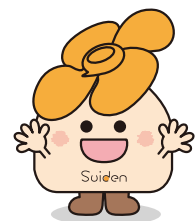


Suiden



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Suiden

GENERAL CATALOG



株式会社 **スイデン**
<https://www.suiden.com>



We provide various products to make comfortable working environment.

Index

P.3 Spot cooler

We manufacture variety of industrial spot coolers, one cool air duct type, two cool air ducts type and three cool air ducts type, to meet your demands.



P.11 Portable Exhaust fan

We manufacture various portable fans to meet the needs of our customers. For example, low noise and low energy consumption model is SJF-L series and high performance but affordable model is SJF-RS series.



P.12 Large portable exhaust fan

Large portable exhaust fans with elevation angle adjustable function. It gives you the freedom to direct the airflow in the direction you require.



P.13 Rooftop Ventilation Fan

Our rooftop ventilation fans are capable of ventilating hot air from ceiling effectively. The product line-ups are varied, standard model, low-noise model, wind pressure shutter model, corrosion protection model, and natural ventilation model.



P.14 Wall type ventilation fan

Our wall type ventilation fans are suitable for various work places such as factory, meeting place and shopping store, capable of ventilating air and gas from such large sized places.



P.15 Vacuum Cleaner

We manufacture various industrial vacuum cleaners for factory, shop, office and even for clean room and they received high praise from different industries.



P.21 Hot Air Dryer

We manufacture various hot air dryers including large model and some of them are inverter control models.



P.23 Dust Collector

Suiden dust collectors have powerful suction capability and equipped with high performance filter. Our product line-up for dust collector includes small sized dust collector and portable duct collector as well.

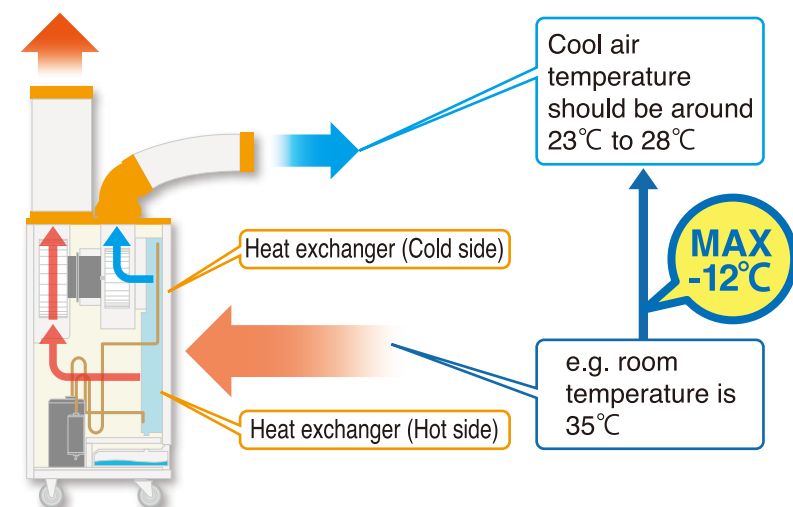




Suiden spot coolers are used in various places and purposes

Mechanism of spot cooler

Spot cooler is compressor-based refrigerant system that uses air to exchange heat, in the same way as a car or typical household air conditioner. With this type of system, the air is dehumidified as it is cooled. The unit collects water condensed from the heat exchanger (Cold side) which is fundamentally from the cooled air, and produces hot air from heat exchanger (Hot side). This system is totally different from evaporative air coolers sometimes called swamp air conditioners do not have a compressor or heat exchangers.



Customer reviews



After bought Suiden Spot cooler, our working condition has drastically been improved so many workers are comfortable working in their sites now hence the rate of people leaving their jobs (Turnover) has been decreased.

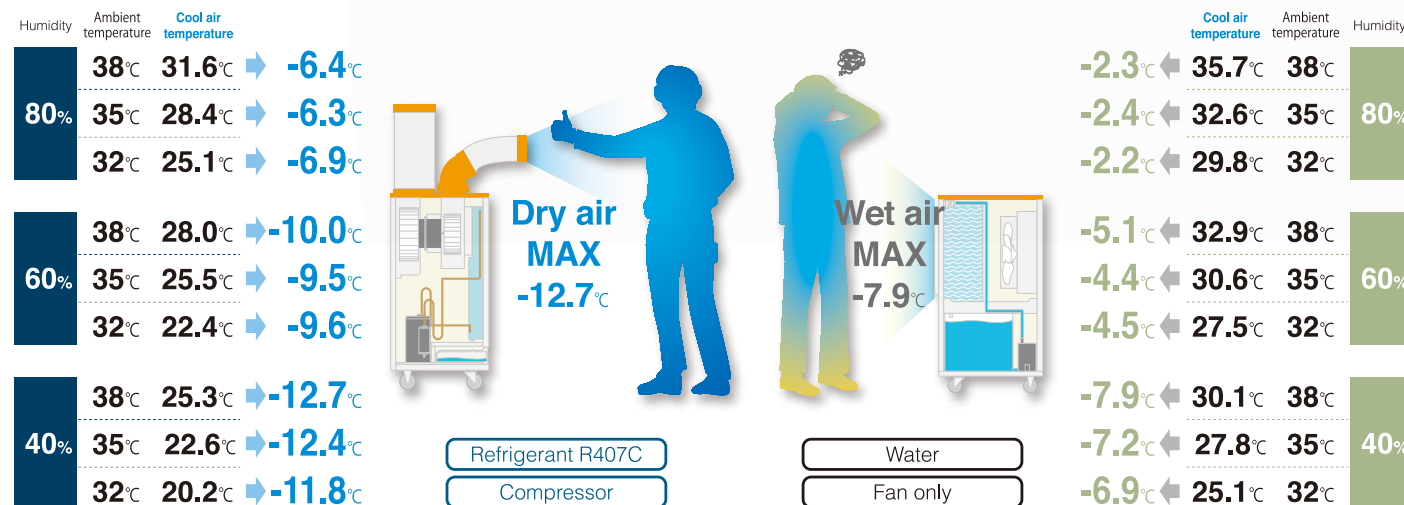


After purchased Suiden Spot cooler, our workers seems more alive and better in their health so the manufacturing efficiency and productivity have greatly been improved.

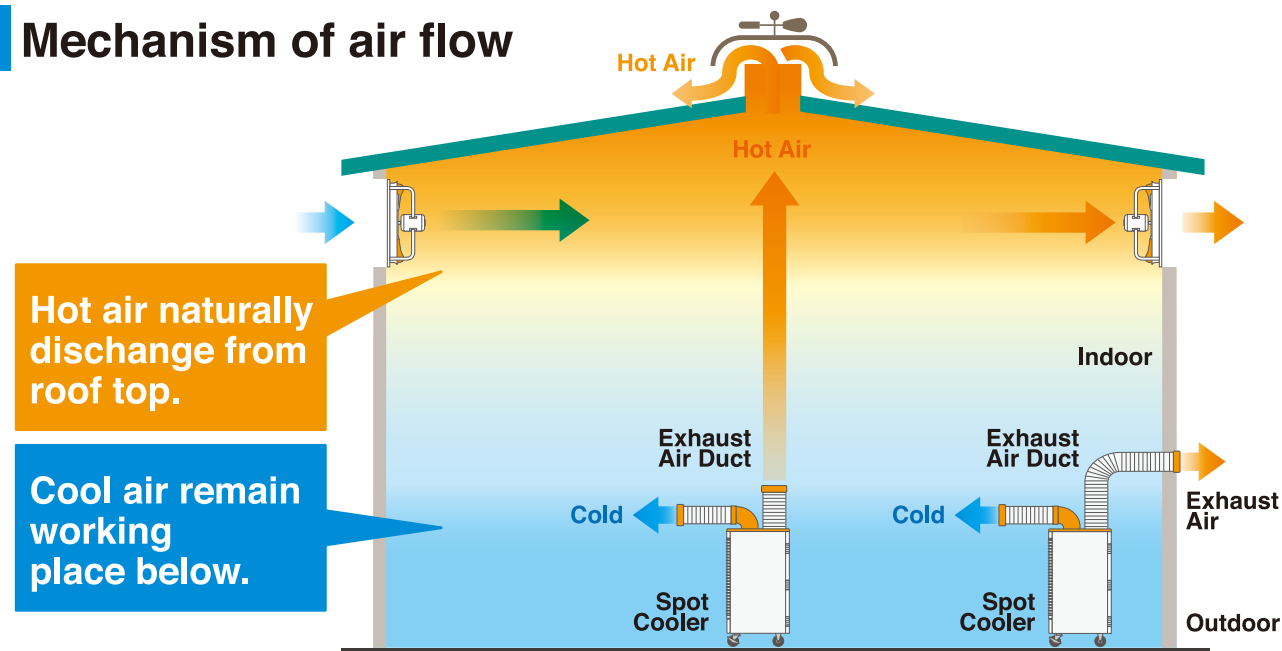
SPOT COOLER

Performance comparison for spot cooler and evaporative air cooler

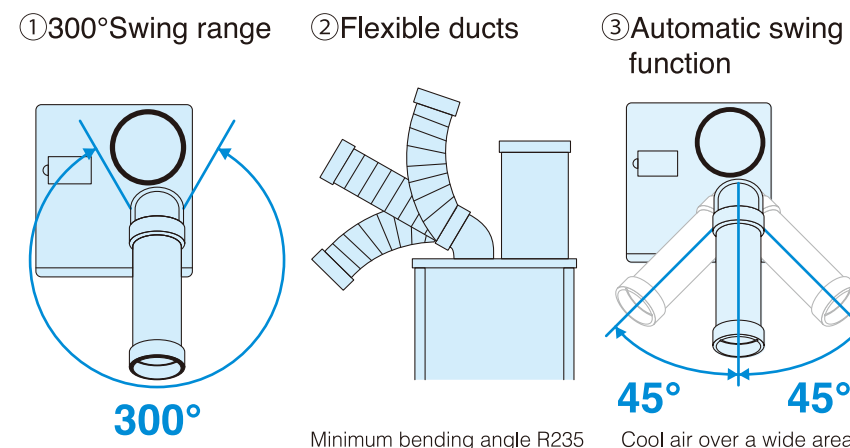
These data are selected based on typical climate in South-east Asia (Temperature & Humidity).
*These data are collected in environmental test room at Suiden facility.



