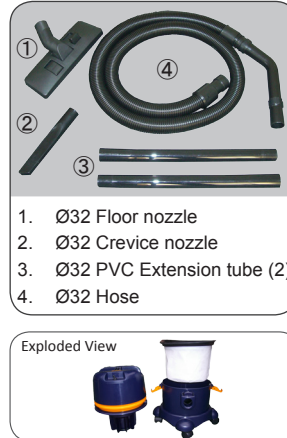
Model number		SAC-100
Power supply		Compressed air
Max vacuum pressure		19.6 kPa
Suction air volume		1.93 m³/min
Tank capacity		Dust: 16L Liquids: 14.5L
Net weight		10.5 kg
Hose	Diameter	38 mm
	Length	2 m
Dimensions (mm)		W338 x D346 x H600

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.

Perfect for
the Office

Model number	SAV-110R-8A
Suitable for cleaning:	Dust & liquids
Power supply	Single phase 220V
Max vacuum pressure	23.0 kPa
Suction air volume	2.6 m³/min
Power consumption	1100W
Rated current	5.5A
Tank capacity	Dust: 8L / Liquids: 6.5L
Net weight	8.2 kg
Hose	Diameter: 32 mm / Length: 1.8m
Power cable length	8 m
Dimensions (mm)	W340 x D360 x H485



Made in China

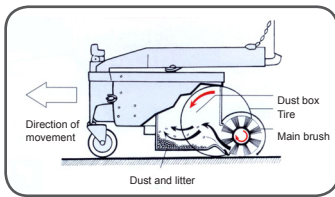
FLOOR SWEEPERS



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.

Model name	YUSO Walk-Behind Sweeper
Model number	ST-651
Power source	Driven by being pushing forward
Sweeping width	650 mm
Sweeping capacity (Area)	2.275km²/h at 3.5km/h walking speed
Dust box volume (Effective)	25L (7L)
Dimensions (mm)	W780 × D1270 × H960
Weight	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.

Model name	YUSO Forklift Sweeper
Model number	ST-1501DC
Power source	Driven by forward motion of the forklift
Brush and dust collection fan	
Sweeping width	1.500mm
Sweeping capacity (Area)	7.500m² at a driving speed of 5km/h
Dust filter	Dust collecting filter with filter shaker handle
Dust box volume	20L
Dimensions	W1500 × D1180 × H690
Weight	130kg
Suitable forklift types	Maximum outer fork width: 276mm (Forklifts in the 0,75-2 ton class)

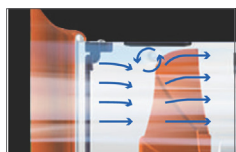
SJF-604A - Large Portable Exhaust Fan / Blower | Low Energy | Quiet Design | 65m airflow

- Powerful ventilation with and 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.

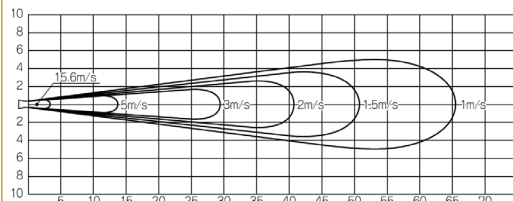


Straight shape

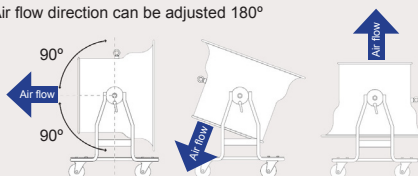


Bell shaped

■ Airflow distance: 65 meters!



Air flow direction can be adjusted 180°



Made in Japan

Model number		SJF-604A
Power supply		3 Phase 200V (Other voltages available on demand)
Fan blade	Diameter	600 mm
	Quantity	4 Blades
Motor	Nominal output	1.5 kW
	Poles	4 Poles
Power consumption		800W
Rated current		7.5A
Max. air volume		480 m ³ /m
Noise level		70 dB
Weight		83 kg
Electric cable		Not included
Dimensions (mm)		W1066 × D755 × H1177

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.

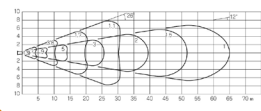


SJF-600A

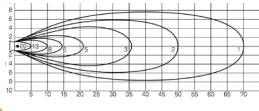


SJF-700A

■ Airflow distance: 65 meters!



■ Airflow distance: 70 meters!



Model number		SJF-600A-3	SJF-700A-3
Power supply		3 Phase 200V (Other voltages available on demand)	
Fan blade	Diameter	600 mm	710 mm
	Quantity	9 Blades	6 Blades
Motor	Nominal output	1.5 kW	2.2 kW
	Poles	4 Poles	4 Poles
Power consumption		1040W	1750W
Rated current		6.5A	11.0A
Max. air volume		480 m ³ /m	740 m ³ /m
Noise level		80 dB	87 dB
Electric cable		Not included	
Weight		79 kg	106 kg
Dimensions (mm)		W920 × D690 × H1160	W1062 × D820 × H1292

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
Power supply	Single phase 200V (Other voltages available on demand)		
Power consumption	175W	265W	415W
Rated current	1.6 A	2.2A	3.3A
Applicable duct diameter	230mm	280mm	320 mm
Fan blade	ø200mm / 6 blades	ø250mm / 6 blades	ø288mm / 4 blades
Motor	250W / 2 poles	350W / 2 poles	550 W / 2 poles
Max. air volume	20 m ³ /m	35 m ³ /m	50 m ³ /m
Noise level	77.5 dB	83.5 dB	80 dB
Weight	8.0 kg	9.1 kg	12.8 kg
Dimensions (mm)	W300 × D305 × H337	W360 × D307 × H393	W390 × D332 × H432
Protective device	Thermal protector		

