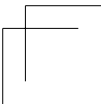
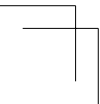
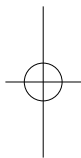
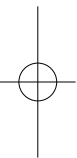
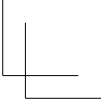
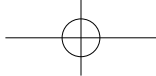
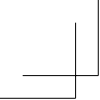


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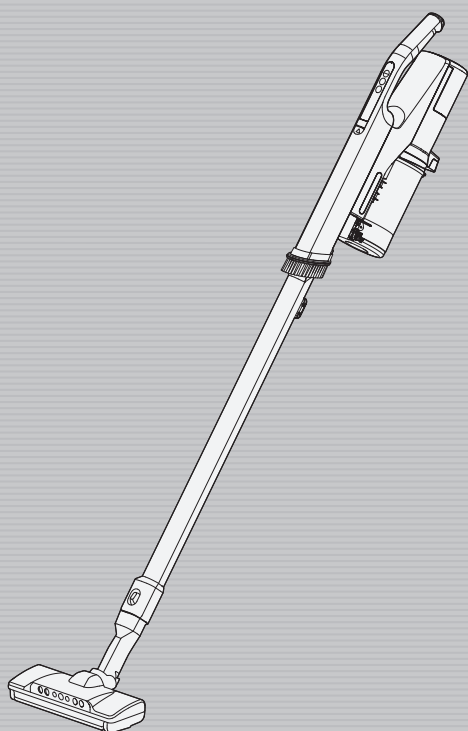


Instruction Manual

Hitachi

Cordless Stick Vacuum Cleaner

Model
PV-XL2K
PV-XL1K



Thank you for purchasing a Hitachi Cordless Stick Vacuum Cleaner.

This vacuum cleaner is intended for use in domestic households only and not designed for commercial use.

To ensure proper use, read this manual carefully before using the vacuum cleaner.

For future reference, keep this manual in an easily accessible place.

To ensure proper use, read the safety precautions → (P.E-4 to E-8).

HITACHI

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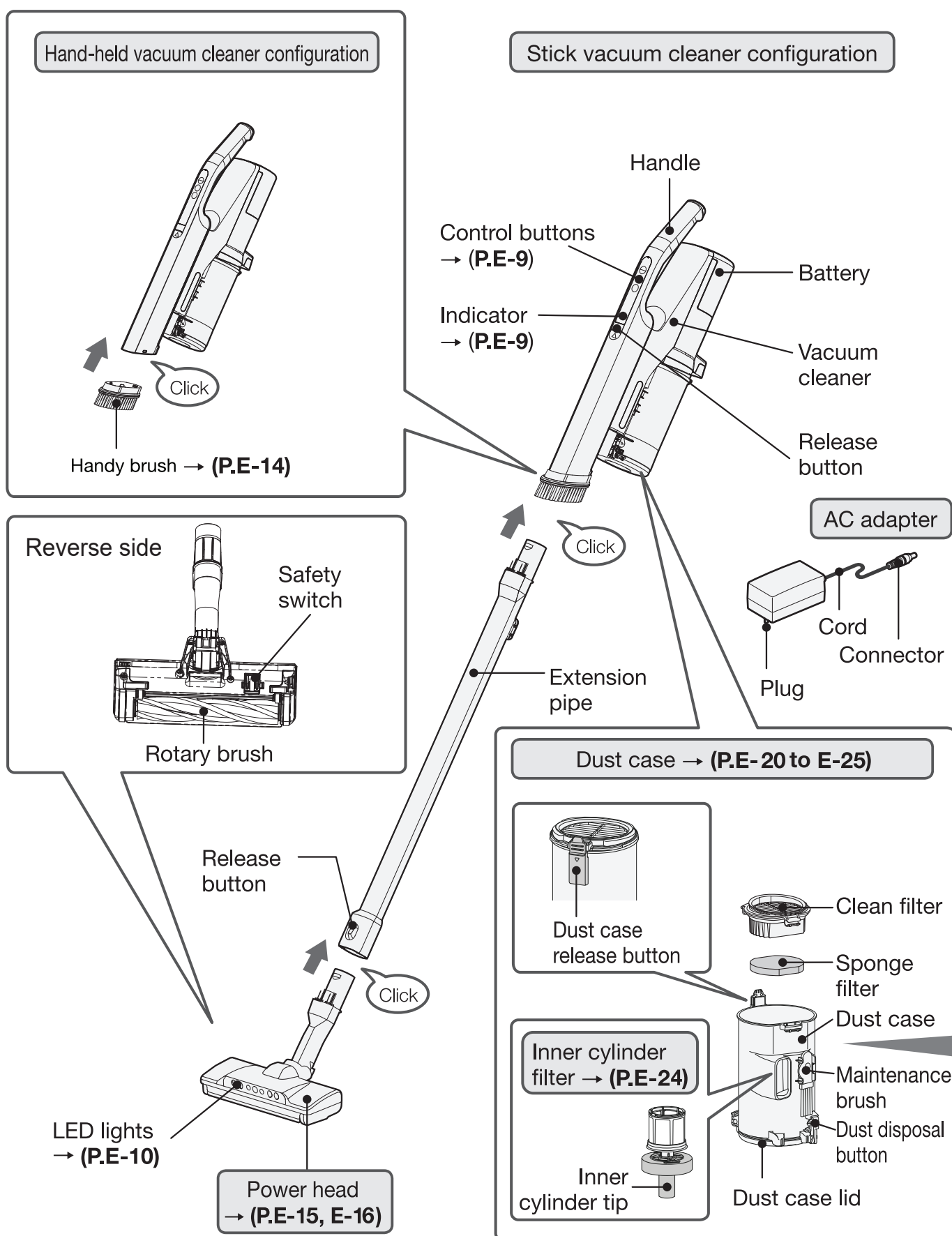
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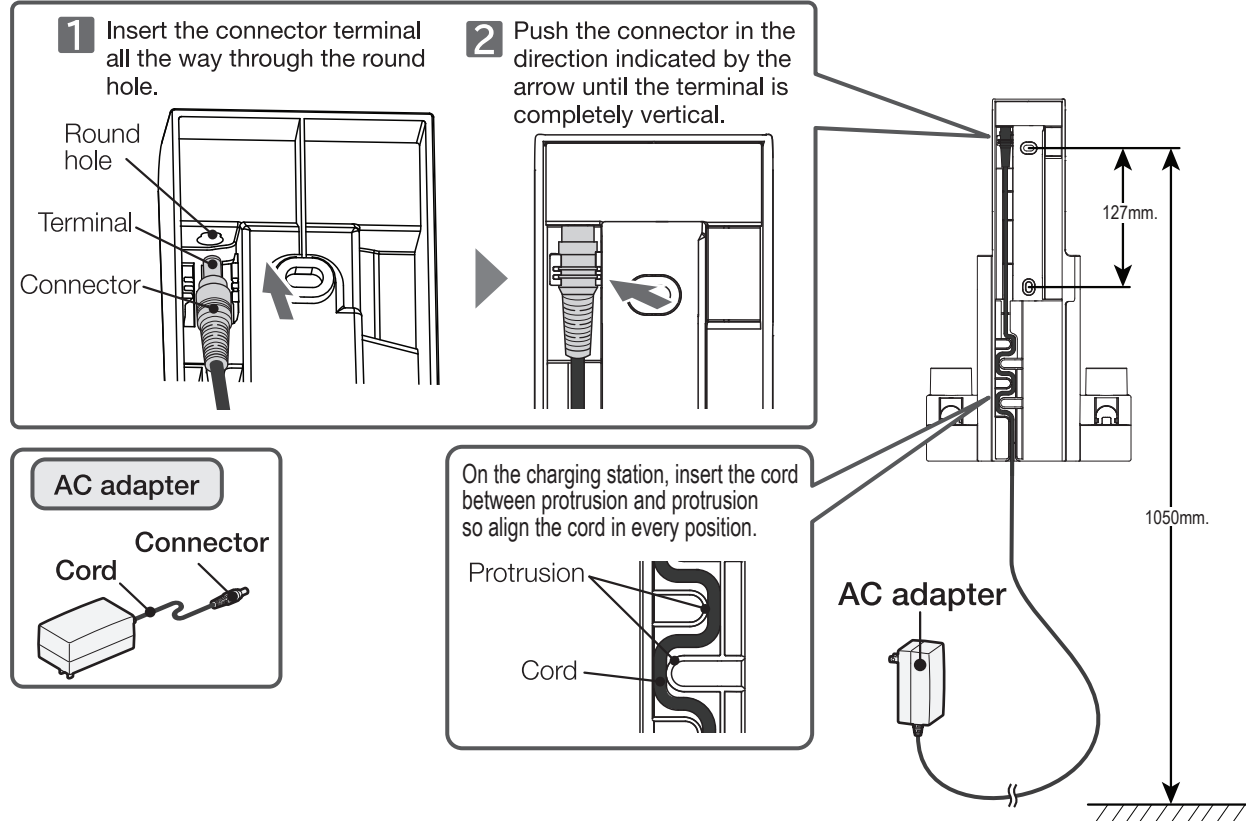
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Part names and assembly



Charging station → (P.E-11 to E-14)

You can charge the vacuum cleaner by connecting it to the AC adapter directly, instead of using the charging station. → (P.E-11)



Attachments

Power head (1 pc.) (D-DP29) → (P.E-15)	Extension pipe (1 pc.)	AC adapter PVA-T02-*** ^{*1} (1 pc.)	Charging station Wall bracket (1 pc.)
		 <small>*1) PVA-T02-BS : BS type plug shape PVA-T02-VDE : VDE type plug shape</small>	

Attachment accessories


Maintenance brush (1 pc.) (Attached to the back side of the dust case)	Mini bed nozzle (1 pc.) → (P.E-17) (For PV-XL2K only)	Multi angle nozzle with brush (1 pc.) → (P.E-19) (For PV-XL2K only)
Handy brush (1 pc.) → (P.E-16)	2-way crevice nozzle (1 pc.) → (P.E-18)	
	 <small>Crevice nozzle</small>	


Safety precautions


Please follow these safety precautions.

This section describes safety precautions that must be followed in order to prevent injury to the user or other people, or damage to property. Please thoroughly read and follow the precautions in this manual.

■ The severity of injury or damage that might occur if these precautions are ignored or the vacuum cleaner is used improperly is classified and explained below. Hitachi is not responsible for any injury or damage that occurs as a result of ignoring these precautions.

 **DANGER** This indicates warnings that, if ignored, could present imminent danger of serious injury or death.


 **WARNING** This indicates warnings that, if ignored, could result in serious injury or death.

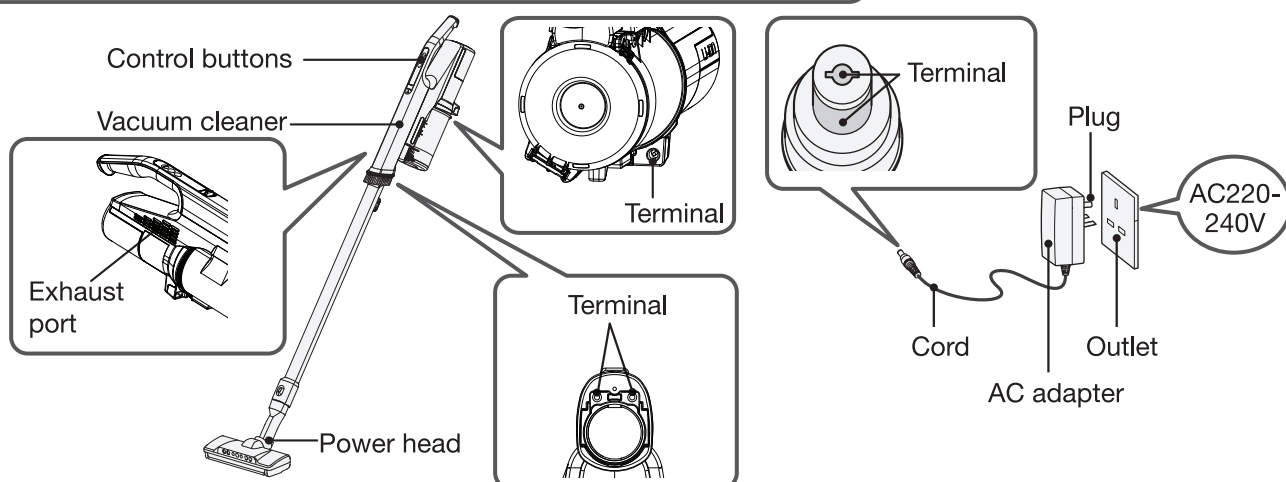
 **CAUTION** This indicates warnings that, if ignored, could result in minor injury or property damage.

Warning symbols used in this manual

 This indicates warnings or cautionary notes.

 This indicates prohibited actions that must not be performed.

 This indicates instructions that must be followed.



DANGER



● **Do not repair or modify any part of the vacuum cleaner. Do not disassemble any part of the vacuum cleaner unless instructed to in this manual.**

Failure to heed this warning might cause leaking of the battery, the generation of heat, fire, or injury. For repairs, please contact a Hitachi authorized service agent.