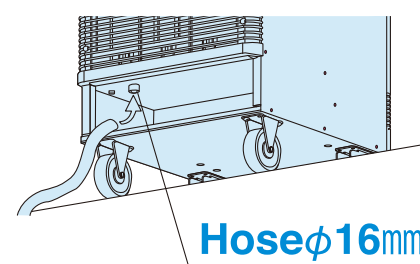
Mechanism of air flow



Adjustable cool air duct



Direct Drainage function



*Hose is NOT in our optional products.

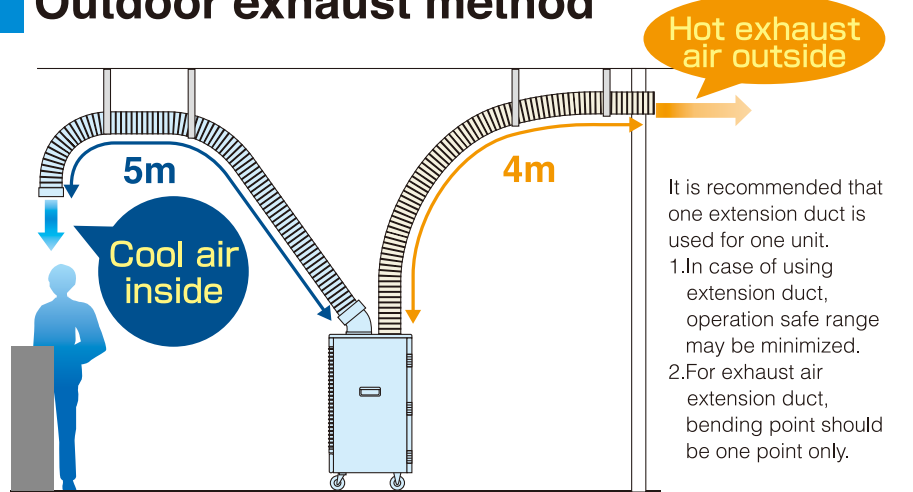
Power cable

The power cable is 2 meters long (VCTFK 1.0Sq x 2 cores x 2m)

Power cable length nominal cross-sectional area.

| | |
|-------|--------------------|
| ≤ 8m | 1.5mm ² |
| ≤ 14m | 2.5mm ² |
| ≤ 22m | 4.0mm ² |

Outdoor exhaust method



Environmental friendly refrigerant R407C

- No ozone depleting potential (Reduced global warming potential).
(GHG index : R407C → 1500, R22 → 1700)
- Non-combustible refrigerant.
(New propane refrigerant is flammable)

Exhaust Air Duct

- ① Aligning the attachment guide marker.
- ② The cool air duct extends up to 550mm (±20mm).
- ③ The exhaust air duct extends up to 550mm (±20mm).

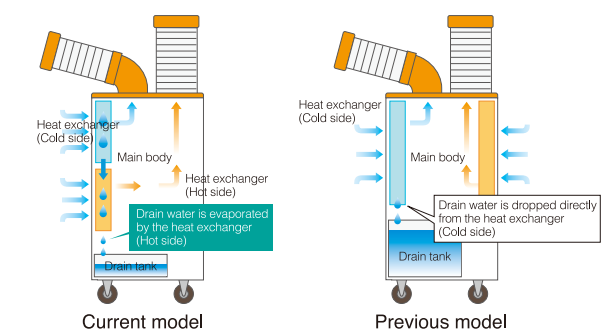


Note: The both ducts can extend up to 550mm but the dimensional tolerance is ±20mm by individual difference.

Mini-drain tank

Comparing to the previous model, drain water amount is 18 times less.

Around 90% down



Condition: 35℃ humidity 60%

| | Drain amount (cc/h) | Tank capacity |
|----------------|---------------------|---------------|
| Previous model | 1800 | 20L |
| Current model | 100 | 5L |

*In a rain season (e.g. 30℃ humidity 80%), drain amount may be twice or three times more compared to a dry season.
*The data above is measured in a brand new condition so drain water amount may be changed by various factors such as heat exchanger is covered by oil, dust, etc.

SPOT COOLER

Single duct spot coolers

Single phase 220V 50Hz
R407C Refrigerant

For One Person

- SS-22DG-8B Automatic swivel
- SS-22EG-8B No automatic swivel

| Model number | SS-22DG-8B | SS-22EG-8B |
|-------------------------|---------------------------------------|------------|
| Automatic swivel | Yes | No |
| Power supply | Single phase 220V | |
| Cooling capacity(50Hz) | 2.2kW / 7500BTU | |
| Power consumption(50Hz) | 0.8kW | |
| Refrigerant | R407C | |
| Net weight | 39 kg | |
| Drain tank capacity | 5L(Mini drain) | |
| Power cable and plug | Cable:2m / Electric plug not included | |
| Dimensions(mm) | W390 x D430 x H808 | |
| Operation safety range | 25°C(50%) - 45°C(40%) | |

- 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 swivel function of SS-22DG-8B provides a very wide and smooth cooling effect.



Made in China

Stock in China

Single duct spot cooler

Single phase 220V 50Hz
R407C Refrigerant

For One Person

- SS-22LA-8B

| Model number | SS-22LA-8B |
|-------------------------|---------------------------------------|
| Automatic swivel | No |
| Power supply | Single phase 220V |
| Cooling capacity(50Hz) | 2.2kW / 7500BTU |
| Power consumption(50Hz) | 0.85kW |
| Refrigerant | R407C |
| Net weight | 35 kg |
| Drain tank capacity | 5L(Mini drain) |
| Power cable and plug | Cable: 2m/ Electric plug not included |
| Dimensions(mm) | W354xD412xH1041(Not including duct) |
| Operation safety range | 25°C (50%) - 45°C (40%) |

- 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 two sides.



- Louver model. Can be used with cool air duct as the picture shown right here.

※Cool air duct is for this model is optional parts.



Made in China

Stock in China

Two ducts spot coolers

Single phase 220V 50Hz
R407C Refrigerant

For Two People

- SS-40DG-8B Automatic swivel
- SS-40EG-8B No automatic swivel

| Model number | SS-40DG-8B | SS-40EG-8B |
|-------------------------|---|------------|
| Automatic swivel | Yes | No |
| Power supply | Single phase 220V | |
| Cooling capacity(50Hz) | 4.0 kW / 13500 BTU | |
| Power consumption(50Hz) | 1.90 kW | |
| Refrigerant | R407C | |
| Net weight | 73kg | |
| Drain tank capacity | 8 L (Mini drain) | |
| Power cable and plug | Cable: 2 m / Electric plug not included | |
| Dimensions(mm) | W 520 x D 470 x H 1120 | |
| Operation safety range | 25°C (50%) - 45°C (40%) | |

- 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 swivel function of SS-40DG-8B both ducts smoothly swing in a 90° angle, providing a pleasant cooling effect for your working area.



Made in China

Stock in China

Ceiling type spot coolers

Single phase 100V and 3 phase 200V
R407C Refrigerant

Perfect for Cramped Work Areas

- SS-20CJ-1
- SS-20CJ-3

| Model number | SS-20CJ-1 | SS-20CJ-3 |
|---------------------------|---|--|
| Power supply | Single phase 100V | 3 phase 200V |
| Cooling capacity(50Hz) | 1.7kW / 5800BTU | 1.6kW / 5500BTU |
| Power consumption(50Hz) | 940W | 880W |
| Refrigerant | R407C | |
| Compressor safety devices | ■Overheat relay ■Fan protecting thermostat | ■Overheat relay ■Fan protecting thermostat ■Reverse-phase protection relay |
| Net weight | 38 kg | |
| Power cable | 4m | Not included |
| Dimensions(mm) | W440 x D488 x H427 | |
| Operation safety range | 25°C (50%) - 45°C (40%) | |

- 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 power cable.



Made in Japan

Stock in Japan

Three ducts spot cooler

Single phase 220V 50Hz
R407C Refrigerant

For Three People

- SS-56EG2-8B

| Model number | SS-56EG2-8B |
|-------------------------|--------------------------------------|
| Automatic swivel | No |
| Power supply | Single phase 220V |
| Cooling capacity(50Hz) | 5.6 kW / 19000 BTU |
| Power consumption(50Hz) | 2.8 kW |
| Refrigerant | R407C |
| Net weight | 90kg |
| Drain tank capacity | 20 L |
| Power cable and plug | Cable:2m/ Electric plug not included |
| Dimensions(mm) | W 490 x D 600 x H 1120 |
| Operation safety range | 25°C (50%) - 45°C (40%) |

- 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.



