



NAKATOMI

KOOLZONE

MOBILE SPOT COOLER

USER MANUAL FOR **SAC-1800**



THANK YOU FOR PURCHASING THE KOOLZONE MOBILE SPOT COOLER.
PLEASE READ THE INSTRUCTIONS BEFORE USING.
AND PLEASE KEEP THESE INSTRUCTIONS FOR REFERENCE.



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Safety and Precaution





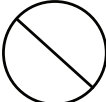









1. Please read the instructional manual thoroughly before operation.
2. Please be careful to follow the detailed instructions. It may lead to some of harmful effects to users or properties damages due to improper operation.
3. Save this instructional manual in a visible place. Do not discard the manual.

Important: Please be aware of the meanings of each mark listed as below.

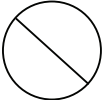



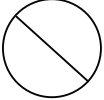




mark		meaning of mark
	Warning	It could cause life-threatening effects by the improper operation of users.
	Caution	By the improper operation of user, can cause not only life-threatening effects, but also the loss of property.

example photo		meaning of example photo
	prohibit from disassembly	⊘ The symbol means the things of prohibition. The concrete contents of prohibition shows by the words and photos. meaning of left photo[prohibit from disassembly]
	pull out the plug	● Symbol means the things have to obey. The concrete contents of prohibition shows by the words and photos. meaning of left photo[Unplug the power cord from the outlet/socket.]

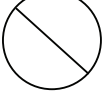
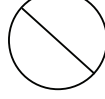
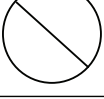
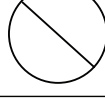

Warning

	Inflammable and harmful effects could be affected by inner structures changes.		Please apply 115 voltage. The phenomenon of flaming and electric shocking may occur if incorrect power sources apply.
	Any of detachable and changeable behaviors are not allowed. Please contact a local professional technician if there are any technical problems found and need to be fixed.		Unplug the power cord while installing to avoid electric shocking occurrences
	Avoid explosion, keep far away from gasoline, and any other evaporated, inflammable sources.		Keep the surrounding of the outlet clean. Dust or humidity may slow down insulated capacity causing flaming.
	Please do not combine with other electrical devices if the value is above of 10A.		Do not expose any electric parts to liquid and detergent to avoid flaming and electric shocking.
	Keep away from heat and high temperature sources to avoid deformation of the machine.		Do not expose hands and fingers into the air outlet.
	Please be sure to carefully follow the instructional manual step by step while installing the machine. Otherwise it may end up flaming or electric shocking.		Do not let the machine under some of certain circumstances, such as on boat, and automobiles. That will lead to water and electric leaking.
	Avoid the power damages to cause flaming and electric shocking. Do not unplug the power cord directly without holding it's head. It will damage the power cord. If the plug has been damaged, please do not re-use it.		If the machine will not be operated for a long time, please unplug the power cord to avoid firing, electric shocking.

Cautions

	Do not use the machine nearby a corrosive, evaporating, and explosive circumstance.		Stop working the machine when it is running out of order, such as strange noise, frequent vibration, and odor. Please unplug the power cord, otherwise it may cause flaming and electric shocking.
	Please use machine at a temperature range between 18°C~40°C ; otherwise it may cause electric shocking and flame.		Please state the machine stably. Do not tilt the machine.
	Avoid using the machine for a long period of time for healthy concerns.		Avoid using the machine nearby wet areas.
	Make sure to install grounding connection devices, and to apply electric leak supplies. (These devices can be found in stores)		Please focus on the center of gravity and the weight of the machine while moving.
	Please keep the power cord properly. Do not bend, stretch, and tighten the power cord.		