● **Keep the vacuum cleaner and AC adapter away from water and other liquids.**

Failure to heed this warning might lead to rupturing of the battery, fire, malfunction, or electric shock.

● **Do not connect the terminals of the vacuum cleaner and AC adapter with metal objects such as a wire and pin.**

Do not carry or store with metal necklaces, hairpins, etc.

Failure to heed this warning might cause the vacuum cleaner to malfunction or cause the battery to short-circuit, resulting in leaking, the generation of heat, rupturing, or fire.

● **Do not throw into fires or apply heat.**

● **Do not charge, use, or leave near sources of heat such as fire or a stove, under direct sunlight or in cars exposed to the sun, etc.**

Failure to heed this warning might cause the battery to leak, generate heat, rupture, smoke, fire, deform, or malfunction.

! WARNING

If the vacuum cleaner malfunctions or you notice any of the following problems, stop using the vacuum cleaner immediately.



- The vacuum cleaner does not turn on when you press a control buttons, even though the battery is fully charged.
- The power turns on and off when you move the AC adapter cord or connector.
- The vacuum cleaner sometimes stops in the middle of operation.
- The vacuum cleaner makes strange sounds in the middle of operation.
- The vacuum cleaner or AC adapter is deformed or abnormally hot.
- The power cord is damaged or abnormally hot.
- It smells like something is burning.
- You notice some other problem or malfunction.

Continuing to use the vacuum cleaner under these conditions could result in smoke, fire, or electric shock. Turn off the vacuum cleaner immediately and unplug the AC adapter from the outlet. Then, contact a Hitachi authorized service agent to request an inspection and repair.

Outlet, plug, cord, and AC adapter



- Use an AC220-240V outlet.

Do not use an extension cord, and do not plug the AC adapter in the same outlet as other appliances.



- Periodically clean the plug of any dust and debris by using a dry cloth.

- Insert the plug of the AC adapter all the way into the outlet.

- Do not damage the cord.

(Do not damage or modify the cord. Do not forcefully bend, bundle, pull, or twist it, and do not put it under heavy objects or pinch it between objects.)

- Do not use the vacuum cleaner if the cord or the AC adapter's plug or connector is damaged, and do not plug the AC adapter into a loose outlet.

- Make sure the cord does not get caught in the rotary brush of the power head.

- Do not handle the plug (insert the plug into an outlet or remove the plug from an outlet) with wet hands.

- Do not touch the terminals on the AC adapter or vacuum cleaner.

- To charge the vacuum cleaner, use the AC adapter that was provided with the vacuum cleaner. Do not attempt to charge the vacuum cleaner by using other AC adapters.

- Do not use the AC adapter that was provided with the vacuum cleaner to charge any other type of battery, even if the battery in question is a rechargeable battery.

Failure to heed this warning might cause fire or electric shock.

Power head (inlet)

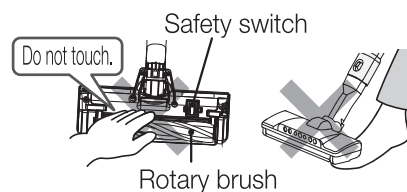


- Do not touch the safety switch or the rotary brush.

Failure to heed this warning might cause injury. Be careful especially around children.

- Do not place the power head on parts of your body (on top of your feet, etc.) when pulling the power head.

Failure to heed this warning might cause injury.



Others



- Do not use the vacuum cleaner near inflammable or combustible items or materials (kerosene, gasoline, paint thinner, benzene, toner, iron powder, detergents, large amounts of flour, aerosol sprays, flammable gas, cigarette butts, etc.), or to clean up such items or materials.

- Do not use the vacuum cleaner to clean up things with sharp points (thumbtacks, needles, toothpicks, hairpins, etc.).

- Do not use the vacuum cleaner to clean up suds or foam from carpet cleaners or other types of detergents.

- Do not use the vacuum cleaner outdoors.

- Do not wash any part of the vacuum cleaner with water unless that part is listed as a part that can be washed. Do not use the vacuum cleaner in the shower or bathtub.

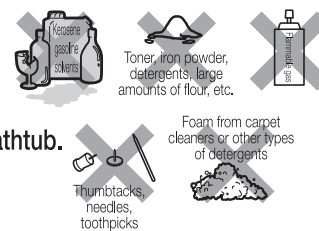
- Do not charge or store the vacuum cleaner in a location prone to high humidity.

Failure to heed this warning might cause eruption, fire, electric shock, or injury.

- Do not lean the vacuum cleaner against a wall or other surface.

- Make sure that the power head is attached when using the vacuum cleaner stand.

The vacuum cleaner might fall over, becoming damaged or causing injury or damage to the floor.



Safety precautions (continued)



CAUTION

Outlet, AC adapter, cord



- **Hold onto the AC adapter when you unplug it. Do not pull on the cord.**

Pulling on the cord might damage the cord and cause short-circuiting, resulting in electric shock or fire.

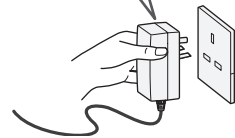
- **Do not wrap the cord around the charging station.**

Damaging the cord might cause electrical shock or fire.

- **If you will not be using the vacuum cleaner for a long time, unplug the AC adapter.**

Failure to heed this warning might lead to deterioration of the insulation, causing electric shock, short-circuiting, or fire.

Hold onto the AC adapter.



Power head (inlet), extension pipe



- **Do not let the vacuum cleaner run for an extended period of time with the inlet blocked.**

Failure to heed this warning might cause overheating, leading to fire or the deformation of the vacuum cleaner and power head.

- **Before performing maintenance on the vacuum cleaner, remove the power head or mini power head from the vacuum cleaner.**

Failure to heed this warning might cause injury.

- **Do not attach any of the parts of this vacuum cleaner to objects other than this vacuum cleaner.**

Failure to heed this warning might cause overheating, leading to fire or the deformation of the power head.

- **Do not clean using the tip of extension pipe, and do not insert pins or other objects in the connections of this vacuum cleaner, extension pipe.**

Doing so might cause a short circuit resulting in electric shock, fire, malfunction and damage to floors.

- **Do not move the power head or mini power head left and right while they are facing forward.**

Doing so might damage floors or fabrics.

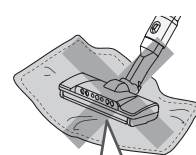
- **Do not use any of these attachments if any foreign objects (including sand or small pebbles) are stuck to the attachment.**

Failure to heed this warning might result in damage to floors or cloth surfaces.

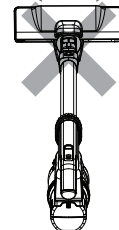
- **Do not use the vacuum cleaner under or in between blankets.**

Failure to heed this warning might cause overheating, leading to fire or the deformation.

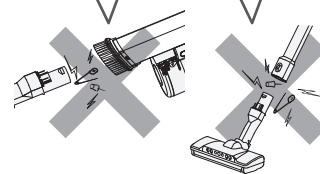
Do not move it left and right



Do not block



Do not stick pins



Exhaust port



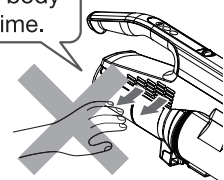
- **Do not block the exhaust port.**

Failure to heed this warning might cause overheating, leading to fire or the deformation of the vacuum cleaner.

- **Do not expose your body to the air released from the exhaust port for long periods of time.**

Failure to heed this warning might cause minor burns.

Do not expose your body for long periods of time.



Others



- **When carrying the vacuum cleaner, do not hold the dust case.**

The vacuum cleaner might fall and cause injury or damage the floor.

- **Keep away from fire.**

Failure to heed this warning might cause short-circuiting due to vacuum cleaner deformation, resulting in fire.

If the vacuum cleaner is used near a flame, exhaust from the vacuum cleaner might cause the flame to grow into a conflagration.

- **Turn off the vacuum cleaner before performing maintenance.**

Failure to heed this warning might cause injury.

- **Do not clean using the tip of the vacuum cleaner without the handy brush.**

Failure to heed this warning might cause short-circuiting, resulting in electric shock, fire, or damage to the vacuum cleaner or to the floor.

- **Do not put the charging station where dew condensation occurs or in a humid place.**

This might discolor the wall.

- **Do not drop the vacuum cleaner, power head, extension pipe, AC adapter, charging station, or any of the attachment accessories from high places.**

Failure to heed this warning might cause injury or damage to the floor or dropped part.

- **Do not look directly into the LED lights.**

Doing so might hurt your eyes.



- **Children should be supervised to ensure that they do not play with the appliance.**

- **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.**

- **Only allow children at least 8 years old to use the AC adapter. Give sufficient instruction so that the child is able to use the AC adapter in a safe way and explain that it is not a toy and must not be played with.**

- **Instruct the child not to try and recharge non-rechargeable batteries because of the danger of eruption.**

- **Examine the AC adapter regularly for damage, especially the Cord, plug and enclosure. If the AC adapter is damaged, it must not be used.**

- **Cleaning and user maintenance shall not be made by children without supervision.**

Safety precautions (continued)

Battery (lithium-ion battery)



DANGER



- Do not connect the battery to anything other than this vacuum cleaner. Do not disassemble, modify, or solder the battery. Do not charge the battery when it is not connected to the vacuum cleaner. Replacement of the battery is to be performed by a trained service technician. Do not remove the battery except when disposing of this vacuum cleaner. Please consult with a Hitachi authorized service agent.
- Do not touch the terminals or connect them by using metal items such as wires and pins.
- Do not transport or store the battery in the same container as metal objects such as necklaces, hairpins, coins, or keys.
- Do not subject the battery to strong physical shock. For example, do not put nails into the battery, hit the battery with a hammer, step on the battery, or throw the battery.
- Keep away from fire.
- Do not leave the battery near sources of heat such as a fire or stove, under direct sunlight, or in a car in the sun.
- Do not use any battery other than the one specified for this vacuum cleaner.
- Do not put the battery in a microwave or an oven.
- Do not submerge the battery in water or other types of liquid, or expose it to water or other types of liquid.

Failure to heed this warning might cause the battery to leak, generate heat, rupture, smoke, fire, electric shock, or injury.



- If the liquid inside the battery enters your eyes, do not rub your eyes, but thoroughly wash them with clean water immediately, and then consult a doctor.

Failure to do so might cause damage to your eyes.



WARNING



- Do not use the battery if it is leaking or has an abnormal odor, discoloration, deformation, or damage due to being dropped or you notice something unusual. Failure to heed this warning might cause the generation of heat or smoke, rupturing, or fire. If liquid from the battery leaks onto the floor, it might damage the floor.
- Keep the battery away from infants and children. Failure to heed this warning might cause electric shock or injury.
- If the battery is leaking, do not touch it with bare hands. Failure to heed this warning might cause skin irritation.



- If liquid from the battery gets on your clothes, immediately wash them in clean water. If the liquid gets on your skin, consult a doctor.

Failure to heed this warning might cause skin irritation.



CAUTION



- When charging the battery, make sure the ambient temperature is between 5 ° C and 35 ° C. Charging the battery in temperatures outside of this range might prevent the battery from being fully charged. As a result, the battery might take a long time to charge, or you might only be able to use the vacuum cleaner for a short time. Failure to heed this warning might cause the battery to deteriorate.
- If the battery is still charging longer than the specified charging time, unplug the AC adapter.
- Do not touch the battery for a long period of time while charging or operating the vacuum cleaner. Failure to heed this warning might cause minor burns.
- Store the vacuum cleaner in a location with low humidity or little dust and debris. Failure to heed this warning might cause the generation of heat or smoke, rupturing, or fire.

Usage notes

To prevent malfunction and other problems, be sure to follow these instructions.
Be sure to thoroughly read these instructions, as well as those indicated by **Note** in other locations in this manual, and to use the vacuum cleaner in accordance with these instructions.

- **Do not subject the vacuum cleaner, the power head, extension pipe, charging station, AC adapter, or attachment accessories to strong physical shock.**
Failure to heed this warning might cause the deformation or damage.
 - **Do not use the vacuum cleaner to clean up the following objects.**
Failure to heed this warning might cause strange odors or malfunction.
 - Water or other liquids, wet objects, or desiccants.
 - Large amounts of sand or powder, long string or thread, or glass.
- **Do not ride on the vacuum cleaner, the power head, charging station, or attachment accessories.**
Doing so might cause malfunctions.
 - **Thoroughly air dry parts washed with water.**
Failure to heed this warning might cause strange odors or malfunction.

Controls and indicators

Control buttons

To operate

Press the **High** or **Standard** button.

High For careful carpet cleaning

Standard For normal cleaning

The LED lights of the power head turn on.
→ (P.E-2, E-3)

Release

Filter Maintenance

High

Standard

Off

Control buttons

To stop operation

Press the **Off** button.

Indicator during charging

Release

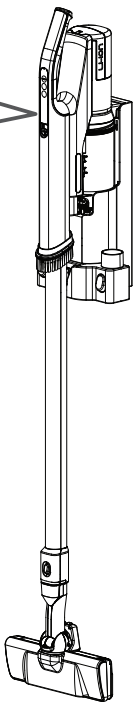
Battery indicator

Filter Maintenance

High

Standard

Off



Battery Indicator	Charging status
On	The battery is charging. Charge time is approx. 3.5 hours. Depending on the ambient temperature, usage time, etc, if the battery's temperature is very hot, charging may automatically go into standby until the temperature lowers to an appropriate temperature for charging, causing the charging time to increase. → (P.E-34)
Off	The battery is fully charged. When the battery is fully charged, the battery indicator turns off.