Made in China

Stock in China

Spot Cooler Accessories

| | | | | | |
|------------------------|---------------------------|-------------------------|----------------------------|----------------------|-----------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | | | | |
| Standard Cool Air Duct | Standard Exhaust Air Duct | Cool Air Extension Duct | Exhaust Air Extension Duct | Duct Band | Standard Dust Filter |
| 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | |
| Heavy Duty Dust Filter | Oil Mist Filter | Cool Air Duct Elbow | Suspension Hooks | Cool Air Branch Duct | Cool Air Duct Shutter |

| 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 | ø200 x 4m |
| | SS-56 | ø250 x 4m |
| 5 Duct Band | SS-22, SS-40, SS-56 | ø125#, ø175, ø200, ø250 |
| | SS-22 | 575 x 324mm |
| | SS-40 | 800 x 454mm |
| 6 Standard Dust Filter | SS-56 (Large) | 720 x 424mm |
| | SS-56 (Small) | 495 x 282mm |
| | SS-22 | 580 x 500mm |
| | SS-40 | 770 x 480mm |
| 7 Heavy Duty Dust Filter | SS-56 (Large) | 750 x 570mm |
| | SS-56 (Small) | 500 x 330mm |
| | SS-22 | 575 x 324mm |
| | SS-40 | 800 x 454mm |
| 8 Oil Mist Filter | SS-56 (Large) | 717 x 424mm |
| | SS-56 (Small) | 500 x 280mm |
| 9 Cool Air Duct Elbow | SS-22, SS-40, SS-56 | different shape for each model |
| 10 Suspension Hooks | SS-22 | — |
| 11 Cool Air Branch Duct | SS-22EG-8B | e90x2, L 500mm |
| 12 Cool Air Duct Shutter | SS-40, SS-56 | For cool air duct |

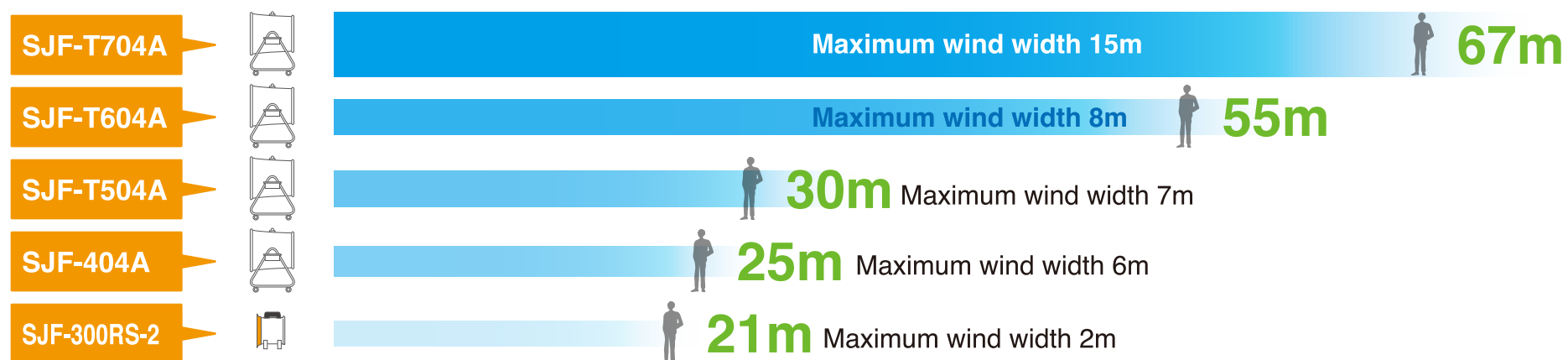
※For cool air extension duct SS-22 does not include SS-22LA-8B.

Factory ventilation

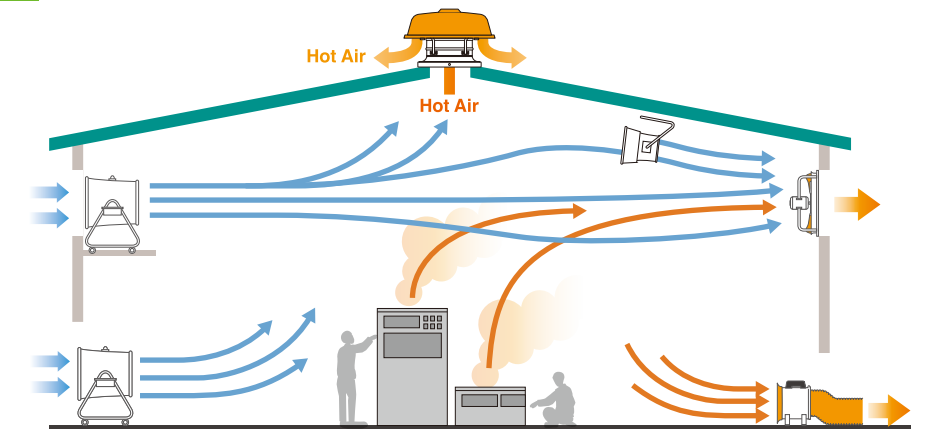


Suiden portable exhaust fans are used in various places and purposes.

Airflow distance(50Hz)



Air flow solutions for factory



Factory ventilation

Portable Exhaust Fans

Standard Models [Powerful and Durable]

- **SJF-200RS** For $\varnothing 230\text{mm}$ ducts
- **SJF-250RS** For $\varnothing 280\text{mm}$ ducts
- **SJF-300RS** For $\varnothing 320\text{mm}$ ducts

- The unit can be attached with flexible duct.
- High performance model with high air volume.

Flexible duct for exhaust fans



- **SJFD-230SP** for SJF-200 Series
- **SJFD-280SP** for SJF-250 Series
- **SJFD-320SP** for SJF-300 Series

| Model number | SJF-200RS-1 | SJF-200RS-2 | SJF-250RS-1 | SJF-250RS-2 | SJF-300RS-1 | SJF-300RS-2 | SJF-300RS-3 | SJF-300RS-2 230V |
|--------------------------|-------------------------------|-------------------|--------------------|-------------------|--------------------|-------------------|-------------------------------|-------------------|
| Power supply | Single phase 100V | Single phase 200V | Single phase 100V | Single phase 200V | Single phase 100V | Single phase 200V | 3 phase 200V | Single phase 230V |
| Power consumption(50Hz) | 170W | 175W | 265W | | 405W | 415W | 380W | 50Hz:425W |
| Rated current(50Hz) | 3.0A | 1.6A | 4.2A | 2.2A | 6.5A | 3.3A | 2.5A | 2.9A |
| Applicable duct diameter | 230mm | | 280mm | | 320mm | | 320mm | |
| Fan blade | Ø200mm / 6 blades | | Ø250mm / 6 blades | | Ø288mm / 4 blades | | Ø288mm / 4 blades | |
| Motor | 250W / 2 poles | | 350W / 2 poles | | 550W / 2 poles | | 550W / 2 poles | |
| Max. air volum(50Hz) | 20m³/min | | 35m³/min | | 50m³/min | | 50Hz:50m³/min | |
| Noise level(50Hz) | 77.5dB | | 83.5dB | | 80dB | | 80dB | |
| Net Weight | 8.0kg | | 9.1kg | | 12.8kg | | 12.8kg | |
| Dimensions (mm) | H300 × W305 × D337 | | H360 × W307 × D393 | | H390 × W332 × D432 | | H390 × W332 × D432 | |
| Protective device | Thermal protector | | | | | | No | Thermal protector |
| | Made in Taiwan Stock in Japan | | | | | | Made in Taiwan Stock in Japan | |

□ Other voltages available on demand.
□ For the air volume data above, it is measured by JIS C9601 measuring method.

Low Energy - Consumption Models [Quiet and Energy - Saving]

- **SJF-200L** For $\varnothing 230\text{mm}$ ducts
- **SJF-250L** For $\varnothing 280\text{mm}$ ducts
- **SJF-300L** For $\varnothing 320\text{mm}$ ducts

- New quiet design. Only emits 71dB, 11% less noise from SJF RS series (SJF-300RS-2).
- Very low energy consumption. 27% less than SJF RS series (SJF-300RS-2).



| Model number | SJF-200L-1 | SJF-200L-2 | SJF-250L-1 | SJF-250L-2 | SJF-300L-1 | SJF-300L-2 | SJF-300L-3 |
|--------------------------|-------------------------------|-------------------|--------------------|-------------------|--------------------|-------------------|--------------|
| Power supply | Single phase 100V | Single phase 200V | Single phase 100V | Single phase 200V | Single phase 100V | Single phase 200V | 3 phase 200V |
| Power consumption(50Hz) | 100W | | 160W | | 345W | | 300W |
| Rated current(50Hz) | 3.0A | 1.6A | 4.2A | 2.2A | 6.5A | 3.3A | 2.5A |
| Applicable duct diameter | 230mm | | 280mm | | 320mm | | |
| Fan blade | ∅200mm / 4 blades | | ∅250mm / 4 blades | | ∅288mm / 4 blades | | |
| Motor | 100W / 2 poles | | 200W / 2 poles | | 400W / 2 poles | | |
| Max. air volum(50Hz) | 17m³/min | | 28m³/min | | 44m³/min | | |
| Noise level(50Hz) | 65dB | | 68.5dB | | 71dB | | |
| Net Weight | 8.7kg | | 10.5kg | | 14.5kg | | |
| Dimensions (mm) | H360 × W382 × D380 | | H390 × W390 × D423 | | H440 × W405 × D470 | | |
| Protective device | Thermal protector | | | | | | No |
| | Made in Taiwan Stock in Japan | | | | | | |

□ Other voltages available on demand.
□ For the air volume data above, it is measured by JIS C9601 measuring method.

For adjusting flexible duct size
Flexible adjuster



This flexible adjuster can be used for intake port of SJF L series.

Large Portable Exhaust Fans

700 / 600 Series

- **SJF-T704A**
- **SJF-T604A**

- Powerful ventilation with air flow that reaches 67m (50Hz).
- New quiet design. Only emits 77dB sound level (50Hz).
- Very low energy consumption. 13% less than previous model (50Hz).
- The air flow angle can be adjustable 90° up and 90° down.

| Model number | SJF-T704A | SJF-T604A |
|-------------------------|--|---------------------------------------|
| Power supply | 3 phase 200V | 3 phase 200V |
| Fan blade | Diameter 700mm Quantity 4 blades | Diameter 600mm Quantity 4 blades |
| Motor | Nominal output 2200W Poles 4 poles | Nominal output 1500W Poles 4 poles |
| Power consumption(50Hz) | 1515W | 870W |
| Rated current(50Hz) | 12A | 8.5A |
| Max. air volum(50Hz) | 723m ³ /min | 500m ³ /min |
| Noise level(50Hz) | 77 dB | 72 dB |
| Net Weight | 107kg | 85kg |
| Power cable | 2.0mm ² ×4 cores 10m (Plug is not included) | |
| Dimensions (mm) | W1161×D755×H1314 | W1066×D755×H1177 |
| | Made in Japan Stock in Japan | |

□ Air flow distance is measured in static pressure 0 Pa condition. In other condition, air flow distance may be minimized.
□ For the air volume data above, it is measured by chamber measuring method.