Powerful and Durable



SJF-200RS



SJF-250RS



SJF-300RS

- 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
Power supply	Single phase 200V (Other voltages available on demand)		
Power consumption	100W	160W	345 W
Rated current	1.6A	2.2 A	3.3 A
Applicable duct diameter	230mm	280mm	320 mm
Fan blade	ø200mm / 4 blades	ø250mm / 4 blades	ø288mm / 4 blades
Motor	100W / 2 poles	200W / 2 poles	400W / 2 poles
Max. air volume	17 m ³ /m	28 m ³ /m	44 m ³ /m
Noise level	65.0 dB	68.5 dB	71 dB
Weight	8.7 kg	10.5 kg	14.5 kg
Dimensions (mm)	W360 × D382 × H380	W390 × D390 × H423	W440 × D405 × H471
Protective device	Thermal protector		

Quiet and Energy-Saving



SJF-200L

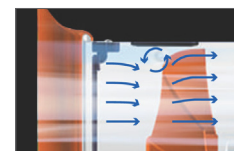


SJF-250L



SJF-300L

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



Straight shape



Bell shaped

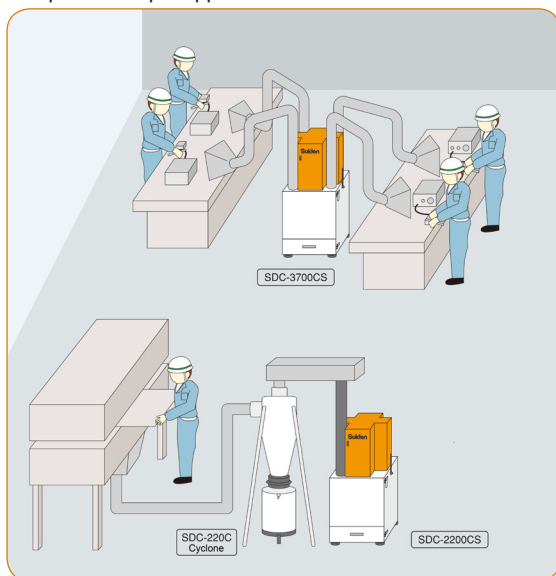
Dust Collectors

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

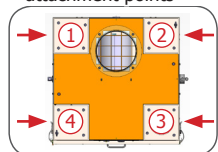
■ SDC-3700CS



■ 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
Power supply	3 phase 200V (Other voltages available on demand)			
Motor output	0.75 kW / 2P	1.5 kW / 2P	2.2 kW / 2P	3.7 kW / 2P
Horse powers	1 hp	2 hp	3 hp	5 hp
Average suction air flow	10 m³/min	15 m³/min	30 m³/min	40 m³/min
Static pressure	1.16 kPa	1.45 kPa	2.02 kPa	2.20 kPa
Suction vent diameter	123 mm	148 mm	198 mm	248 mm
Cassette filter	Area	4 m²	16 m²	20 m²
	Quantity	2 pieces	4 pieces	5 pieces
Dust tank capacity	25 L		37 L	46 L
Net weight	108 kg	117 kg	180 kg	250 kg
Electric cable	Not included			
Dimensions (mm)	W686 x D660 x H1389		W815 x D786 x H1765	W985 x D917 x H1925

■ Cyclone Separators - For even more effective dust collection



SDC-220C

- 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.



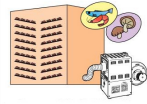
Hot Air Dryers

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

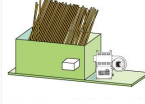
Up to 350°C
Output Heat

- Suiden 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.

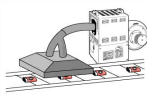
■ Here are just a few examples of the many possible applications:



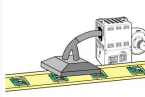
Drying seafood, mushrooms and other food stuffs



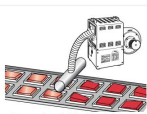
Drying spaghetti, noodles and other pasta



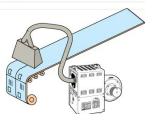
Drying printings on lighters and similar products



Drying circuit boards and other electronic components



Removing excess moisture from meat or fish before packaging



Drying newspapers and other printed material



Model	SHD-1.3FII	SHD-2FII	SHD-4FII	SHD-6FII	SHD-9FII	SHD-15FII
Power supply	Single phase 100V	Single phase 200V	3 phase 200V			
Power consumption	1.4 kW	2.1 kW	4.1 kW	6.1 kW	9.1 kW	15.4 kW
Temperature control system	PID Controller					
Temperature range (including hot air recirculation setting)	Ambient temperature ~ 350℃					
Max. output temperature	200℃		300℃	350℃		
Max. air volume	1.7 m³ / min		3.7 m³ / min		5.0 m³ / min	10.0 m³ / min
Air flow adjustment method	Damper in the fan unit air vent					
Applicable duct size	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	
Air intake vent max. temperature	200℃					
External dimensions	W524 x D344 x H469		W578 x D359 x H522		W612xD364xH522	W967xD478xH542
Weight	26 kg		33 kg		35 kg	60 kg
Electric cable	Not included					

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:

■ Ventilation Hood



■ Fan Guard



■ Shutters





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