* If the battery indicator blinks rapidly (about four times per second), this indicates an abnormality with the AC adapter or the battery. → (P.E-34)

* If you remove the vacuum cleaner from the charging station (or disconnect the AC adapter) after the battery indicator turns off, and then set the vacuum cleaner back onto the charging station, the battery indicator turns on, but this does not indicate a problem with the vacuum cleaner.

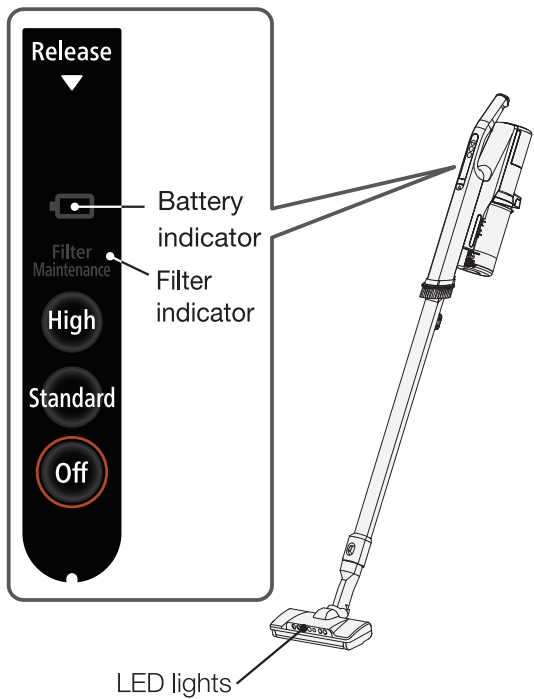
Controls and indicators (continued)


 **WARNING**

- Do not touch the terminals on the AC adapter or vacuum cleaner.

Failure to heed this warning might cause electric shock or injury.

Indicators during use



Indicator		Operating status
	Off	The remaining battery level is high.
	Blinking (about two times per second)	The remaining battery level is low. Charge the battery.
Filter maintenance	Blinking (about two times per second)	The filter needs to be cleaned. → (P.E-23, E-24)

- * If the battery indicator blinks rapidly (about four times per second), this indicates an abnormality with the battery. →(P.E-34)
- * If the battery indicator blinks slowly (about once per two seconds), this indicates that the vacuum cleaner might be running in safe mode with reduced suction power in order to prevent overheating of the vacuum cleaner's motor or battery. →(P.E-34)
- * The filter indicator does not blink while the vacuum cleaner is being operated in the Standard setting.
- * If the filter indicator blinks, this indicates that the power head might have automatically turned off (and its LED indicator turned off) in order to prevent overheating of the power head. →(P.E-31)

If the filter indicator on the vacuum cleaner blinks while the vacuum cleaner is running or after the vacuum cleaner stops:

- Empty the dust case and remove any dust and debris attached to each of the filters. → (P.E-2, E-20 to E-25)
- If the filter indicator on the vacuum cleaner blinks while the vacuum cleaner is running, even though dust and debris has already been removed from each filter, wash each filter with water. → (P.E-27 to E-28)
- Objects might get caught in the rotary brush of the power head. If this happens, remove the object. → (P.E-29 to E-30)

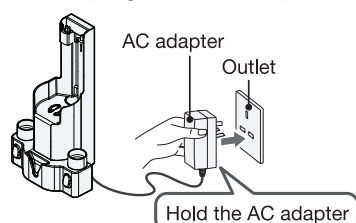
Charging the vacuum cleaner

Charge the battery before using the vacuum cleaner. The battery is not fully charged at the time of purchase. It generally takes about 3.5 hours to charge the battery. (It might take longer to charge the battery depending on factors such as the ambient temperature and how long the vacuum cleaner was in use.)

To charge the vacuum cleaner using the charging station

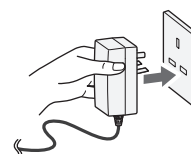
1

Attach the AC adapter to the charging station.
→ (P.E-3) Then, plug the AC adapter into an outlet.



To charge the vacuum cleaner by connecting it to the AC adapter.

Plug the AC adapter into an outlet.



CAUTION

When unplugging the AC adapter, hold the AC adapter. Do not pull on the Cord.

Pulling on the cord might damage the cord and cause short-circuiting, resulting in electric shock or fire.

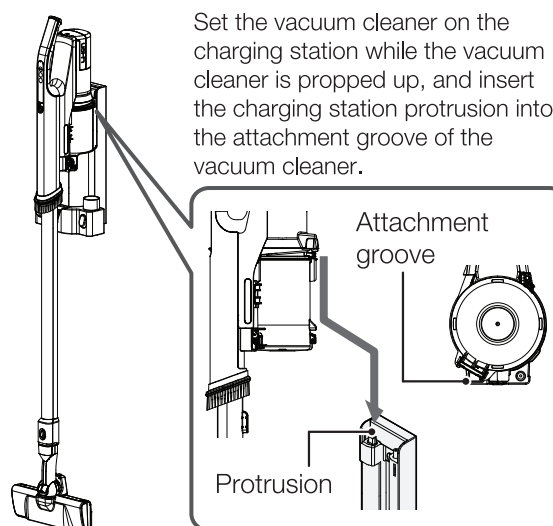
2

Set the vacuum cleaner on the charging station.

Note

If you want to charge the vacuum cleaner by using the charging station, make sure the dust case is attached to the vacuum cleaner.

- Insert the charging station protrusion into the attachment groove of the vacuum cleaner.
- When the vacuum cleaner is set on the charging station and the AC adapter is connected, the battery indicator turns on.
- When fully charged, the battery indicator turns off.



Insert the connector of the AC adapter into the terminal on the vacuum cleaner.

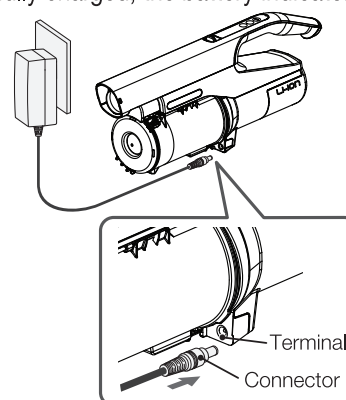


CAUTION

Risk of damage to the floor.

- If you want to charge the vacuum cleaner by connecting the AC adapter to the vacuum cleaner, make sure the vacuum cleaner is resting on the floor or some other flat, level surface.
- Do not drag the vacuum cleaner while it is resting on the floor or any other flat, level surface.

- When the AC adapter is connected to the vacuum cleaner, the vacuum cleaner indicator turns on.
- When fully charged, the battery indicator turns off.



- Disconnect the plug from the outlet when not using the cleaner for long periods of time. Also, if the remaining battery level is low, charge the battery again before using the vacuum cleaner.
- If you disconnect the AC adapter from the vacuum cleaner after the battery indicator turns off (indicating that the battery is fully charged), and then reconnect the AC adapter to the vacuum cleaner, the battery indicator turns on (indicating that the battery is being charged), but this does not indicate a problem with the vacuum cleaner.
- While the vacuum cleaner is being charged, the vacuum cleaner or AC adapter might become hot, but this does not indicate a problem with the vacuum cleaner.
- The vacuum cleaner will not operate even if the control buttons is pressed while charging.

Charging the vacuum cleaner (continued)

Note

- When charging the battery, make sure the ambient temperature is between 5 ° C and 35 ° C. Charging the battery in temperatures outside of this range might prevent the battery from being fully charged. As a result, the battery might take a long time to charge, or you might only be able to use the vacuum cleaner for a short time.
- If the battery indicator does not turn on, or it turns on briefly and then turns off, remove the vacuum cleaner from the charging station and then set it back onto the charging station.
- If you are using the vacuum cleaner for the first time or after the vacuum cleaner was left unused for a long time, the battery might take a long time to charge, or you might only be able to use the vacuum cleaner for a short time.
- Charging it near a radio might cause sound interference when the radio is in operation. When charging the vacuum cleaner, plug the AC adapter into an outlet that is at least 2 meters away from any radio equipment.

To prolong battery life

- Be sure to charge the vacuum cleaner after each use, even if you only used the vacuum cleaner for a short period of time.
- If the vacuum cleaner is not to be used for more than a month, please fully charge the battery before storing it. Charging it once a year if the vacuum cleaner is not in use will prolong the battery life. (Storing a depleted battery will deteriorate the battery performance and battery life.)
- If the vacuum cleaner stops in the middle of operation because the battery has run out, you might still be able to use the vacuum cleaner for a short while by pressing the control buttons. However, this type of action is not recommended. Performing this type of action will shorten the battery life.

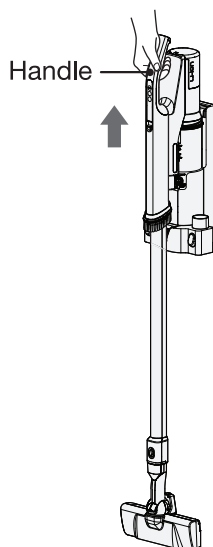
Using the vacuum cleaner

If the vacuum cleaner is set on the charging station.

1

Remove the vacuum cleaner from the charging station.

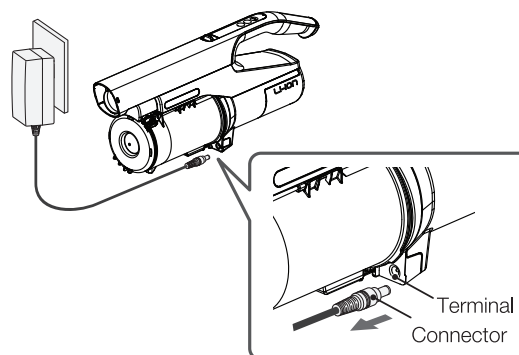
Hold the handle and pull the vacuum cleaner upward.



If the AC adapter is directly connected to the vacuum cleaner.

Remove the connector of the AC adapter from the vacuum cleaner.

Holding onto the connector of the AC adapter, disconnect it from the vacuum cleaner.



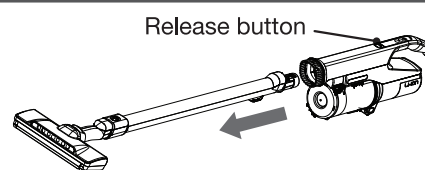
⚠ CAUTION

When disconnecting the AC adapter, hold the connector. Do not pull on the cord. Pulling on the cord might damage the cord and cause short-circuiting, resulting in electric shock or fire.

2

Attach an attachment. →(P.E-14)

When replacing an attachment, remove it by sliding the release button and pulling the attachment in the direction of the arrow.



3

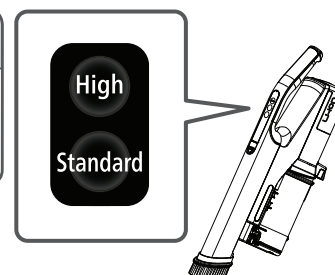
Press the **High** or **Standard** button.

You can use the vacuum on High for about 8 minutes continuously. You can use the vacuum on Standard for about 30 minutes continuously if the power head is attached, and for about 45 minutes continuously if the power head is not attached. Note that these times might be shorter in low temperatures.

⚠ CAUTION

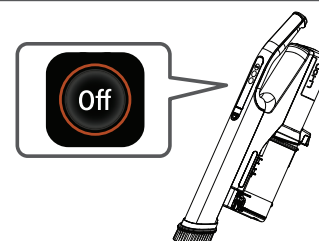
Risk of injury or damage to the floor.

Do not strongly press or hit the vacuum cleaner against the floor. The vacuum cleaner might be deformed or the dust case might fall.



4

To stop, press

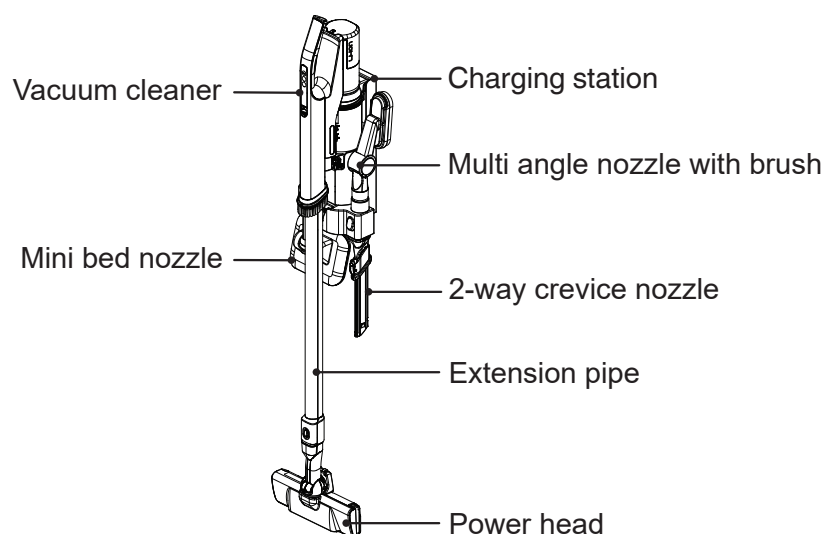


5

Charge the vacuum cleaner after using it. →(P.E-11)

Storing the vacuum cleaner

Storing the vacuum cleaner, extension pipe, and accessories with charging station



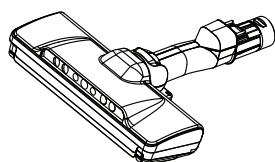
Product illustration is
for Model PV-XL2K

Attachments and assembly

Attachments can be attached to the vacuum cleaner and extension pipe.