IE3 high efficiency motor is equipped

500 / 400 Series

- **SJF-T504A**
- **SJF-404A**

- Powerful ventilation with air flow that reaches 25m (SJF-404A 50Hz) and 30m (SJF-T504A 50Hz).
- New quiet design. Only emits 67.5dB sound level (50Hz).
- Very low energy consumption. 22% less than previous model (SJF-T504A 50Hz).
- The air flow angle can be adjustable 90° up and 90° down.

| Model number | SJF-404A | SJF-T504A |
|-------------------------|---|--------------------------------------|
| Power supply | 3 phase 200V | |
| Fan blade | Diameter 400mm Quantity 4 blades | Diameter 500mm Quantity 4 blades |
| Motor | Nominal output 400W Poles 4 poles | Nominal output 750W Poles 4 poles |
| Power consumption(50Hz) | 315W | 325W |
| Rated current(50Hz) | 2.8A | 4.0A |
| Max. air volum(50Hz) | 163m ³ /min | 220m ³ /min |
| Noise level(50Hz) | 67.5 dB | 67.5 dB |
| Net Weight | 35kg | 45kg |
| Power cable | 1.25mm ² ×4 cores 10m (Plug is not included) | |
| Dimensions (mm) | W718×D590×H858 | W846×D645×H1014 |
| | Made in Japan Stock in Japan | |

□ For the air volume data above, it is measured by chamber measuring method.



IE3 high efficiency motor is equipped

※ SJF-404A is not equipped with IE3 high efficiency motor.

LA Series

- **SJF-200LA-1**
- **SJF-300LA-1**
- **SJF-300LA-3**

- Airflow direction adjustable 90° up and 90° down.
- The unit can be hung upon a beam on the roof.
- New quiet design. Only emits 71dB (SJF-300LA-1).

| Model number | SJF-200LA-1 | SJF-300LA-1 | SJF-300LA-3 |
|-------------------------|--|--------------------------------------|--|
| Power supply | Single phase 100V | Single phase 100V | 3 phase 200V |
| Fan blade | Diameter 200mm Quantity 4 blades | Diameter 288mm Quantity 4 blades | Diameter 288mm Quantity 4 blades |
| Motor | Nominal output 100W Poles 2 poles | Nominal output 400W Poles 2 poles | Nominal output 400W Poles 2 poles |
| Power consumption(50Hz) | 100W | 345W | 300W |
| Rated current(50Hz) | 3A | 6.5A | 2.5A |
| Max. air volum(50Hz) | 37m ³ /min | 82m ³ /min | 82m ³ /min |
| Noise level(50Hz) | 65 dB | 71 dB | 71 dB |
| Net Weight | 10.2kg | 15.3kg | 15.3kg |
| Power cable | 0.75mm ² ×3 cores 2m (Japanese Type A plug is equipped) | | 1.25mm ² ×4 cores 2m (Plug is not included) |
| Dimensions (mm) | W416×D409×H478 | W512×D475×H572 | W512×D475×H572 |
| | Made in Taiwan Stock in Japan | | |

□ For the air volume data above, it is measured by chamber measuring method.



Factory ventilation

Roof-top ventilation fan

Standard models

● Mark is models with IE3 high efficiency motor

■ SRF-R40F
■ SRF-R50F
■ SRF-R60F
■ SRF-R75F
■ SRF-R90F

- Suiden roof-top ventilation fans are designed with bell mouthed shape to minimize the air outlet noise service, we propose the most suitable Suiden product to your working environment.
- Ultra-light corrosion resistant FRP dome: The dome made of corrosion resistant FRP material is ideal for protecting the ventilation fan from wind and rain that it is exposed to on the rooftop. The dome is also very light and durable, and can withstand strong wind.
- Rain proof: The fan body utilizes outwards edges, blocking any rainwater brought in by the wind that is not blocked by the dome.

| Model | Fan blade size (mm) | Voltage (V) | Motor | | Rated current (A)(50/60Hz) | Max. air volume (m/min)(50/60Hz) | Noise level (dB)(50/60Hz) | Net weight (kg) |
|------------|---------------------|-------------|--------------------|----------|----------------------------|----------------------------------|---------------------------|-----------------|
| | | | Nominal output (W) | Poles(P) | | | | |
| SRF-R40F | 400 | 3phase200 | 200 | 4 | 1.5/1.5 | 62/69 | 65/68 | 27 |
| SRF-R50F | 500 | 3phase200 | 400 | 6 | 2.5/2.4 | 110/121 | 61/64 | 39.5 |
| SRF-R60F ● | 600 | 3phase200 | 750 | 6 | 4.7/5.0 | 133/155 | 62.5/67.5 | 62.5 |
| SRF-R75F ● | 735 | 3phase200 | 1500 | 6 | 8.0/11.5 | 216/250 | 71.5/75.5 | 86.5 |
| SRF-R90F ● | 890 | 3phase200 | 2200 | 6 | 14.0/14.5 | 345/395 | 76.5/82 | 150 |

Made in Japan Stock in Japan
□Max air volumes are measured in static pressure 0 Pa condition □Noise levels are measured at 1.5m from air outlet
□Rated currents are coordinated as roof-top ventilation fan so rated currents may differ from the name plate on motors.



Low noise models

■ SRF-R40FL
■ SRF-R50FL
■ SRF-R60FL
■ SRF-R75FL
■ SRF-R90FL

- Suiden roof-top ventilation fans are designed with bell mouthed shape to prevent them from producing "BB" noise due to vibration of the fan air inlet mouth. These roof fans are extra quiet, hence suitable for facilities that require low noise levels.
- The dome made of corrosion resistant FRP material is ideal for protecting the ventilation fan from wind and rain that it is exposed to on the rooftop.
- The fan body utilizes outwards edges, blocking any rainwater brought in by the wind that is not blocked by the dome.

| Model | Fan blade size (mm) | Voltage (V) | Motor | | Rated current (A)(50/60Hz) | Max. air volume (m/min)(50/60Hz) | Noise level (dB)(50/60Hz) | Net weight (kg) |
|------------|---------------------|-------------|--------------------|----------|----------------------------|----------------------------------|---------------------------|-----------------|
| | | | Nominal output (W) | Poles(P) | | | | |
| SRF-R40FL | 400 | 100 | 150 | 4 | 1.4/1.9 | 42/49 | 55/56 | 27 |
| SRF-R50FL | 500 | 3phase200 | 200 | 8 | 1.5/1.3 | 79/89 | 53/57 | 40 |
| SRF-R60FL | 600 | 3phase200 | 400 | 8 | 2.9/2.9 | 92/105 | 56/58 | 57 |
| SRF-R75FL2 | 735 | 3phase200 | 750 | 8 | 4.9/6.1 | 200/233 | 62/65 | 89 |
| SRF-R90FL2 | 890 | 3phase200 | 1500 | 8 | 8.2/7.2 | 268/296 | 69/73 | 131 |

Made in Japan Make to order
□Max air volumes are measured in static pressure 0 Pa condition □Noise levels are measured at 1.5m from air outlet
□Rated currents are coordinated as roof-top ventilation fan so rated currents may differ from the name plate on motors.

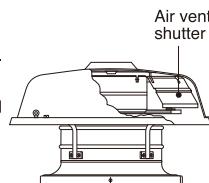


Air vent shutter models [Make to order models]

● Mark is models with IE3 high efficiency motor

■ SRF-R40FE
■ SRF-R50FE
■ SRF-R60FE
■ SRF-R75FE
■ SRF-R90FE

- These Suiden roof fans are equipped with inner fan shutters that automatically close when the ventilation fan stops working. This ensures that no rain or wind can get in when the fan is not in operation.
- The dome made of corrosion resistant FRP material is ideal for protecting the ventilation fan from wind and rain that it is exposed to on the rooftop. The dome is also very light and durable, and can withstand strong wind.
- Suiden roof-top ventilation fans are designed with bell mouthed shape to prevent them from producing "BB" noise due to vibration of the fan air inlet mouth.



| Model | Fan blade size (mm) | Voltage (V) | Motor | | Rated current (A)(50/60Hz) | Max. air volume (m/min)(50/60Hz) | Noise level (dB)(50/60Hz) | Net weight (kg) |
|-------------|---------------------|-------------|--------------------|----------|----------------------------|----------------------------------|---------------------------|-----------------|
| | | | Nominal output (W) | Poles(P) | | | | |
| SRF-R40FE | 400 | 3phase200 | 200 | 4 | 1.5/1.5 | 62/69 | 65/68 | 31.5 |
| SRF-R50FE | 500 | 3phase200 | 400 | 6 | 2.5/2.4 | 110/121 | 61/64 | 46 |
| SRF-R60FE ● | 600 | 3phase200 | 750 | 6 | 4.7/5.0 | 133/155 | 62.5/67.5 | 70 |
| SRF-R75FE ● | 735 | 3phase200 | 1500 | 6 | 8.0/11.5 | 216/250 | 71.5/75.5 | 97.5 |
| SRF-R90FE ● | 890 | 3phase200 | 2200 | 6 | 14.0/14.5 | 345/395 | 76.5/82 | 162.5 |

Made in Japan Make to order
□Max air volumes are measured in static pressure 0 Pa condition □Noise levels are measured at 1.5m from air outlet
□Rated currents are coordinated as roof-top ventilation fan so rated currents may differ from the name plate on motors.



Natural ventilation models [Make to order models]

■ SRF-R40FN
■ SRF-R50FN
■ SRF-R60FN
■ SRF-R75FN
■ SRF-R90FN

- This natural ventilation model with rain protection allows air out quietly as it is not equipped with fan or motor.
- The dome made of corrosion resistant FRP material is ideal for protecting the ventilation outlet from wind and rain that it is exposed to on the rooftop. The dome is also very light and durable, and can withstand strong wind.
- These Suiden roof ventilation outlets utilize the same body as Suiden roof fans, and can be equipped with fans at any time when required, without having to change the main body.

| Model | Body size | Net weight (kg) |
|-----------|-----------|-----------------|
| SRF-R40FN | 400 type | 19 |
| SRF-R50FN | 500 type | 25.5 |
| SRF-R60FN | 600 type | 34 |
| SRF-R75FN | 750 type | 49 |
| SRF-R90FN | 900 type | 76.5 |

Made in Japan Make to order
□For natural ventilation models, the units can be attached with motor and fan blade after the units are installed on the roof top.