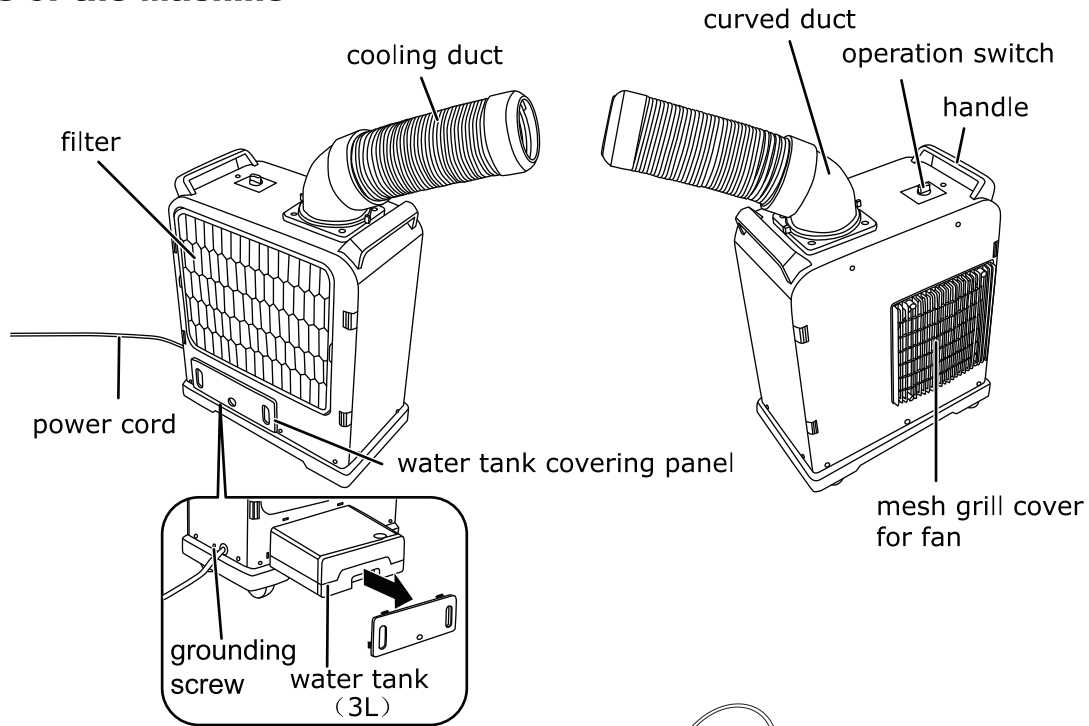
Cautions

	Please keep the air outlet clean. Ventilation must be well to avoid overheating, and flame forming.		Do not put any inflammable devices close to the air outlet; otherwise it may cause incomplete combustion.
	Do not sit on the machine; it may damage to the machine.		Do not put any heavy items on the machine.
	Do not detach the filter for other usage; it may cause the air outlet be blocked, frosted and damaged.		

Specifications

Power	Single Phase 115V
Frequency	60Hz
Cooling Capacity	6,143BTU
Load Current	5.58A
Consumption Power	618W
Compressor	Sealed Rotary Type
Water Storage Capacity	3L
Refrigerant	R410A
Refrigerant(Rated Charge)	340g
Operating Temperature Limit	18°C~40°C (64°F ~ 104°F)
Size	W18.7"×D10.4"×H24.0"
Weight	50.7LB

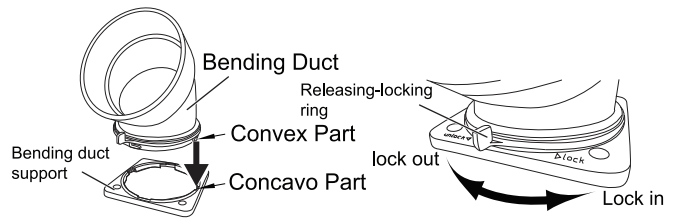
Parts of the Machine



Installation

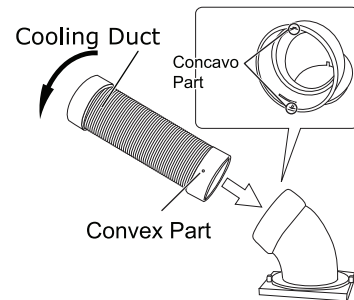
1. Installation of the curved duct:

Please point the convex part of the bending duct to the concavo part of the bending base and insert it, then rotate the releasing-locking ring to fix the bending duct.



2. Installation of the cooling duct:

Slide the fringe of cooling duct to the slot of curve duct, then turn the cooling duct clockwise to lock. Please make sure the joint is connected well before use.



Power Connection

1. Plug the power supply cord into a wall outlet. Make sure you have applied a wall outlet with grounding connection before operation.

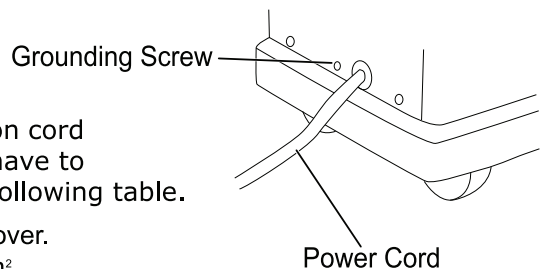
⚠ Caution

Connecting to the machine's power cord directly is acceptable. Use an extension cord when the power source is far away to reach. Please Note: If the power cord is too thin, it may reduce voltage, and lead to malfunction or damages.