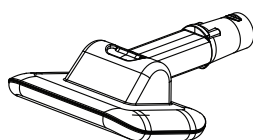
Power head

→ (P.E-15)



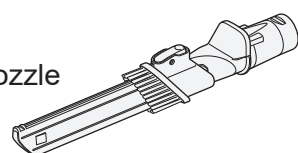
Mini bed nozzle
(For PV-XL2K only)

→ (P.E-17)



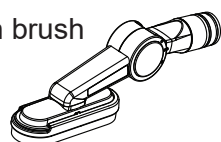
2-way crevice nozzle

→ (P.E-18)

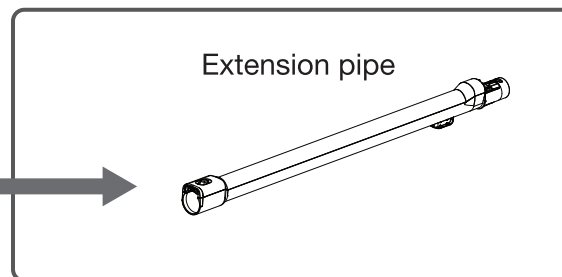


Multi angle nozzle with brush
(For PV-XL2K only)

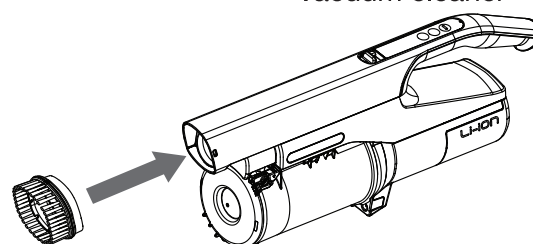
→ (P.E-19)



Extension pipe



Vacuum cleaner



Handy brush → (P.E-16)

Using the attachments

Power head

■ Use in accordance with the floor type

Vacuum efficiently and thoroughly by moving the power head back and forth across floor.

Carpet

Clean by moving back and forth. Dust and debris will be collected thoroughly when pulling back.

When cleaning a new carpet for the first time, the cleaner might collect many loose threads.

Flooring/Tatami

To prevent damage to the floor, move along the grain of the flooring.

- When cleaning a new tatami, its surface might become polished.
- If dust and debris still remain on the floor after you move the vacuum cleaner toward you, lift the power head and then move the vacuum cleaner away from you (back over the dust and debris).

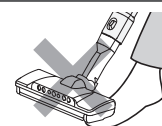


WARNING

Risk of injury

Do not place the power head on parts of your body (on top of your feet, etc.) when pulling the power head.

It might get your body parts caught in the rotary brush.



CAUTION

Risk of damage to the floor

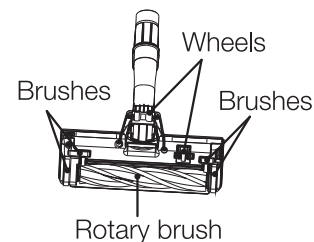
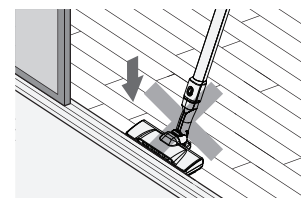
When pulling the power head.

Do not firmly press the power head against the floor.

- The floor might be damaged if it is easily damaged especially such as cypress or padded flooring*.

* Padded flooring is flooring where the surface is cushioned using vinyl chloride, etc.

- Firmly pressing the power head against uneven surfaces such as thresholds might wear out the wheels and damage the floor.
- If dust and debris gets tangled in the wheels, the wheels cannot rotate, which might cause wear and tear and floor damage.
Perform periodic maintenance (about once a month). → (P.E-29, E-30)
- After extended use, the brushes, wheels, and rotary brush might wear down. Using the power head while they are worn out might damage the floor. You cannot replace the brushes or wheels by yourself. Please contact a Hitachi authorized service agent to have the brushes, wheels, and rotary brush replaced as a set.

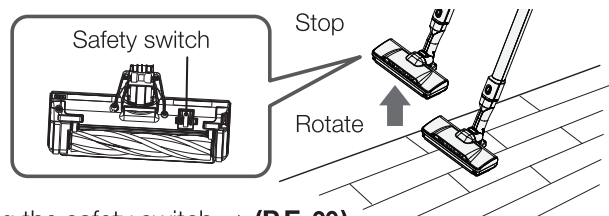


Note

- The vacuum cleaner might be difficult to use depending on the floor type. In such a case, switch to the "Standard" operation.
- If the suction power becomes weak, there might be dust and debris blocking the power head inlet. In this case, perform maintenance for (wash with water) each filter. → (P.E-27 to E-28)
- Do not push the power head against the floor with excessive force, because the power head might leave a mark on the floor. If the power head leaves a mark on the floor, please refrain from using the vacuum cleaner in that area, and remove the mark by using a soft cloth.

■ The safety switch of the power head

When you lift the power head from the floor, the safety switch activates and the rotary brush stops rotating for your safety.



For information on maintaining the safety switch → (P.E-29)



WARNING

Risk of injury

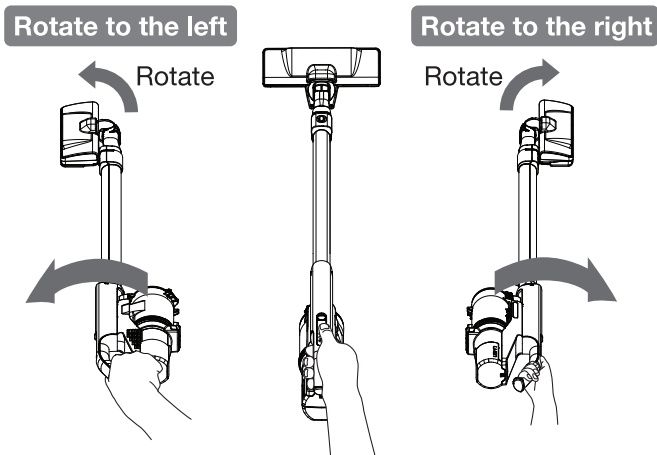
Do not touch the safety switch or the rotary brush of the power head.

The rotary brush might rotate. Be careful especially around children.

Using the attachments (continued)

Multi angle head

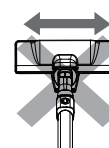
Turning the handle changes the orientation of the power head. Narrow places can be efficiently vacuumed.



CAUTION

Risk of damage to the floor

- After extended use, the brushes, wheels, and rotary brush might wear down. Using the power head while they are worn out might damage the floor. You cannot replace the brushes or wheels by yourself. Please contact a Hitachi authorized service agent to have the brushes, wheels, and rotary brush replaced as a set.
- Do not move the power head left and right while they are facing forward.
- Do not pull the power head backwards while holding it aloft.



Handy brush

Attach to the vacuum cleaner before use.

Attachments can be applied while the handy brush is attached to the vacuum cleaner.

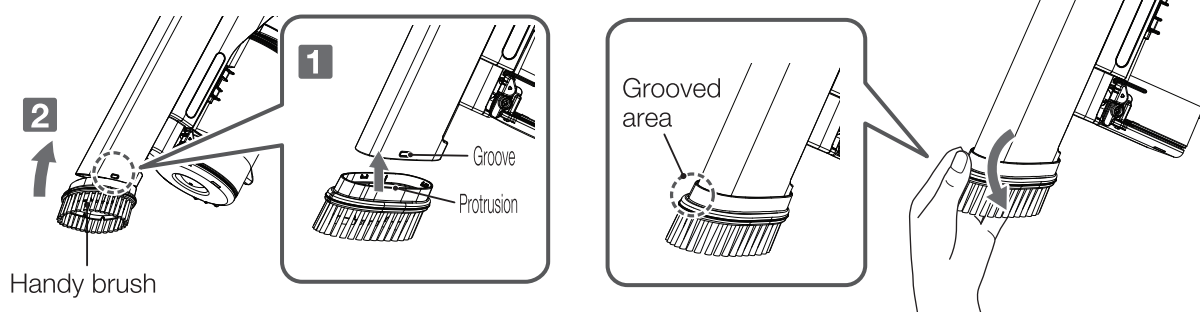
Attaching the handy brush

- 1 Match the position of the protrusion on the side of the handy brush with the groove on the vacuum cleaner.

Detaching the handy brush

Press the grooved area of the handy brush and pull in the direction of the arrow.

- 2 Press in the direction of the arrow.



CAUTION

Risk of electric shock, fire, malfunction or damage.

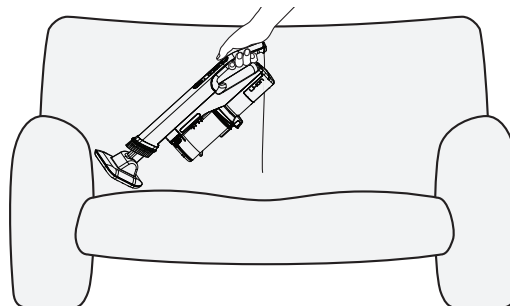
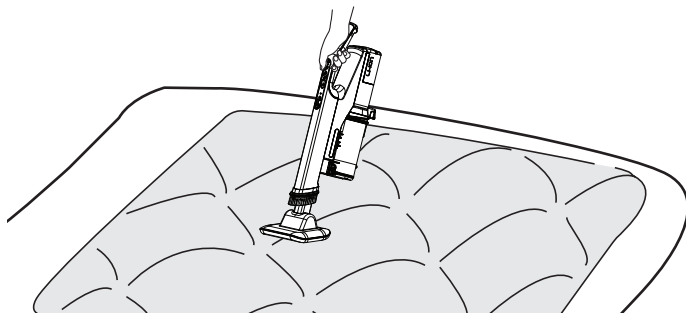
- Do not clean using the tip of the vacuum cleaner without the handy brush.
- Do not press against areas that are particularly easy to be damaged, such as pianos.

Note

- It might be damaged if excessive force is applied. If the handy brush is pressed down on floors with too much force, it might become damaged, crack, or damage to the floor.
- The handy brush can be washed with water. After washing with water, allow it to dry naturally before use. Using it while wet might lead the vacuum cleaner to malfunction.

Mini bed nozzle (For PV-XL2K only)

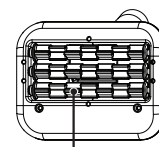
This is a compact suction head that can be used on sofas, car seats, and bedding.



CAUTION

Risk of damage to the fabric.

- Use on bedding, mattresses, bed covers, pillows, seat cushions, fabric sofas, and other fabric products.
- Do not use on wood furniture, wood floors, or locations with a glossy surface that is easily damaged.
- Do not press against fabrics that are easily damaged, such as leather.
- After extended use, the rotary brush might wear down. Using the mini bed nozzle while they are worn out might damage the fabric.



Rotary brush

Note

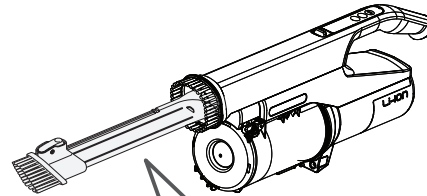
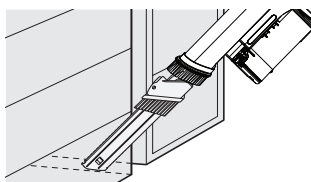
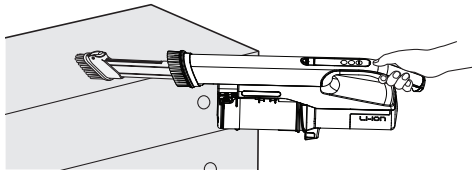
- When cleaning fabrics, lay the fabric flat, and do not press firmly. If you clean fabrics while folded, they might become tangled and be damaged.
- The vacuum cleaner might be difficult to use depending on the cleaning location. In such a case, switch to the "Standard" operation.

Using the attachments (continued)

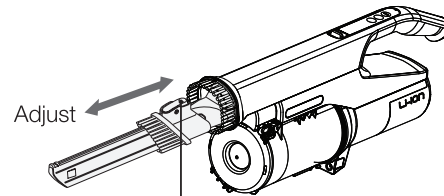
2-way crevice nozzle

Swiftly perform cleaning with the brush on the tip.

The mode can be switched to crevice nozzle mode with one touch so it is useful when cleaning book shelves and crevices.



To switch between the crevice nozzle and the crevice brush, hold down the button and slide the brush in the direction indicated by the arrow.