Wall type ventilation fans

Standard models [single phase 100V models]

■ SCF-25DA1
■ SCF-30DB1
■ SCF-35DC1
■ SCF-40DD1
■ SCF-N50DE1

- With Suiden pressure wall fans you can ventilate large as well as small facilities, and they are very effective against gases that are usually difficult to ventilate.
- Depending on your needs you can choose the size of the pressure wall fans. Fans in the standard series are available in a wide range of sizes, all the way from mere 25cm fans for smaller spaces, up until 90cm large powerful fans for larger facilities with tough ventilation needs.

| Model | Fan blade size (mm) | Motor | | Max. air volume (m/min)(50/60Hz) | Noise level (dB)(50/60Hz) | Plug | Net weight (kg) |
|------------|---------------------|--------------------|----------|----------------------------------|---------------------------|------|-----------------|
| | | Nominal output (W) | Poles(P) | | | | |
| SCF-25DA1 | 250 | 30 | 4 | 18/21 | 44/46.5 | Yes | 6 |
| SCF-30DB1 | 300 | 60 | 4 | 25/28 | 46/48.5 | Yes | 7.5 |
| SCF-35DC1 | 350 | 100 | 4 | 37/42 | 49/52.5 | Yes | 10 |
| SCF-40DD1 | 400 | 150 | 4 | 49/55 | 53.5/56.5 | Yes | 11.5 |
| SCF-N50DE1 | 500 | 250 | 4 | 75/87 | 62/67 | Yes | 17.5 |

Made in Japan Stock in Japan
□Max air volumes are measured in static pressure 0 Pa condition □Noise levels are measured at 1.5m from air outlet
□100V models are equipped with thermal protector



SCF-40DD1

Standard models [3phase 200V models]

● Mark is models with IE3 high efficiency motor

■ SCF-40DD3
■ SCF-N50FF3
■ SCF-T60FG3
■ SCF-T75FH3
■ SCF-T90FI3

- With Suiden pressure wall fans you can ventilate large as well as small facilities, and they are very effective against gases that are usually difficult to ventilate.
- Depending on your needs you can choose the size of the pressure wall fans. Fans in the standard series are available in a wide range of sizes, all the way from mere 25cm fans for smaller spaces, up until 90cm large powerful fans for larger facilities with tough ventilation needs.

| Model | Fan blade size (mm) | Motor | | Rated current (A) (50/60Hz) | Max. air volume (m/min)(50/60Hz) | Noise level (dB)(50/60Hz) | Plug | Net weight (kg) |
|--------------|---------------------|--------------------|----------|-----------------------------|----------------------------------|---------------------------|------|-----------------|
| | | Nominal output (W) | Poles(P) | | | | | |
| SCF-40DD3 | 400 | 200 | 4 | 1.4/1.4 | 61/72 | 59.5/64 | No | 11 |
| SCF-N50FF3 | 500 | 400 | 6 | 2.2/2.4 | 98/114 | 61/64 | No | 20 |
| SCF-T60FG3 ● | 600 | 750 | 6 | 5.0/5.5 | 139/162 | 61.5/67 | No | 37 |
| SCF-T75FH3 ● | 735 | 1500 | 6 | 9.0/12.5 | 269/310 | 69.5/74.5 | No | 56 |
| SCF-T90FI3 ● | 890 | 2200 | 6 | 14.0/14.5 | 340/390 | 74.5/78.5 | No | 91.5 |

Made in Japan Stock in Japan
□Max air volumes are measured in static pressure 0 Pa condition
□Noise levels are measured at 1.5m from air outlet



SCF-T75FH3

Three speed models [Single phase 100V models]

□SCF50DE2-T is single phase 200V

■ SCF-25DA1-T
■ SCF-30DB1-T
■ SCF-35DC1-T
■ SCF-40DD1-T

■ SCF-N50DE1-T
■ SCF-N50DE2-T

- These wall fan models have a three speed switch, giving you the possibility to adjust the air volume according to need, weather, time etc.
- Pressure wall fans in the three speed series are available in 6 sizes from 25cm to 50cm to fit your specific need.

| Model | Fan blade size (mm) | Motor | | Max. air volume (m/min)(50/60Hz) | Noise level (dB)(50/60Hz) | Plug | Net weight (kg) |
|--------------|---------------------|--------------------|----------|----------------------------------|---------------------------|------|-----------------|
| | | Nominal output (W) | Poles(P) | | | | |
| SCF-25DA1-T | 250 | 30 | 4 | 18/21 | 44/46.5 | Yes | 6.5 |
| SCF-30DB1-T | 300 | 60 | 4 | 25/28 | 46/48.5 | Yes | 8 |
| SCF-35DC1-T | 350 | 100 | 4 | 37/42 | 49/52.5 | Yes | 10.5 |
| SCF-40DD1-T | 400 | 150 | 4 | 49/55 | 53.5/56.5 | Yes | 12 |
| SCF-N50DE1-T | 500 | 250 | 4 | 75/87 | 62/67 | Yes | 19 |
| SCF-N50DE2-T | 500 | 250 | 4 | 75/87 | 62/67 | No | 19 |

Made in Japan Stock in Japan
□Max air volumes are measured in static pressure 0 Pa condition □Noise levels are measured at 1.5m from air outlet
□100V models are equipped with thermal protector

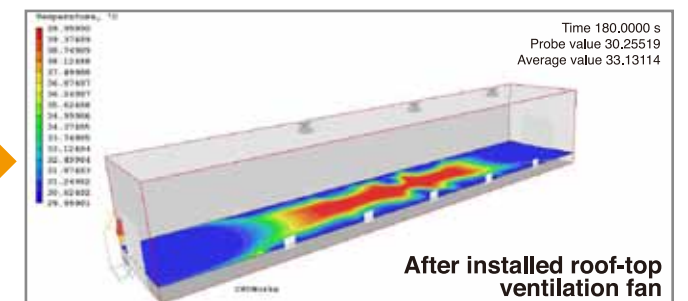
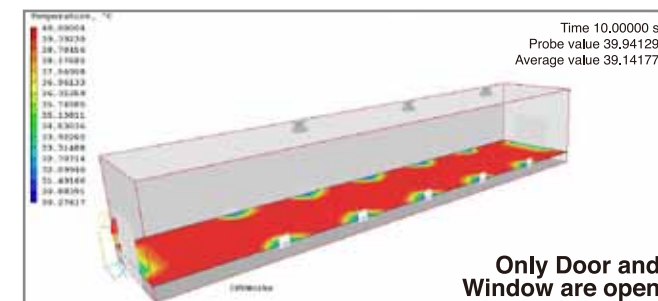


Three speed remote controller

SCF-40DD1-T

Thermal fluid simulation Visualization of air flow, pressure and temperature

We introduce thermal fluid simulation service to our customers. This service visualizes the actual condition with products effects, answering customer's questions such as following.「How many temperature can be dropped?」「How effective is it to discharge gas inside by Suiden product?」. With this service, we propose the most suitable Suiden product to your working environment.



Vacuum Cleaner



Suiden vacuum cleaners are used in various places and purposes

Almighty type

Almighty type can vacuum general dust, oil and metal without changing the filter.

Dust Water Oil Metal swarf



Dry and wet type

Dry and wet type can vacuum general dust and water. Some model can vacuum oil.

Dust Water Oil



Clean room type

Clean room type can be used for such places as clean room, computer room and research laboratory to vacuum fine dust.

Fine dust



Fine dust type

Fine dust type is attached with the dust and powder filter, suitable for fine dust and powder.

Fine dust Powder



Sweeper type

No power source required. Large space can be cleaned by only pushing forward.

Dust



Dry and wet type

Dry and wet type can vacuum general dust and water.

Dust Water



Vacuum Cleaner

SGV-110 Series

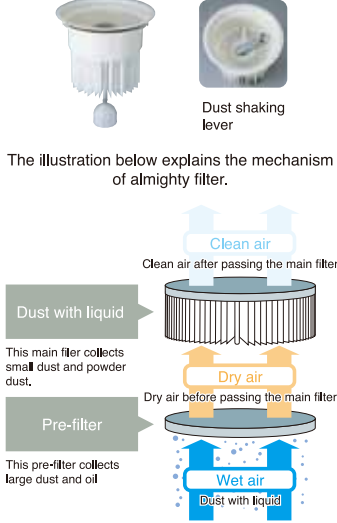
Wet/Dry/Oil/Metal-Swarf

- One vacuum cleaner for all your cleaning needs. It can be 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 DS-filter is suitable for cleaning material that generates static electricity and the DR-filter is suitable for paper dust, glass dust and FRP.



Accessory
A

Almighty filter



| Model number | | SGV-110A | SGV-110AL | SGV-110ALN | SGV-110A-PC | SGV-110A-PC 230V |
|------------------------------|----------|--|------------------------|------------------------|-----------------------|------------------------------|
| Power supply | | Single phase 100V 50/60Hz (Other voltages available on demand) | | | | Single phase 230V 50Hz |
| Max vacuum pressure | | 30.0kPa | | | | 30.0kPa |
| Suction air volume | | 2.6m³/min | | | | 2.6m³/min |
| Power consumption | | 1100W | | | | 1100W |
| Tank capacity | | Dust: 22L/ Liquids 16L | Dust: 44L/ Liquids 37L | Dust: 44L/ Liquids 37L | Dust: 12L/ Liquids 8L | 12L/ Liquids 8L |
| Drain hose | | No | No | Yes | No | No |
| Net Weight | | 20.5kg | 23.0kg | 23.5kg | 14.5kg | 13.0kg |
| Hose | Diameter | 38mm | | | | 38mm |
| | Length | 2m | | | | 1.8m |
| Power cable | | 8m | | | | 8m |
| Dimensions(mm) | | W474xD520 xH764 | W474xD600 xH963 | W474xD600 xH963 | W336xD336 xH682 | W336xD336xH682 |
| Made in Japan Stock in Japan | | | | | | Made in Japan Stock in Japan |

SV-2001EG-8A

Wet/Dry/Oil/Metal-Swarf

- 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.