2. Extension Cord

Avoid the use of an extension cord because the extension cord may overheat and cause a risk of fire. However, if you have to use an extension cord, the cord should be used as the following table.

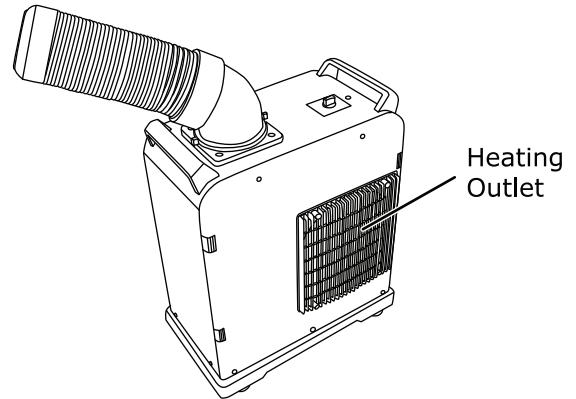
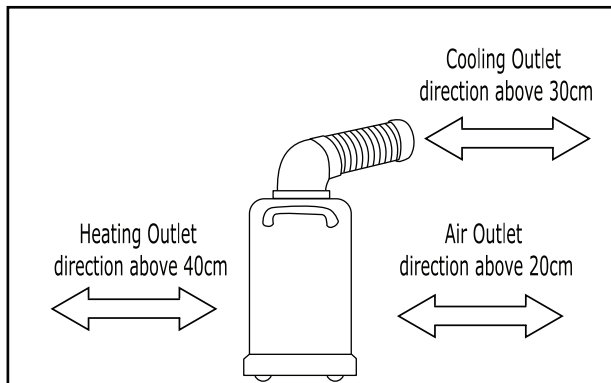
Please connect earth wire to the mouth beside the machine cover. Please use earth wire where the diameter is more than 1.5mm².



Length of the cord	Transverse section area
Within 15m	2.0mm ²

Important

1. Keep a distance of at least 3 feet (0.9m) from the front, rear of the spot cooler and also the cooling outlet to air circulation and good efficiency.
2. Keep away from the corrosive vapor, metal powder, and steam, these factors will reduce the performance or damage the spot cooler or lead to electric shock.
3. Always place the spot cooler on plain area. If place the machine tilts plain, the spot cooler may slide away, tip over and causes damage and malfunction.



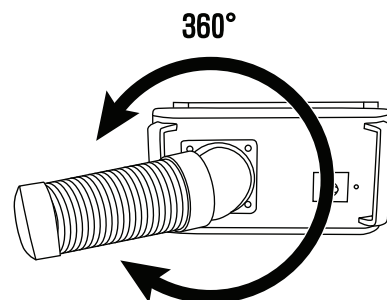
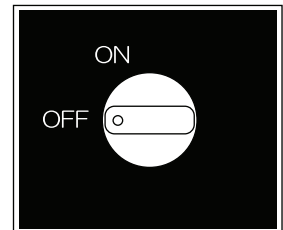
Turn the Spot Cooler ON

To turn the Spot Cooler ON, use the setting knob to switch to the ON position.

Direction Adjustment

The cooling pipe can rotate 360 degree horizontally . Adjust the direction of the cooling pipe to reach the desire cooling spot.

Caution: Please hold and support the back of the curve pipe to make adjustment. Do not resume the machine immediately after power off. Always wait for 3 minutes to prevent overload due to the high internal pressure.



Protective Devices

1. Overheat Shut-Off Protection System -Your spot cooler includes a overheat protection system in the compressor that shuts off the spot cooler if it overheats for the following reasons.
2. Low voltage, high temperature, and air outlet blocked will lead to electric current increasing and condenser overheating. However, the overheated protection will work automatically.

Caution:

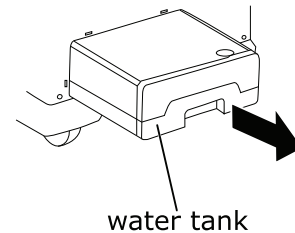
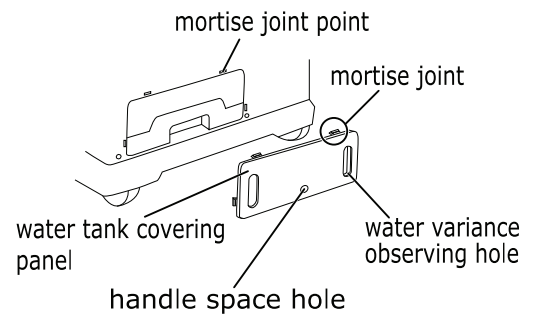
If the function of overheated protection works frequently, check the points and make sure you have removed all these problems before the next operation.