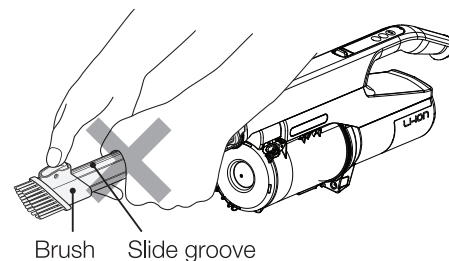
Slide the brush while holding down the button



WARNING

Risk of injury

When sliding the brush, do not hold onto the slide grooves. Your hand might get pinched.



Brush Slide groove



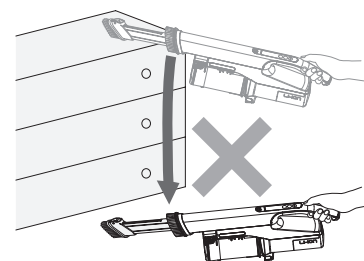
CAUTION

Risk of damage

Do not press against areas that are particularly easy to be damaged, such as pianos.

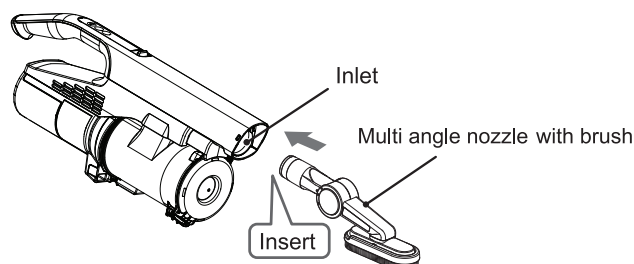
Note

- It might be damaged if excessive force is applied.
Do not drop from high places.
- You can wash the two-way crevice nozzle. After washing, allow it to dry naturally before use.
Using it while wet might lead the vacuum cleaner to malfunction.
- If there is dust and debris on the tip or inside the nozzle, or within the groove of the slide, remove the dust and debris.

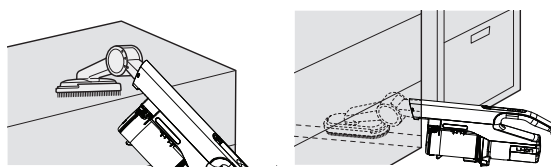


Multi angle nozzle with brush (For PV-XL2K only)

- Use by attaching to the inlet of the handy cleaner.



- It is a free rotating nozzle that can reach far above furniture and into crevices.

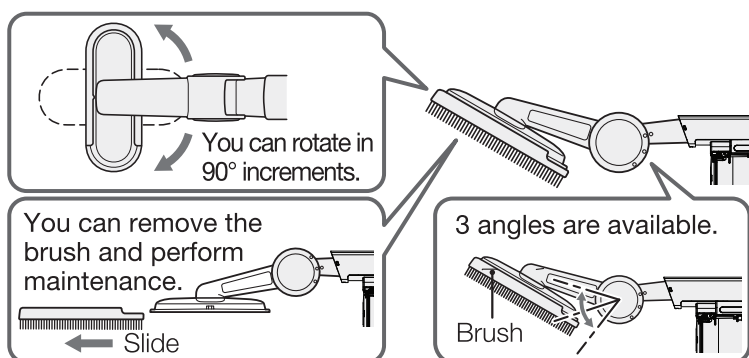


CAUTION

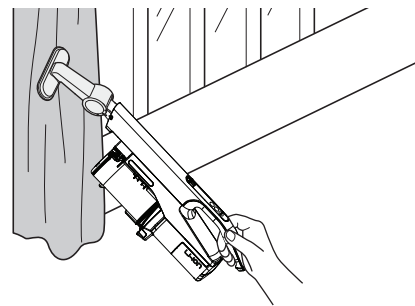
Risk of damage.

Do not press against areas that are particularly easy to be damaged, such as pianos.

- You can change to various angles according to the area to be cleaned.



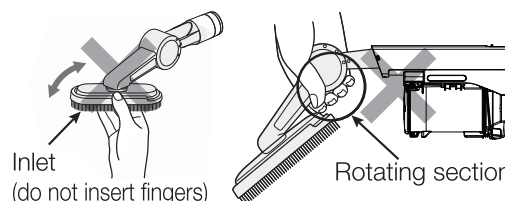
- If you are using the nozzle with the brush removed, use it to collect dust on clothing, curtains, etc.



WARNING

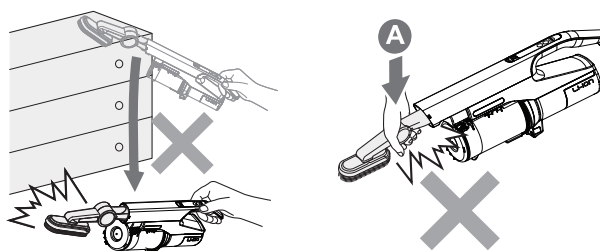
Risk of injury.

- When changing the angle, do not hold the rotating section. Your hand may get pinched.
- Do not rotate while your fingers are inserted into the inlet of the Multi angle nozzle (with brush). Your fingers may get pinched.



Note

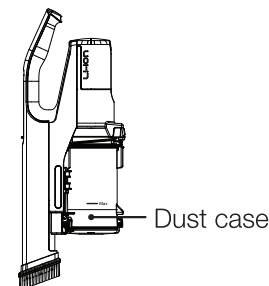
- When using the Multi angle nozzle (with brush), do not let it fall or add excessive force in the direction of the arrow in **A**. Doing so may result in damage.
- You can wash the Multi angle nozzle (with brush) with water. After washing, thoroughly air dry before use. Vacuuming water may result in damage.
- If fibrous dust clogs the end or interior of the Multi angle nozzle with brush, suction power is reduced, so remove the dust.



Emptying the dust case and cleaning the filters

Cyclonic cleaners does not require using paper bags as high suction power is used to compress dirt and debris. We recommend disposal of dust and debris after each use, and frequent filter maintenance.

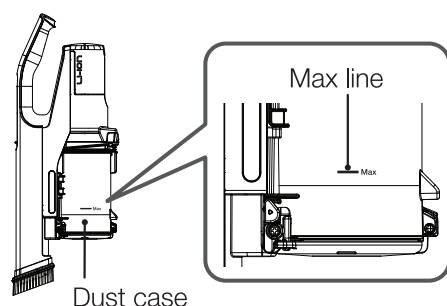
- Empty the dust case before exceeding the "Max line" (guideline). If the "Max line" is exceeded, the dust and debris might be difficult to remove from the dust case.
- Dust and debris might not rotate depending on the type of dust and debris and how it accumulates, which is normal.



Note Fine dust and debris might disperse in the air when emptying the dust case. Empty the dust case in a well-ventilated environment such as outdoors, or wear a mask and avoid breathing in the dust and debris.

Checking the level of dust and debris in dust case

Check whether the dust and debris in the dust case has reached the max line.

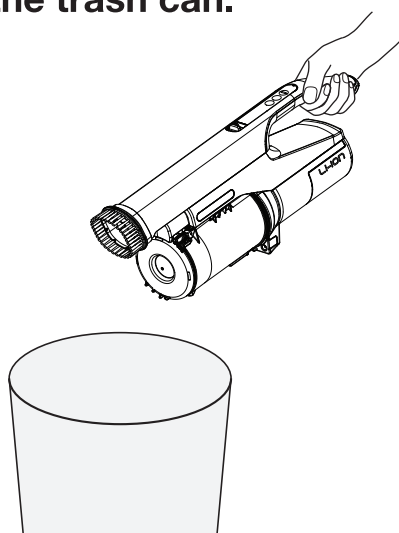


- When dispose the dust and debris from the dust case, remove the dust and debris adhered to the dust case and clean the filter.
→ (P.E-20 E-23)
- If dust and debris is wrapped around the inner cylinder filter and cannot be removed, detach and maintain the inner cylinder filter.
→ (P.E-24)

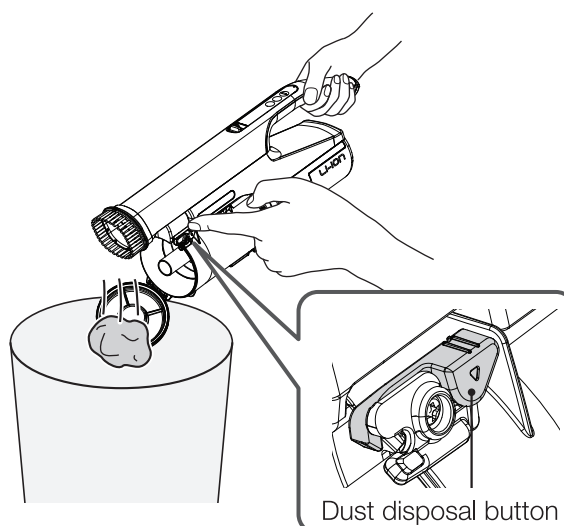
Emptying the dust case [when attached to the vacuum cleaner]

1

1 Tilt the vacuum cleaner and position the dust case to face the trash can.



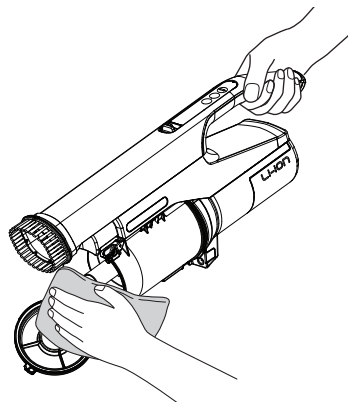
2 Press the disposal button.



Emptying the dust case (continued)

2 Remove attached dust and debris.

Remove the dust and debris and fine dust and debris using soft cloths, etc.



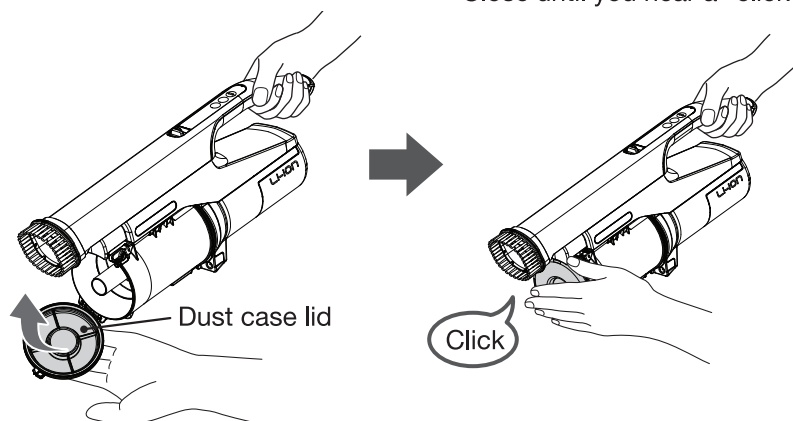
⚠ CAUTION

Risk of injury

You might have unintentionally vacuumed sharp objects such as glass shards or pins. Be careful when performing maintenance.

3 Close the dust case lid.

Close until you hear a "click" sound.



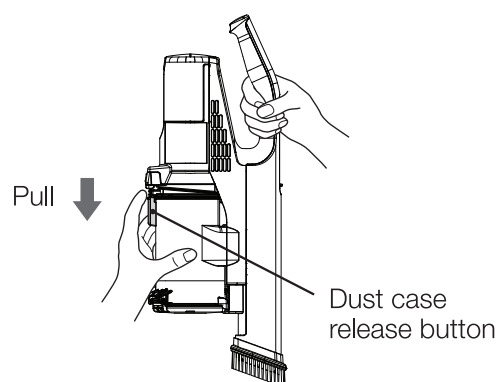
Note

In order to maintain strong sucking power, regularly perform frequent maintenance of the filter.

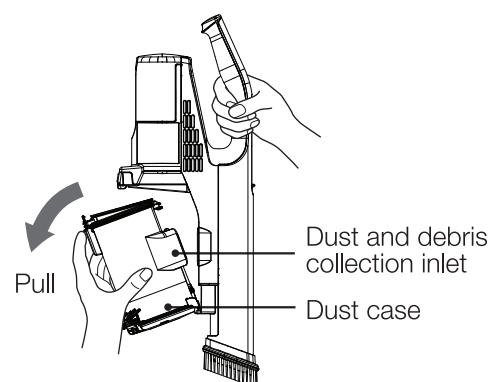
→(P.E-23, P.E-24, P.E-27)

Emptying the dust case [when removed from the vacuum cleaner]

1 Hold the dust case and pull the dust case release button.



2 Pull out the dust case in the arrow direction



Note

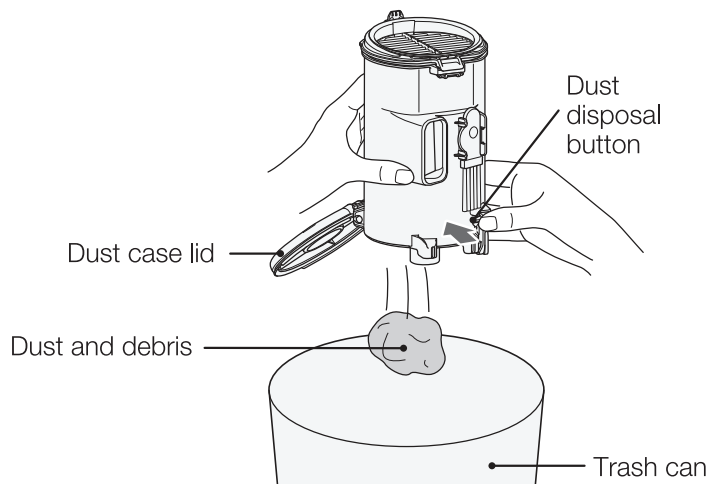
- Do not detach the dust case with the vacuum cleaner set down. Dust and debris might spill.
- If dust and debris spills inside the vacuum cleaner, remove the dust and debris and attach the dust case as it was.
- Do not turn the dust and debris collection inlet downward when holding the dust case or placing it. Dust and debris might spill.