| Model number | | SV-2001EG-8A |
|---------------------|----------|---------------------------------|
| Power supply | | Single phase 220V 50Hz |
| Max vacuum pressure | | 21.0kPa |
| Suction air volume | | 4.8m³/min |
| Power consumption | | 2200W |
| Tank capacity | | Dust 40L/ Liquids 35L |
| Net Weight | | 51.0kg |
| Hose | Diameter | 50mm |
| | Length | 3m |
| Power cable | | 20m |
| Dimensions(mm) | | W580xD825xH890 |
| | | Made in China Stock in China |

Just pull the lever to release the tank



Accessory
D

Almighty Vacuum Cleaners

SSV Series

Wet/Dry/Oil/Metal-Swarf

- Very powerful and durable. Can be in operation 24 hours a day. Suitable to be used as a dust collector.
- 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 |
|------------------------------|---|-----------------------|-----------------------|
| Power supply | 3 phase 200V 50/60Hz (Other voltages available on demand) | | |
| Max vacuum pressure(50Hz) | 12.0kPa | 16.0kPa | 18.5kPa |
| Suction air volume (50Hz) | 1.8m³/min | 3.0m³/min | 4.5m³/min |
| Power consumption(50Hz) | 0.8kW | 1.5kW | 2.4kW |
| Rated current (50Hz) | 3.0A | 5.5A | 8.2A |
| Tank capacity | Dust 30L/ Liquids 30L | Dust 36L/ Liquids 36L | Dust 36L/ Liquids 36L |
| Net Weight | 61.5kg | 107.0kg | 119.0kg |
| Hose | Diameter | 38mm | 50mm |
| | Length | 2m | 3m |
| Power cable | 10m/Electric plug is not included | | |
| Dimensions(mm) | W450×D805×H750 | W515×D1045×H910 | W515×D1045×H910 |
| Made in Japan Stock in Japan | | | |

Almighty Vacuum Cleaners



Accessory
A or D

SGV-110 Series

Dry only

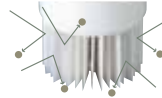
- DP-filter dust and powder. Filter out even the finest dust (≥2 microns) down to 99.99%.

| Model number | SGV-110DP | SGV-110DPL | SGV-110DP-PC | SGV-110DP-PC 230V |
|------------------------------|--|-----------------|----------------|------------------------------|
| Power supply | Single phase 100V (Other voltages available on demand) | | | single phase 230V 50Hz |
| Max vacuum pressure | 30.0kPa | | | 30.0kPa |
| Suction air volume | 2.5m³/min | | | 2.5m³/min |
| Power consumption | 1100W | | | 1100W |
| Rated current | 11.5A | | | 11.5A |
| Tank capacity | Dust: 22L | Dust: 44L | Dust: 12L | Dust: 12L |
| Net Weight | 20.5kg | 23.0kg | 14.5kg | 14.5kg |
| Hose | Diameter | 38mm | 38mm | |
| | Length | 2m | 2m | |
| Power cable | 8m | | | 8m |
| Dimensions(mm) | W474×D520 ×H764 | W474×D600 ×H963 | W336×D336×H682 | W336 D336 H682 |
| Made in Japan Stock in Japan | | | | Made in Japan Stock in Japan |



Accessory
C

- Dust and powder (DP) filter
DP-filter collects dust particles down to 2 micron down to 99.99%
This DP filter is proceed by Teflon coating on the surface as to prevent clogging (An illustration on the right).



SCV-110DP

Dry only

- Suiden double filtration clean room vacuum cleaner is an indispensable cleaning tool that ensures that your clean room remains particles free.
- This clean room vacuum cleaner applies fine dust and powder filter (DP filter) and the ULPA-filter, that filters dust particles down to 0.1micron to 99.99%(Compare HEPA-filter:≥0.3μm to 99.97%). The DP-filter allows you to clean large amount of dust and powder, and the ULPS-filter on the exhaust side makes sure that no particles escape back into the air.

| Model number | SCV-110DP | SCV-110DP-8A |
|------------------------------|-------------------|------------------------------|
| Power supply | Single phase 100V | Single phase 220V |
| Max vacuum pressure | 22.0kPa | 22.0kPa |
| Suction air volume | 2.5m³/min | 2.5m³/min |
| Power consumption | 1150W | 1150W |
| Rated current | 11.5A | 5.5A |
| Tank capacity | Dust: 12L | Dust: 12L |
| Net Weight | 16.0 kg | 16.0 kg |
| Hose | Diameter | 38mm |
| | Length | 2m |
| Power cable | 8m | 8m |
| Dimensions(mm) | W340×D366 ×H697 | W340×D366 ×H697 |
| Made in Japan Stock in Japan | | Made in China Stock in China |

Double filtration

- ULPA Filter
ULPA-filter collects dust particles down to 0.1micron to 99.99%



- Dust and powder (DP) filter
DP-filter collects dust particles down to 2 micron down to 99.99%



Accessory
E

Vacuum Cleaner

SAC-101

Wet/Dry

- It powered with compressed air and hence does 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. It can be used many hours.
- Easy maintenance with a pail tank body.
- Use it with a compressor that provides over 0.5MPa and 500L/min air consumption volume.

| Model number | | SAC-101 |
|---------------------|----------|---------------------------------|
| Power supply | | Compressed air |
| Max vacuum pressure | | 27.5kPa |
| Suction air volume | | 1.7m³/min |
| Tank capacity | | Dust: 16L/ Liquids 13L |
| Net Weight | | 9.5 kg |
| Hose | Diameter | 38mm |
| | Length | 2m |
| Dimensions(mm) | | W352xD370xH618 |
| | | Made in Japan Stock in Japan |

Pneumatic Vacuum Cleaner



Accessory
C

SPSV series

Wet/Dry/ Oil-mixed Metal Swarf

- 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-1102 | SPSV-110L | SPSV-110-8A | SPSV-110L-8A |
|---------------------|----------|-----------------------|------------------------|-----------------------|------------------------|
| Power supply | | Single phase 100V | Single phase 100V | Single phase 220V | Single phase 220V |
| Max vacuum pressure | | 23.0kPa | 23.0kPa | 23.0kPa | 23.0kPa |
| Suction air volume | | 2.7m³/min | 2.7m³/min | 2.7m³/min | 2.7m³/min |
| Power consumption | | 1100W | 1100W | 1100W | 1100W |
| Rated current | | 11.5A | 11.5A | 5.5A | 5.5A |
| Tank capacity | | Dust: 10L/ Liquids 7L | Dust: 22L/ Liquids 20L | Dust: 10L/ Liquids 7L | Dust: 22L/ Liquids 20L |
| Net Weight | | 14kg | 16kg | 14kg | 16kg |
| Hose | Diameter | 38mm | 38mm | 38mm | 38mm |
| | Length | 2m | 2m | 2m | 2m |
| Power cable | | 8m | 8m | 8m | 8m |
| Dimensions(mm) | | W370×D410×H580 | W400×D420 ×H780 | W370×D410×H580 | W400×D420 ×H780 |
| Made in Japan | | Stock in Japan | | Made in China | Stock in China |



Accessory
F

SAV-110 Series

Wet/Dry

- 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 casting, the unit itself only weighs 7kg.

| Model number | SAV-110R | SAV-110R-8A |
|-------------------------------|------------------------|-------------------------------|
| Suitable for cleaning | Dust and liquids | Dust and liquids |
| Power supply | Single phase 100V | Single phase 220V |
| Max vacuum pressure | 23.0kPa | 23.0kPa |
| Suction air volume | 2.6m ³ /min | 2.6m ³ /min |
| Power consumption | 1100W | 1100W |
| Rated current | 11.5A | 5.5A |
| Tank capacity | Dust: 8L/ Liquids 6.5L | Dust: 8L/ Liquids 6.5L |
| Net Weight | 8.2kg | 8.2kg |
| Hose | Diameter | 32mm |
| | Length | 1.8m |
| Power cable | 8m | 8m |
| Dimensions(mm) | W340xD360 xH485 | W340xD360 xH485 |
| Made in China, Stock in Japan | | Made in China, Stock in China |



Accessory
E

YUSO Sweeper

Dry only

- 100% mechanical walk-behind sweeper. No external power source needed.
- You can sweep over 2km² 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 semi-transparent dust tank 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 number | ST-651 | ST-651-A |
|------------------------------|--|--|
| Power source | Driven by being pushing forward | Driven by being pushing forward |
| Sweeping capacity (Area) | 2275m ² /h at 3.5km/h walking speed | 2275m ² /h at 3.5km/h walking speed |
| Dust box volume(Effective) | 7L | 7L |
| Dimensions(mm) | W780xD1270xH960 | W780xD1270xH960 |
| Net weight | 21kg | 21kg |
| Made in China Stock in Japan | | Made in China Stock in China |

Walk-Behind Mechanical Sweeper



※Before storage the unit, please discard dust in the dust box.

YUSO Forklift Sweeper

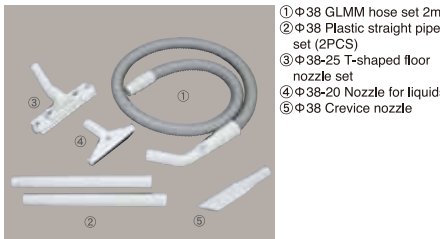
Dry only

- 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.