Water Tank

Caution:

Excessive water flow out of the water tank will cause damage to the cooler!

1. Open and close the covering panel to take out or put back the water tank. Put your finger into the hole, pull it out to open the covering panel. To put it back, insert the hooks of the covering panel, and push the covering panel into the back cover.
2. Water Level
Observe water level from the hole of the water tank. The top level is same as the top of the hole. The full capacity of the water tank at fill level is 3 liters. Open the covering panel and drain the water in water tank when full for further operation. Please check the water tank every time during operation.
3. Draining water may cause damage to the machine.
4. Drain water before moving the cooler to avoid spills.

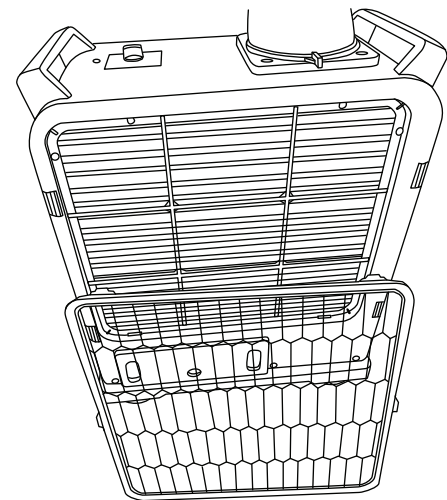


Maintenance and Storage

Filter Cleaning

1. Clean the filter periodically. Too much dust and debris may reduce the air flow, and cause overheating of the cooling system.

Caution: Use only soft cloth and detergent to wash the filter.



Storage

1. Drain out water, clean up the filter. The cooler must be under dry condition, totally dry without any water droplet for storage.
2. The cooler must be placed upward during storage. Do not lay it down, or put it upside down. Heavy weight items are prohibited to place on top of cooler.
3. Do not store it under such environments: dusty, humid or corrosive areas.
4. Use only soft detergent to clean and wash the cooler to avoid any damage of the surface of the cooler.

Checking and Storage Place

1. Check if any screws are not tightened up: tighten screws if needed
2. Use dry cloth to clean the cooler after use. Any cleaning agents with irritated effects are prohibited.
3. Keep away from children.
4. Do not store the cooler in high temperature, under direct sun shine or rain splash location.

Caution: No replacement parts inside!

Troubleshooting

Problems of Malfunction	Points to Check	Troubleshooting
Stop Working	power cord plug loosen?	make sure power cord is well connected with the wall outlet
	check if the overloading protective function is running normally	turn off the power first and try again in 3 minutes later
	check if the power fuse was burned or damaged	replace a new power fuse
Cooling System	check if any debris block in the rear filter, radiator outlet, and cooling outlet	clean up debris
	dirt and dust on the filter	clean up dirt
	check if it's surrounding temperature is above 40°C	run the machine at a temperature range from 18°C~40°C
Water Leaking	check if the drain valve is blocked	clear up the drain valve or contact your vendor
	check if the water tank is installed properly	make sure the water tank is installed properly
	check if the filter is covered with dust	clean up the filter
	check if the water tank is full	drain water out



KOOLZONE MANUFACTURER'S RECOMMENDATIONS



1. USE A DEDICATED OUTLET. DO NOT SHARE AN OUTLET WITH OTHER DEVICES.
SHARING AN OUTLET MAY CAUSE A POWER CUT.



2. USING AN EXTENSION CORD IS NOT RECOMMENDED.
IF AN EXTENSION CORD IS NEEDED, USE 12 AWG OR THICKER GAUGE.



3. DO NOT BLOCK THE HEAT EXHAUST OUTLET.
(DO NOT PLACE SAC1800 TOO CLOSE TO THE WALL.)
IT MAY BLOCK THE HEAT OUTLET AND CAUSE THE SPOT COOLER TO
STOP WORKING PROPERLY.



4. FOR OPTIMUM PERFORMANCE, USE ONLY UP TO A MAXIMUM OF
12 FT OF HEAT/COOL EXTENSION DUCT.

MAKE LIFE SIMPLE AND MORE CONVENIENT
WITH UNINEX



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CONTACT US FOR PURCHASE OR RENTAL



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