Emptying the dust case and cleaning the filters (continued)

3

Open the dust case lid and empty the dust case.

Make sure the dust case lid is facing down, and then press the dust disposal button.



Note

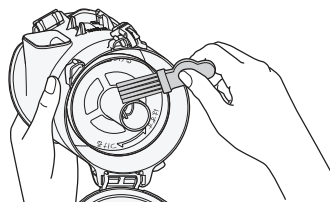
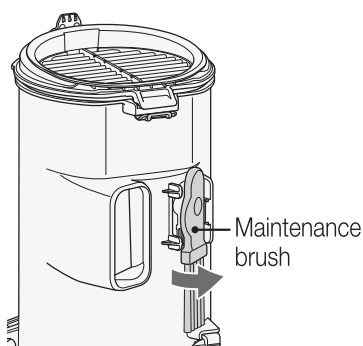
Dust and debris might be hard to remove depending on the type of dust and debris and how it accumulates. Add vibration by tapping the sides of the dust case or detaching the inner cylinder filter.

4

Remove attached dust and debris.

1 Detach the maintenance brush attached to the back side of the dust case.

2 Remove the dust and debris and fine dust and debris with the maintenance brush.



CAUTION

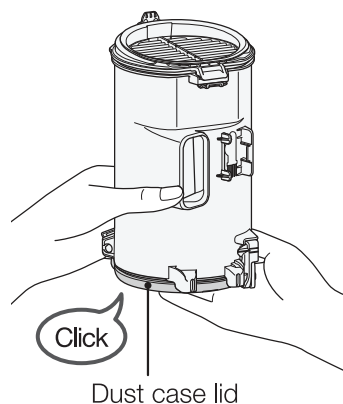
Risk of injury

You might have unintentionally vacuumed sharp objects such as glass shards or pins. Be careful when performing maintenance.

5

Close the dust case lid.

Close until you hear a "click" sound.



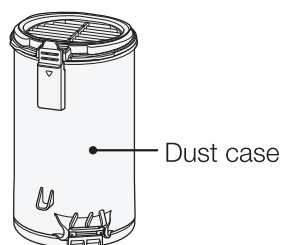
Cleaning the filters

Clean filter

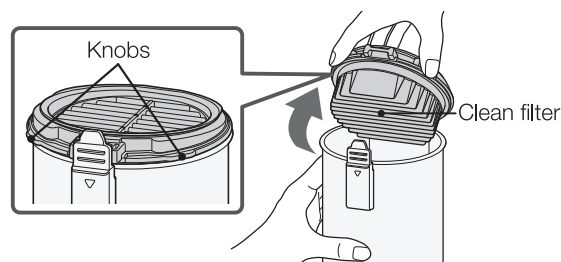
1

Open the clean filter.

1 Set the dust case on the floor.



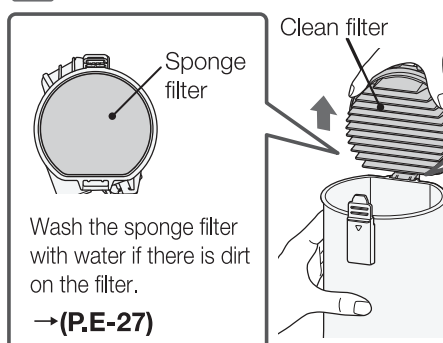
2 Grab and hold the lower part of the dust case, lift up the knobs of the clean filter, and open the cover in the direction indicated by the arrow.



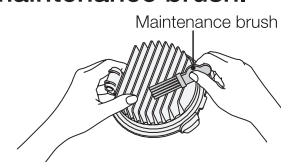
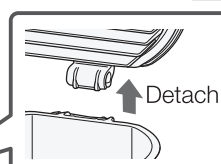
2

Remove dust and debris from the clean filter.

1 Detach the clean filter.



2 Remove attached dust and debris by using the maintenance brush.



Note

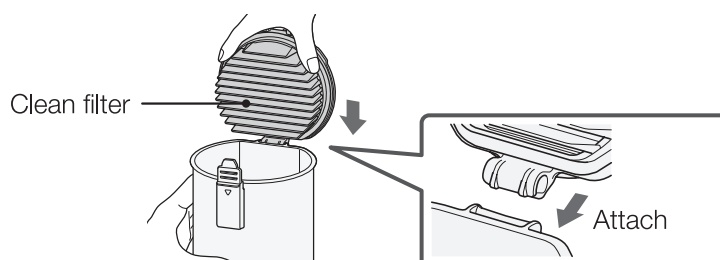
- When removing dust and debris, do not slap the clean filter onto the floor, etc. Failure to do so might cause damage.
- Be sure to attach the sponge filter after emptying the dust case or cleaning the filters.
- To clean the clean filter, use the maintenance brush that was provided with the vacuum cleaner.

Perform maintenance (wash with water) when you are concerned about dirt or the suction power is weak. → (P.E-27)

3

Attach the clean filter.

Attach the clean filter in the reverse order of removal.



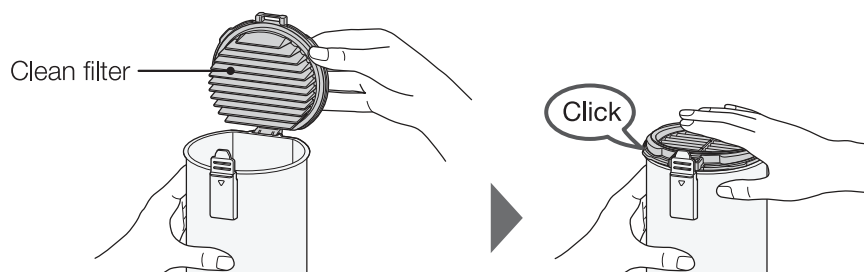
4

Close the clean filter.

Press firmly until you hear a "click" sound.

Note

Make sure the sponge filter is attached.

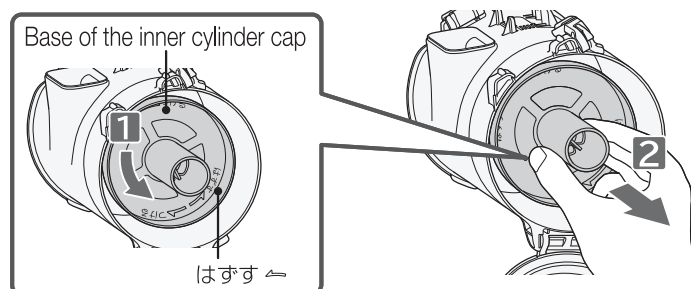


Emptying the dust case and cleaning the filters (continued)

Inner cylinder filter • inner cylinder cap

1 Open the dust case lid →(P.E-22) and remove the inner cylinder filter.

- 1 Turn the はずす mark on the cap
- 2 Lift the inner cylinder filter straight up.

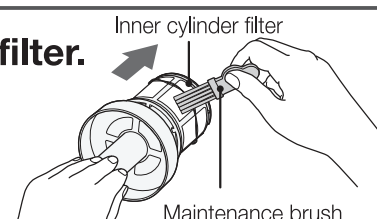


Note

Dust and debris might spill when the dust case is removed. Remove the dust case over a newspaper, etc.

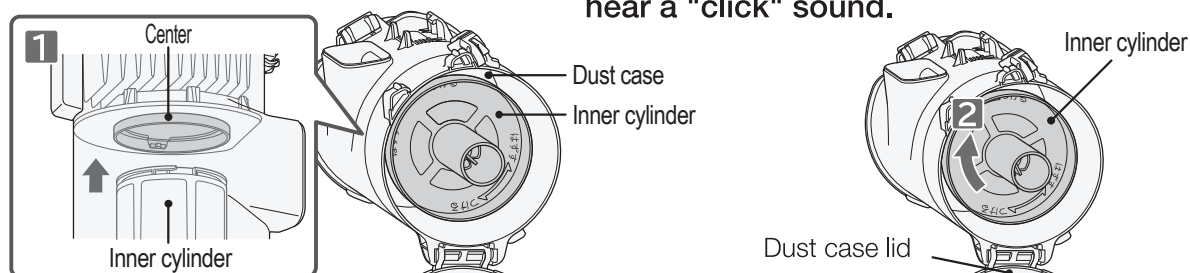
2 Remove dust and debris from the inner cylinder filter.

You can easily remove dust and debris caught in the inner cylinder filter by sliding the maintenance brush in the direction indicated by the arrow.



3 Attach the inner cylinder filter and close the dust case lid.→(P.E-22)

- 1 Inner cylinder fill in the center of the dust case
- 2 Turn the つける mark on the cap on the dust case until you hear a "click" sound.

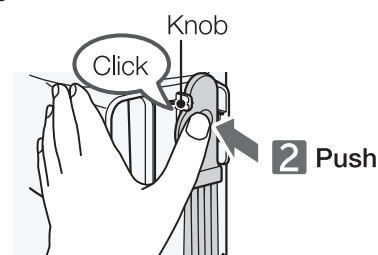
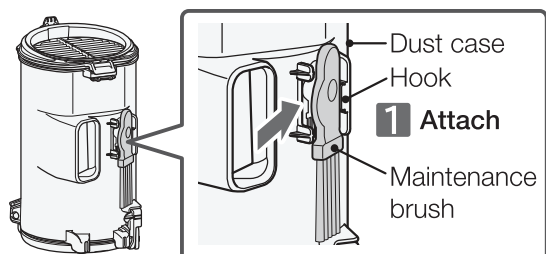


Note

If the filter is not securely attached, it might fall when you empty the dust case. Similarly, if you use the vacuum cleaner without securely attaching the filter, strange sounds might come from around the filter.

4 Attach the maintenance brush to the back side of the dust case.

- 1 Attach the maintenance brush to the hook of the dust case.
- 2 Firmly attach the knob of the maintenance brush until you hear a "click" sound.



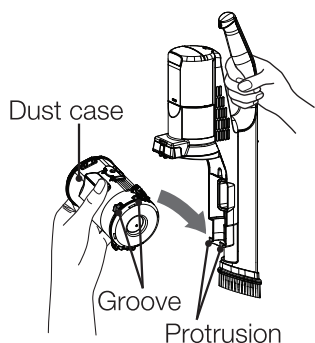
Note

If the maintenance brush is not securely attached to the back of the dust case, the brush might fall off when you use the vacuum cleaner. Securely attach the maintenance brush to the back side of the dust case.

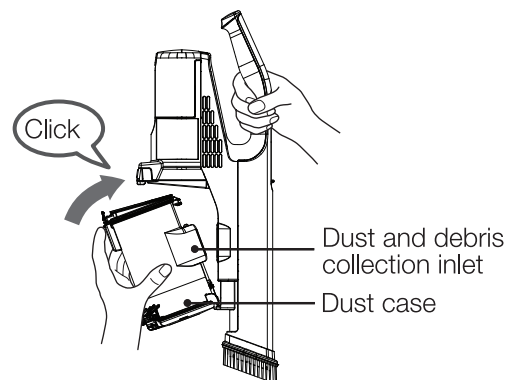
Attaching the dust case

Attach the dust case

- 1 Attach the groove of the dust case to the protrusion of the vacuum cleaner.



- 2 Firmly attach the dust case until you hear a "click" sound.



WARNING

Risk of injury

Do not leave the vacuum cleaner leaned up against furniture and place it horizontally on a flat surface.



CAUTION

Risk of injury or damage to the floor.

- When carrying the vacuum cleaner while it is set on the charging station, the vacuum cleaner might detach.
- Do not move the vacuum cleaner on the floor while it is set on the charging station.

Maintenance

To clean with high suction power, we recommend performing frequent maintenance.

Vacuum cleaner, attachments, attachment accessories

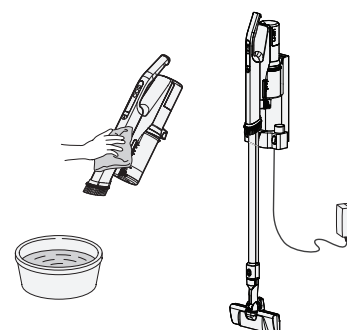
Perform maintenance when you are concerned about dirt.
Moisten a soft cloth and then wring it out thoroughly.



WARNING

Risk of eruption, fire, electric shock, or injury.

- When cleaning the charging station, unplug the plug of AC adapter from outlet.
- When cleaning the vacuum cleaner, disconnect the connector of AC adapter from vacuum cleaner.
- Do not use flammable objects, combustibles (thinner, benzene), etc.