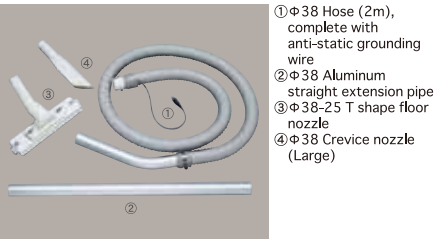
| Model number | ST-1501DC |
|--------------------------------------|---|
| Power source | Driven by forward motion of the forklift |
| Sweeping capacity (Area) | 7500m ² /h at driving speed of 5km/h |
| Dust filter | Dust collecting filter with filter shaker handle |
| Dust box volume | 20L |
| Dimensions(mm) | W1500xD1180xH690 |
| Net weight | 130kg |
| Suitable forklift types | Maximum outer fork width: 276mm (Forklifts in the 0.75-2 ton class) |
| Made in China Stock in China & Japan | |



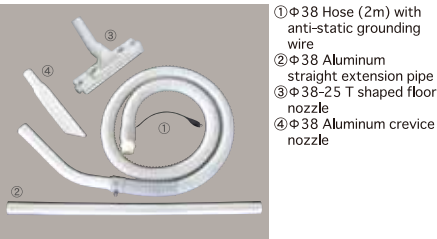
Accessory A



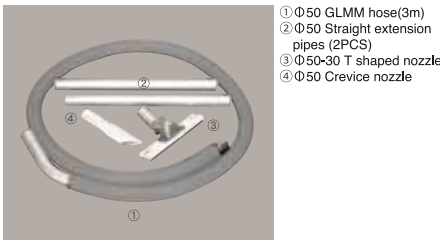
Accessory B



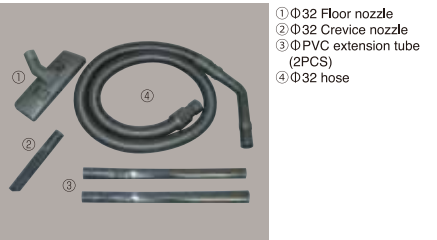
Accessory C



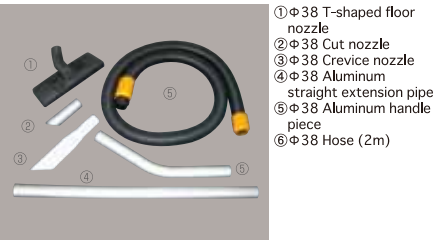
Accessory D



Accessory E



Accessory F



Hot Air Dryer



F-Series Hot air dryers

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

| Model number | SHD-1.3FII | SHD-2FII | SHD-4FII | SHD-6FII | SHD-9FII | SHD-15FIII |
|---|---------------------------------|-------------------|----------------|--------------|----------------|----------------|
| Power supply | Single phase 100V | Single phase 200V | 3 phase 200V | 3 phase 200V | 3 phase 200V | 3 phase 200V |
| Power consumption(50Hz) | 1.4kW | 2.1kW | 4.1kW | 6.1kW | 9.1kW | 15.4kW |
| Temperature control system | PID controller | | | | | |
| Output temperature range (when hot output air is reused for input air) | Room temperature~350℃ | | | | | |
| Max. output temperature (when input temperature=room temperature) | 200℃ | | 300℃ | 350℃ | | |
| Max. air volum(50Hz) | 1.7m³/min | | 3.7m³/min | | 5.0m³/min | 8.0m³/min |
| Air flow adjustment method | Damper in the fan unit air vent | | | | | |
| Applicable duct diameter (Hot air output/Air intake) | Φ50mm/Φ75mm | Φ50mm/Φ75mm | Φ50mm/Φ100mm | Φ50mm/Φ100mm | Φ100mm/Φ100mm | Φ100mm/Φ100mm |
| Air intake vent max. temperature | 200℃ | | | | | |
| External dimensions (mm) | W524xD344xH469 | | W578xD359xH522 | | W612xD364xH522 | W922xD418xH545 |
| Net weight | 26kg | | 33kg | | 35kg | 58kg |
| Electrical cable | Not included | | | | | |
| | Made in Japan Stock in Japan | | | | | |



SHD-G series

The model with no display can be manufactured and provided.

J-Series Hot air dryers

- Inverter control type, controlling air volume by frequency from 30Hz~60Hz.
- Automatic operation function enable to control temperature by air volume (30Hz~60Hz).
- Temperature regulation and other functions are made very easy with a touch screen digital display.
- Suiden hot air dryers are equipped with state of the art overheat prevention devices, guaranteeing safe operation.

| Model number | SHD-5J | SHD-7.5J | SHD-10J | SHD-15J |
|---|----------------------------------|--|----------------|----------------|
| Power supply | 3 phase 200V | 3 phase 200V(Other voltages available on demand) | | |
| Power consumption(50Hz) | 5.1W | 7.6kW | 10.3kW | 15.5kW |
| Temperature control system | PID controller | | | |
| Output temperature range (when hot output air is reused for input air) | Room temperature~350℃ | | | |
| Max. output temperature (when input temperature=room temperature) | 350℃ | | | |
| Max. air volume(50Hz) | 5.7m³/min | | 9.0m³/min | 12.0m³/min |
| Air flow adjustment method | Inverter 30Hz to 60Hz and damper | | | |
| Applicable duct diameter(Hot air output/Air intake) | Φ75mm/Φ75mm | | Φ100mm/Φ100mm | Φ125mm/Φ125mm |
| Air intake vent max. temperature | 200℃ | | | |
| External dimensions (mm) | W670×D368×H514 | | W719×D396×H514 | W913×D452×H553 |
| Net weight | 36kg | 38kg | 41kg | 57kg |
| Electrical cable | Not included | | | |
| | Made in Japan Stock in Japan | | | |

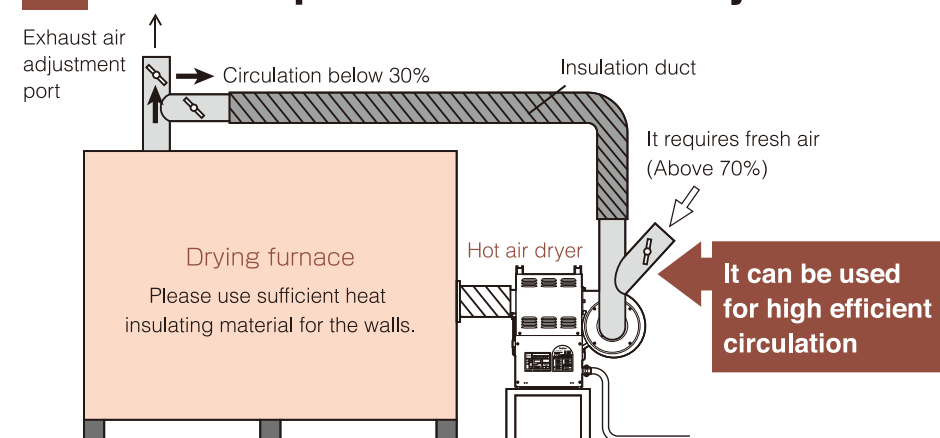


Suiden Hot air dryers are used in various places and purposes

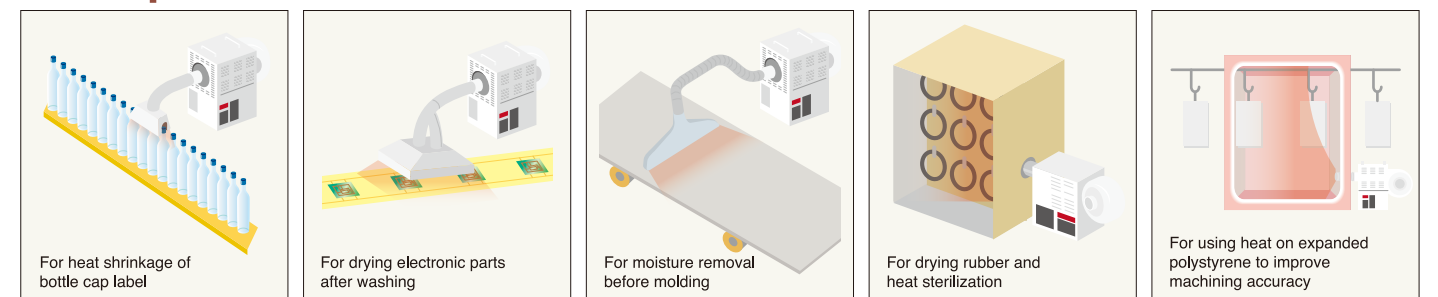
Mechanism of Suiden Hot air dryer

Suiden hot air dryer is electric heating that gives completely clean hot air, suitable for drying food and other hygienically sensitive products.

An example use of hot air dryer



Examples of use



Dust Collector

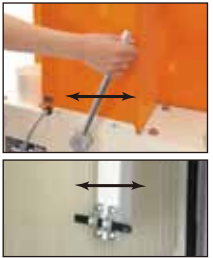


CS-Series Dust collectors

IE3 high efficiency motor is equipped

● 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.

| Model number | SDC-750CS3-5 | SDC-1500CS3-5 | SDC-2200CS3-5 | SDC-3700CS3-5 |
|------------------------------------|--|---------------------------|-------------------------------------|-------------------------------------|
| Horse power | 1 horse power | 2 horse power | 3 horse power | 5 horse power |
| Power supply | 3 phase 200V 50Hz (Other voltages available on demand) | | | |
| Motor output | 0.75kW/2P | 1.5kW/2P | 2.2kW/2P | 3.7kW/2P |
| Horse powers | 1hp | 2hp | 3hp | 5hp |
| Average suction air flow(50Hz) | 10m ³ /min | 15m ³ /min | 30m ³ /min | 40m ³ /min |
| Static pressure (50Hz) | 1.22kPa | 1.45kPa | 2.10kPa | 2.10kPa |
| Suction vent diameter | 123mm | 148mm | 198mm | 248mm |
| Cassette filter | Area | 4m ² | 8m ² | 20m ² |
| | Quantity | 2m ² ×2 pieces | 2m ² ×4 pieces | 4m ² ×5 pieces |
| Dust tank capacity | 25L | 25L | 37L | 46L |
| Net weight | 111kg | 124kg | 189kg | 259kg |
| Power cable (Plug is not included) | VCTF 1.25mm ² ×4 cores 2m | | VCTF 2.0mm ² ×4 cores 2m | VCTF 3.5mm ² ×4 cores 2m |
| Dimensions(mm) | W686×D660×H1389 | W686×D660×H1389 | W815×D786×H1765 | W985×D917×H1925 |
| Made in Japan Stock in Japan | | | | |



- Pull the lever to shake the dust off the filters
- Four possible duct attachment points
- Easy to access and change cassette filter