CAUTION

Risk of injury

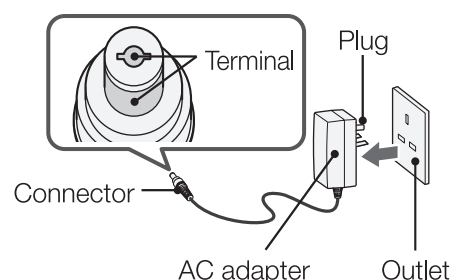
Before performing maintenance on the vacuum cleaner, make sure the vacuum cleaner is turned off.

Note

Do not use alcohol, cleansers, chemical dust cloths, etc.
They might cause cracks or discoloration.

Terminals on the AC adapter

Disconnect the plug of the AC adapter from the outlet, and then use a soft, dry cloth to wipe the terminals of the connector.



Washable Parts

You can wash the following parts: two-way crevice nozzle → (P.E-18), handy brush → (P.E-16), multi angle nozzle with brush → (P.E-19), clean filter → (P.E-27), sponge filter → (P.E-27), inner cylinder filter and dust case → (P.E-27 to E-28), and rotary brushes → (P.E-30).

Do not wash any other attachments or parts with water.

After washing any attachment or part with water, allow it to dry thoroughly before using it.

About 24 hours is required for the clean filter and sponge filter to dry.

(The drying time varies depending on the environment and season.)

Note

During maintenance, fine dust and debris might disperse into the air. Perform maintenance in a well-ventilated environment (for example, outdoors) or wear a mask to avoid breathing in the dust and debris.

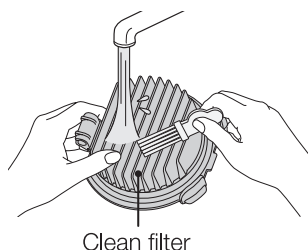
Maintaining (washing with water) the filters

Wash the filters with water, if the filter indicator blinks in red or the vacuum cleaner's suction power is weak.

Clean filter, sponge filter

1 Wash the filters with water by using the maintenance brush.

- Gently remove any attached dust and debris from the filters before washing them with water.
- Detach and then wash the clean filter with water → (P.E-23)
- When washing the clean filter with water, thoroughly remove any dust and debris stuck in its folds.



CAUTION

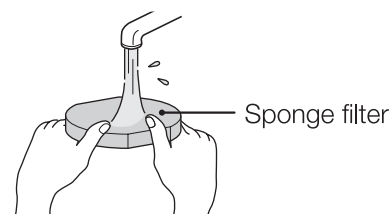
Risk of injury

You might have unintentionally vacuumed sharp objects such as glass shards or pins. Be careful when performing maintenance.

Note

To clean the clean filter, use the maintenance brush that was provided with the vacuum cleaner.

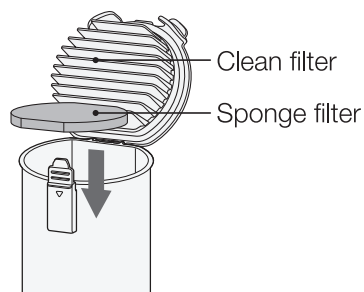
2 To wash the sponge filter, gently squeeze the sponge filter while holding it under running water.



3 Air dry the filter.

- Drying the clean filter and the sponge filter requires approx. 24 hours. (The drying time varies depending on the environment and season.)
- Also, do not dry it with hot air such as that from a hair dryer. Doing so might cause a performance degrade, damage, or deformation.

4 Attach the sponge filter.



Note

- Be sure to attach the sponge filter. If you do not attach the sponge filter, the clean filter might become clogged after a short period of use or the vacuum cleaner might make strange sounds.
- After washing the filter with water, allow it to thoroughly air dry before you reassemble it. Do not use them without drying. Doing so might clog the filters soon and cause weak suction power or abnormal odor.

5 Attach the clean filter.

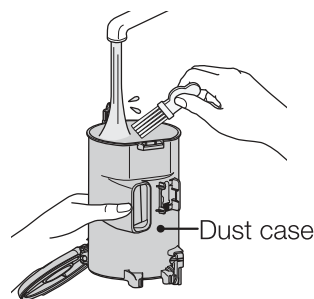
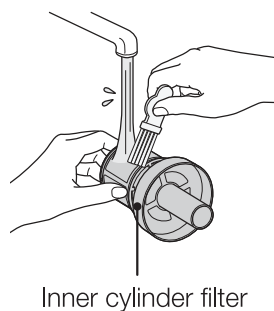
Attach the reverse order of removal. → (P.E-23)

Maintenance (continued)

Inner cylinder filter • inner cylinder cap

1 Remove the inner cylinder filter. →(P.E-24)

2 Wash the inner cylinder filter and dust case with water.



Note

- Gently remove any attached dust and debris from the filters before washing them with water.
- Drain the water attached to the inner cylinder filter thoroughly after washing.

3 Air dry the filter.

- After washing the filter, allow it to thoroughly air dry before you reassemble it.
Do not use it without drying. Doing so might clog the filters soon and cause weak suction power or abnormal odor.
- Also, do not dry it with hot air such as that from a hair dryer.
Doing so might cause a performance degrade, damage, or deformation.

4 Attach the inner cylinder filter. →(P.E-24)



CAUTION

Risk of damage to the vacuum cleaner

Attach the dust case and filters before operation.
If any dust and debris enters the motor, the filter inside the vacuum cleaner might be clogged and strange sounds might come from the vacuum cleaner.
In this case, please consult a Hitachi authorized service agent.

Note

If the suction power is weak even after washing the filters with water, the clean filter, sponge filter, etc. might be worn.
To request replacement, please contact a Hitachi authorized service agent.

Cleaning the power heads

Maintaining the power head

- Perform maintenance when suction power is weak or when dirt becomes a concern.
- We recommend periodic maintenance (about once a month).

Dust and debris stuck to the safety switch, rotary brush, brushes, wheels, air inlet, and rotating sections might cause reductions in suction power or malfunctions.



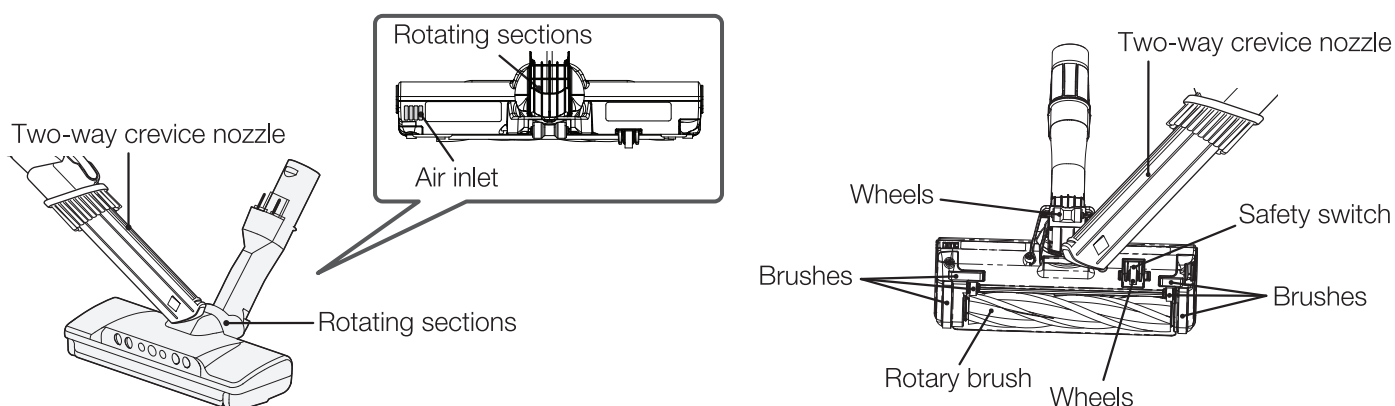
CAUTION

Risk of injury

Before performing maintenance, detach the power head from the vacuum cleaner or extension pipe and smart hose.

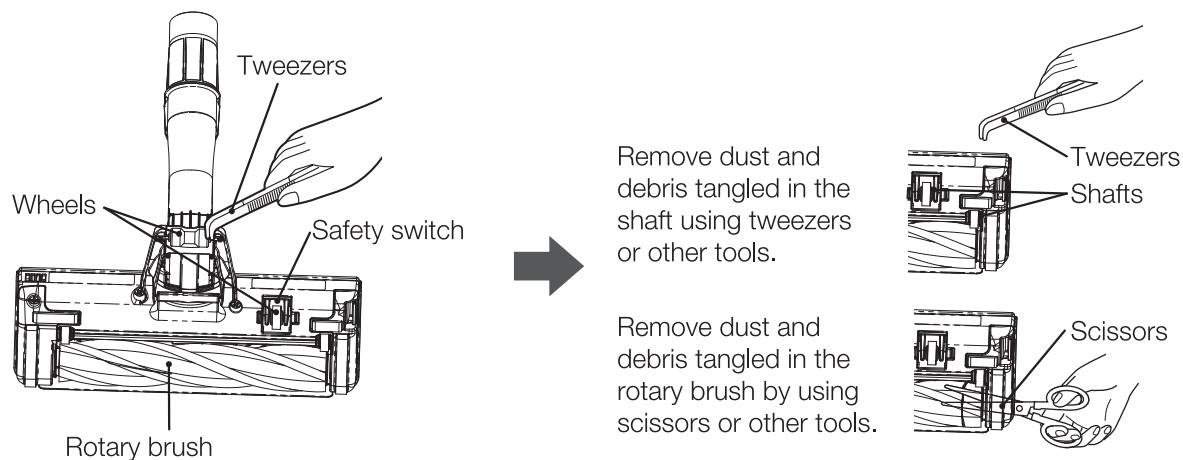
Remove attached dust and debris

Remove the attached dust and debris by using the two-way crevice nozzle or other tools.



Remove tangled dust and debris

Remove tangled dust and debris using tweezers, etc.



CAUTION

Risk of damage to the floor

- If dust and debris gets tangled in the wheels, the wheels cannot rotate, which might cause wear and tear and floor damage.
- After extended use, the brushes, wheels, and rotary brush might wear down. Using the power head while they are worn out might damage the floor. You cannot replace the brushes or wheels by yourself. Please contact a Hitachi authorized service agent to have the brushes, wheels, and rotary brush replaced as a set.

Note

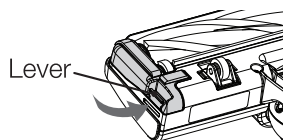
Do not subject the safety switch to excessive force. Failure to do so might cause damage.

Cleaning the power heads (continued)

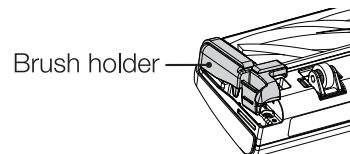
Rotary brush maintenance

1 Remove the brush holder.

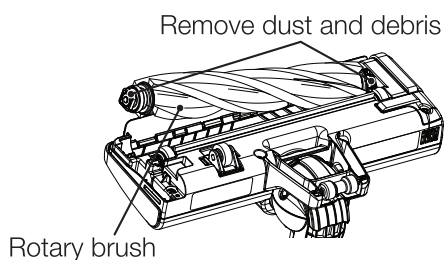
1 Flip over the power head and open the lever.



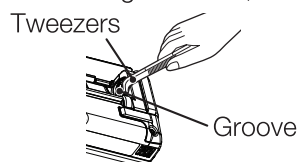
2 Remove the brush holder.



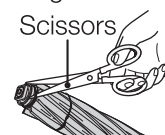
2 Detach the rotary brush and remove dust and debris.



Remove dust and debris tangled in the groove using tweezers, etc.

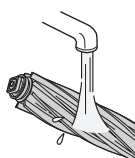


Remove dust and debris tangled in the rotary brush by using scissors.

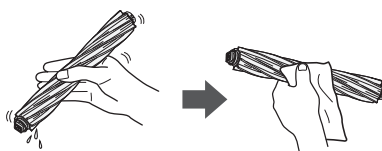


To wash the rotary brush with water

1 Wash with water.



2 Shake to remove excessive water.



3 Thoroughly air dry.

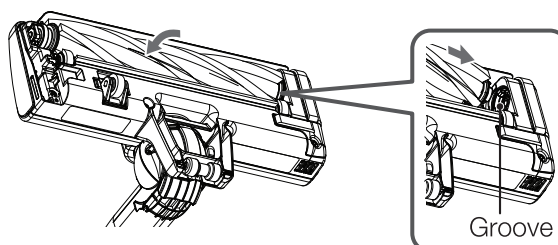
Lean them against an object to dry in the shade.



Note

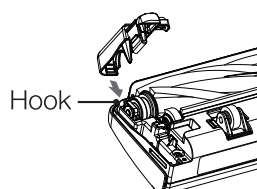
- Do not use cleansers, bleach, etc. Doing so might cause discoloration, deformation, etc.
- After washing with water, thoroughly air dry it in the shade before attaching it. Drying it requires approx. 24 hours. (The drying time varies depending on the environment and season.)