L-BP series

IE3 high efficiency motor is equipped

| Model number | | SDC-L1500BP3-5 | | | SDC-L2200BP3-5 | | | SDC-L3700BP3-5 | | | SDC-L5500BP3-5 | | | SDC-L7500BP3-5 | | | |
|---|--------|--|-----------|------|---------------------------------|----------|------|-----------------------------------|----------|------|----------------------------------|-----------|------|--------------------------------|-----------|------|------|
| Horse power | | 2 horse power | | | 3 horse power | | | 5 horse power | | | 7.5 horse power | | | 10 horse power | | | |
| Power supply | | 3 phase 200V 50/60Hz | | | | | | | | | | | | | | | |
| Motor output | | 1.5kW 2P | | | 2.2kW 2P | | | 3.7kW 2P | | | 5.5kW 2P | | | 7.5kW 2P | | | |
| Average suction air flow (50Hz)/m ³ /min | | 10 | 20 | 22 | 15 | 30 | 33 | 20 | 40 | 50 | 30 | 60 | 80 | 40 | 80 | 100 | |
| Static pressure (kPa) | (50Hz) | Fan alone | 2.82 | 2.58 | 2.52 | 2.90 | 2.67 | 2.54 | 3.05 | 2.85 | 2.50 | 2.77 | 2.67 | 2.48 | 2.79 | 2.75 | 2.65 |
| | | Unit | 2.64 | 1.88 | 1.70 | 2.72 | 1.97 | 1.71 | 2.89 | 2.20 | 1.52 | 2.59 | 1.97 | 1.28 | 2.61 | 2.05 | 1.65 |
| Cassette filter | | Material | Polyester | | | | | | | | | | | | | | |
| | | Area | 14㎡ | | | 21㎡ | | | 31㎡ | | | 41㎡ | | | 54㎡ | | |
| | | Quantity | 4 pieces | | | 6 pieces | | | 9 pieces | | | 12 pieces | | | 16 pieces | | |
| Compressed air outlet | | Vent diameter PT1/4" | | | | | | | | | | | | | | | |
| Average air consumption (N,T,P) | | 8L / min | | | 12L / min | | | 18L / min | | | 24L / min | | | 30L / min | | | |
| Dust tank capacity | | 14L×1 pieces | | | 17L×2 pieces | | | 17L×3 pieces | | | 17L×4 pieces | | | 17L×4 pieces | | | |
| Suction vent diameter(Φmm) | | Φ148 | | | Φ198 | | | Φ248 | | | Φ298 | | | Φ298 | | | |
| Suction vent height | | 630mm | | | 635mm | | | 615mm | | | 584.5mm | | | 586mm | | | |
| Power cable (Plug is not included) | | VCT4poles 2mm ² ×3m | | | VCT 4poles 2mm ² ×3m | | | VCT 4poles 3.5mm ² ×3m | | | VCT4poles 5.5mm ² ×3m | | | VCT4poles 8mm ² ×3m | | | |
| Rated current | | 20A | | | 30A | | | 50A | | | 75A | | | 75A | | | |
| Dimensions (W×D×H) | | 650×650×1605mm | | | 770×770×1605mm | | | 900×850×1705mm | | | 1200×900×1874.5mm | | | 1600×900×1906mm | | | |
| Net weight | | 167kg | | | 234kg | | | 312kg | | | 426kg | | | 519kg | | | |
| Accessories | | Suction vent flange / Filter regulator / Power cable | | | | | | | | | | | | | | | |
| | | Made in Japan Stock in Japan | | | | | | | | | | | | | | | |

● A pulse jet cleaning system is equipped to this L-BP series. This pulse jet cleaning is driven by compressed air and it constantly blows dust on the dust filters from inside so all the filters remain clean, contributing to dust collecting performance after all.

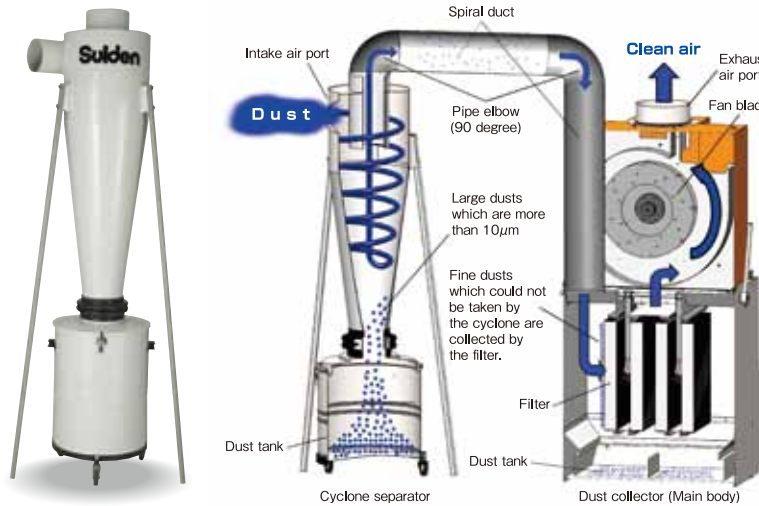


Suiden dust collectors are used in various places and purposes

Cyclone separators- For even more effective dust collection

The dust collector cyclone separators installed prior to the dust collector unit filters by extracting all the larger dust particles before they reach the actual dust collector. Large particles of wood, glass, metal etc. Bump against the wall of dust tank, leaving only the smallest particles to continue to the dust collector unit. This two steps system requires much less filter maintenance and the frequency of dust disposal can be less often.

SDCC-75 / 150 / 220 / 370



Compact series Dust collectors

| Model number | | SDC-L400-1V-5 | | | SDC-L400-1V-6 | | | SDC-L400-2V-5 | | | SDC-L400-2V-6 | | |
|---|---------------|--|------|------|---------------|-----|------|---|-----|------|---------------|-----|------|
| Horse powers | | 0.5 horse power | | | | | | | | | | | |
| Power supply | | Single phase 100V | | | | | | 3 phase 200V | | | | | |
| Frequency | | 50Hz | | | 60Hz | | | 50Hz | | | 60Hz | | |
| Motor output | | 0.4kW, 4P | | | | | | 0.4kW, 2P | | | | | |
| Average suction air flow (50Hz/60Hz)/m³/min | | 2.0 | 3.5 | 6.5 | 2.0 | 3.5 | 6.5 | 2.0 | 3.5 | 6.5 | 2.0 | 3.5 | 6.5 |
| Static pressure (kPa) | Fan alone | 1.79 | 1.64 | 1.24 | 1.76 | 1.6 | 1.14 | 1.8 | 1.6 | 1.21 | 1.7 | 1.6 | 1.21 |
| | Unit | 1.6 | 1.3 | 0.57 | 1.5 | 1.2 | 0.57 | 1.5 | 1.2 | 0.56 | 1.6 | 1.2 | 0.54 |
| Cassette filter | Area/Material | 0.4m² / polyester | | | | | | | | | | | |
| Dust tank capacity | | 4L | | | | | | | | | | | |
| Suction vent diameter(Φmm) | | Φ74 | | | | | | | | | | | |
| Suction vent height(mm) | | 284 | | | | | | | | | | | |
| Power cable | | VCTF 2.0mm²×3 cores 2m (Japanese Type A plug is equipped) | | | | | | VCTF 1.25mm²×4 cores 2m (Plug is not included) | | | | | |
| Dimensions (mm) | | W400×D590×H435 | | | | | | | | | | | |
| Noise level | | 64dB | | | | | | | | | | | |
| Net weight | | 51kg | | | | | | 46kg | | | | | |
| | | Made in Japan | | | | | | Stock in Japan | | | | | |

Cassette filter model

- By pulling the lever on the side of the unit back and forth for a couple of times, you can easily shake the dust off 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.
- Easy maintenance. By opening the unit, you can easily remove the cassette filter.



Company profile

Sales activities



We meet our customer's needs at sales offices organized throughout Japan.

Knowing our customer is the first thing we do for sales activities. With pride and confidence as a leading manufacturer of general equipment for a working environment, we provide practical products and useful information from the customer's point of view. Another important role for us is to gather information that is helpful in improving our products as well as meeting the needs of the customers. We will provide a rich variety of our unique products that are developed with a new viewpoint under a thorough quality control.

Product planning and development



We are making efforts to plan and develop the products that may save energy, maximize efficiency, reduce noise, and contribute to solving the environmental problems. Our pursuit for better product development never ends.

Our vital mission of the product development department is to develop a product that guarantees the satisfaction of our customers. Based on the information gathered by the sales department, we have been developing a variety of products while making the most of our experience and know-how. Making the maximum use of unfettered thinking, we have achieved an innovative designing for the products and their practicality to meet the customer's needs. Having a strong sense of purpose, we will continue our challenge to develop new products in corporation with the manufacturing factories.

Manufacturing activities



We take pride and delight in manufacturing products that may be used safely by the customers for long periods of time.

In the manufacturing factories, we are capable of manufacturing products with high durability and quality under a thorough quality control. A global network of the factories enabled us to reduce the production cost and to develop unique products of ours in rich variety. In corporation with the product development section, we have always been working on the development of new products. Through building a prototype and conduct a variety of test of it, we will make persistent effort to provide our customers with the developed products of Suiden.

Warehouse and forwarding activities



We are making efforts to high efficiency of distribution not only to the domestic market in Japan but also to global market places.

In all distribution centers of Suiden, we are capable of managing product distribution under a thorough quality control. A global network of Suiden distribution activities enabled us to reduce the distribution cost and to cope with variety of customer demands. In corporation with the distribution department, we have always been working on the highest efficiency of distribution for our customers on a global scale.

The global Network of Suiden

We have established the manufacturing factories not only in Japan but also overseas. We also opened our sales offices throughout Japan and Thailand to meet the customer's needs.

Dongguan Suiden Electrical Appliance Co.,Ltd



This factory is growing rapidly by increasing its capacity to manufacture a variety of overseas products such as spot cooler, vacuum cleaner, and some dust collector.

Taiwan Suiden Co.,Ltd



This factory manufactures industrial fans and motors, latter of which are supplied to other factories.

Suiden (Thailand) Co.,Ltd.



This is a sales office in charge of selling the products to the Thai market only.

Tottori factory



This is the main manufacturing factory in Japan for the Suiden products. It mainly manufactures vacuum cleaners, hot-air dryers, and spot coolers for Japanese market.

Nara office / warehouse



This facility is in charge of product planning, product development, product inspection, and die making. Nara office is also headquarters for production division that controls the production system globally including quality inspection.

Kyoto Products Distribution Center



This is a computer-based distribution center that takes charge of the management of the products manufactured overseas and forwarding products to overseas markets.