3 Adjust the rotary brush with the groove and attach it to its original position.

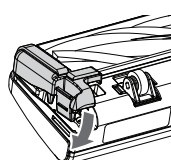


4 Attach the brush holder.

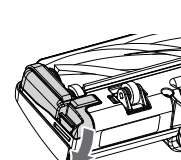
1 Insert the hook.



2 Attach the brush holder.



3 Close the lever.



Note

When attaching the brush holder, fasten the hook first. Failure to do so might cause damage.


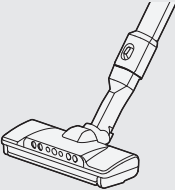
Troubleshooting

Before requesting for repair


Check the following points again

The vacuum cleaner does not operate, or stops while the vacuum cleaner is running. The suction power is weak. The rotary brush does not rotate.

The safeguard might be operating. Release the safeguard with the following instructions.

Safeguard and cause	Suction power of the vacuum cleaner becomes weak or stops while the vacuum cleaner is running.		The rotary brush of the power head	
	<p>To prevent the vacuum motor or the battery from overheating, the vacuum cleaner might sometimes automatically enter safe mode, in which the vacuum cleaner runs with less electricity and reduced suction power.</p> 		<p>If the vacuum cleaner is continuously operated in a state where there is a lot of resistance to the rotary brush, the rotation of the rotary brush stops automatically to prevent the motor from overheating.</p> 	
	The filter indicator is blinking (about two times per second).		The filter indicator is blinking (about two times per second).	
	Filter indicator is off, or the battery indicator is blinking slowly (about once per two seconds).		Filter indicator is off.	
	Dust and debris clogged in clean filter or sponge filter → ①		Dust and debris clogged in clean filter or sponge filter → ①	
	Operation while blocking the inlet → ②		Operation while blocking the inlet → ②	
	The battery is hot → ③		Foreign substance stuck in vacuum cleaner → ④	
	The vacuum cleaner motor is hot → ③		Power head pressed against the area to clean → ⑤	


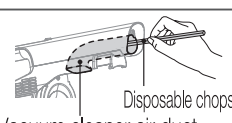
If the vacuum cleaner continues to operate further, it stops automatically.

Instructions	Press the  button of the vacuum cleaner to stop operation.				
	①	②	③	④	⑤
	Empty the dust case or maintain the dust case or filters.				
	→ (PE-20~E-24, E-27~E-28)				
	Remove the object that is blocking the inlet.				
	Let the vacuum cleaner cool down. (It might take some time before the vacuum cleaner cools down.)				
	Remove the foreign substance from the rotary brush				
	→ (PE-29~E-30)				
	Do not firmly press the power head or mini power head against the floor or carpet.]				

The safeguard is released after 5 to 60 minutes, and you can use the cleaner normally.

Troubleshooting (continued)

Other problems

Problem	Things to check	Instructions	Page
Suction power becomes weak or stops during operation.	Is the remaining battery level low? [Battery indicator is blinking (about two times per second)]	Charge the vacuum cleaner by setting the vacuum cleaner on the charging station or by connecting the AC adapter to the vacuum cleaner.	P.E-11
	Is the exhaust abnormally hot?	Stop operation by pressing the control button. Wait for the vacuum cleaner to cool down, and then start operation again.	—
	When continuously operating on "High" in places of high temperature, such as under direct sunlight or in cars exposed to the sun, the safeguard might operate and the suction power might become weak to prevent the vacuum cleaner motor and battery from overheating.		P.E-31
Suction power becomes weak or stops during operation. (Filter indicator is blinking.) The operation sound increased.	Is the dust case full of dust and debris?	Empty the dust case.	P.E-20 E-22
	Is dust and debris stuck in the filters?	Clean the filters (wash with water).	P.E-23 E-25 P.E-27 E-28
	Is dust and debris clogging the vacuum cleaner air duct?	Remove the dust and debris using disposable chopsticks, etc.  Disposable chopsticks Vacuum cleaner air duct	—
	Is dust and debris clogging the power head	Remove the dust and debris.	P.E-29 to E-30
	Did you vacuum fine sand or dust and debris?	Empty the dust case and perform maintenance (wash with water) on the filters.	P.E-20 to E-24 P.E-27 E-28
The cleaner does not operate, or stops during operation	Is the remaining battery level low?	Charge the battery.	P.E-11
	Is the vacuum cleaner being charged?	Remove the vacuum cleaner from the charging station or disconnect the AC adapter.	—
Operating time is short even after charging	Is the room temperature lower than 5°C or higher than 35°C?	When using the vacuum cleaner or charging the battery, make sure the ambient temperature is between 5°C and 35°C.	P.E-11
	Are you using the vacuum cleaner in a cold place?	Leave the vacuum cleaner in an area where the ambient temperature is between 5°C and 35°C. Wait for the vacuum cleaner to warm up, and then try again.	—
	Did you leave the vacuum cleaner unattended for a long period of time without charging it?	The battery capacity might be temporarily recovering poorly. Repeat the procedure of using the cleaner until the battery is exhausted and charging fully 2 or 3 times.	P.E-11
	Is the battery exhausted?	If the vacuum cleaner stops running after a short time even though it is fully charged and the filters are clean (wash with water), you might need to replace the battery. Please consult with a Hitachi authorized service agent.	P.E-20 to E-24 P.E-27 E-28
The exhaust or vacuum cleaner gets warm (during operation)	The motor is being cooled via air flow, which is normal.		—
The vacuum cleaner or AC adapter gets warm (during charging).	It gets warm due to the flow of electrical current to the control circuit, which is normal.		—
The exhaust smells strange.	Is dust and debris stuck in the filters?	Perform maintenance for (wash with water) each filter.	P.E-27 E-28
	Are the filters thoroughly dried after washing?	After washing with water, thoroughly air dry the filters.	
There are abnormal sounds coming from around the dust case.	Are the clean filter and dust case securely attached?	Securely attach them.	P.E-23 to E-25
	Is dust and debris clogging the vacuum cleaner air duct?	Remove the dust and debris using disposable chopsticks, etc.  Disposable chopsticks Vacuum cleaner air duct	—

Problem	Things to check	Instructions	Page
The dust and debris of the dust case does not rotate	Dust and debris might not rotate depending on the type of dust and debris and how it accumulates, which is normal.		–
Dust and debris spills out of the vacuum cleaner when the dust case is removed.	Has the dust and debris in the dust case exceeded the max line of the dust case?	Dispose the dust and debris before it exceeds the max line of the dust case.	P.E-20 to E-22
Dust and debris spills out when attachments are removed.	Has the dust and debris in the dust case exceeded the max line of the dust case?	Dispose the dust and debris before it exceeds the max line of the dust case.	P.E-20 to E-22
	If operation is stopped while the vacuum cleaner is in operation facing upwards, dust and debris might remain in the vacuum cleaner air duct. Stop operation while the vacuum cleaner is facing downwards.		–
The rotary brush of the power head stops or rotates poorly.	Is the remaining battery level low? [Battery indicator blinks (about two times per second)]	Charge the battery.	P.E-11
	Are the power head securely attached?	Securely attach it.	P.E-2
	Did you lift the power head off of the surface (floor or fabric) to be cleaned?	The power head are designed to stop rotating when they are not in contact with a surface to be cleaned. Make sure the power head is in contact with the surface to be cleaned.	P.E-15 P.E-17
	Is dust and debris stuck to the rotary brush, safety switch, etc.?	Remove the dust and debris.	P.E-29 to E-30
The rotary brush of the power head stops, or the LED lights turn off. (The filter indicator blinks.)	The rotary brush might stop automatically to prevent the power head motor from overheating.	Empty the dust case and perform maintenance (wash with water) on the filters. Remove the object that is blocking the inlet.	P.E-20 to E-24 P.E-27 E-28
The power head or the brush left a mark on the floor.	Remove with a soft cloth, etc.		P.E-15,E-16, E-19
LED lights are dim	Is the remaining battery level low?	Charge the battery.	P.E-11
There is a clattering sound coming from the power head	This sound is produced because of the way the safety switch is designed. The sound does not indicate a problem with the product.		–
The battery Indicator does not turn on (remains off) even after the vacuum cleaner is charged.	Is the AC adapter firmly plugged into the outlet?	Firmly insert the plug.	P.E-11
	Is the connector of the AC adapter firmly inserted into the vacuum cleaner?	Firmly insert the connector.	
	Is the battery fully charged?	When fully charged, the battery Indicator turns off.	
	Are the terminals on the AC adapter or vacuum cleaner dirty?	Unplug the plug and remove the battery, and remove the dust and debris on the terminals with a dry cloth.	–
	Did you not use the vacuum cleaner and leave it unattended for a long period of time without charging it? When leaving it unattended, the battery might have to be replaced because its performance and life might be deteriorated. Please consult with the Hitachi authorized service agent.		–

Troubleshooting (continued)

Problem	Things to check	Instructions	Page
The battery indicator blinks quickly (about four times per second), even when the connector of the AC adapter is inserted into the terminal on the vacuum cleaner.	Are you using the AC adapter that was provided with the vacuum cleaner?	Do not use an AC adapter other than the one that was provided with the vacuum cleaner.	P.E-11
	Either the battery is consumed, or the battery or AC adapter is damaged. Please consult with a Hitachi authorized service agent.		—
The battery indicator blinks quickly (about four times per second).	Quick blinking of the battery indicator (about four times per second) indicates that either the battery is consumed or the battery is damaged. If the battery indicator continues to blink quickly even after you connect the AC adapter to the vacuum cleaner again, please consult with a Hitachi authorized service agent.		—
The battery indicator blinks slowly (about once per two seconds).	If the battery indicator blinks slowly (about once per two seconds), this indicates that the vacuum cleaner is running in safe mode with reduced suction power in order to prevent overheating of the vacuum cleaner's motor or battery.	Wait for the vacuum cleaner to cool down, and then start operation again.	P.E-31
It takes a long time to charge.	Did the vacuum cleaner not heat up when the connector of the AC adapter was inserted into the terminal of the vacuum cleaner?	The safeguard is operating, which is normal. When fully charged, the battery indicator turns off.	P.E-9
	Is the room temperature lower than 5 °C or higher than 35 °C?	Charge in areas where the room temperature is between 5 °C and 35 °C.	P.E-8
	Charging time of battery might be longer according to the usage environment and conditions such as the ambient temperature and how long the vacuum cleaner was in use.		P.E-9
	If the battery indicator remains lit even after the battery has been charged for over 7 hours, the device might be damaged. Please consult with a Hitachi authorized service agent.		—
The battery indicator blinks while the battery is charging.	Is the room temperature lower than 5 °C or higher than 35 °C?	Charge in areas where the room temperature is between 5 °C and 35 °C.	P.E-9
If the problem persists		Do not attempt to repair it yourself. Please contact a Hitachi authorized service agent.	—

Replacing the battery and disposing of the vacuum cleaner



- Do not connect the battery to anything other than this vacuum cleaner. Do not disassemble, modify, or solder the battery. Do not charge the battery when it is not connected to the vacuum cleaner. Replacement of the battery is only to be performed by a trained service technician. Failure to heed this warning might cause the battery to leak, generate heat, rupture, smoke, fire, electric shock, or injury.
- Do not attempt to use a vacuum cleaner (whose screws have been removed, etc.) from which you attempted to remove a battery.

Replacing the battery

The battery is a consumable item. When the usage time of the battery becomes short even when properly charging, the life of the battery has reached its end.

If the battery has reached the end of its life, please contact a Hitachi authorized service agent to request the replacement of the battery.

Parts will be replaced at additional cost (parts & labor) and will be born by customers.

Replacing the battery and disposing of the vacuum cleaner (continued)

To prevent damage to property and personal injury, please thoroughly read the Safety precautions → (P.E-4 to E-8) and dispose the product properly.

Recycling the battery (when disposing of the product)

This product uses a lithium-ion battery.

Lithium-ion batteries are a valuable, recyclable resource.



To dispose of the vacuum cleaner, detach the battery according to the following procedure, and then bring the vacuum cleaner to a Hitachi authorized service agent or one of our recycling partner stores. Alternatively, ask local authorities about the proper method of disposing of the vacuum cleaner, and follow your local recycling regulations. *Recycling rules might vary depending on the local authorities.

Detaching the battery (when disposing of the product)

Prepare the tools listed on the right, and follow the procedure to detach the battery.

Tools to prepare

Phillips screwdriver, wire cutters, and vinyl tape

1 Use the vacuum cleaner until the battery is completely flat and the vacuum cleaner can no longer operate.

Press the control buttons and make sure that the battery indicator does not turn on.



WARNING

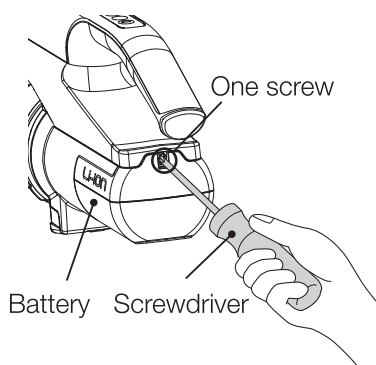
Risk of electric shock or injury

If the battery is not completely flat, the motor might start running while the battery is being removed.

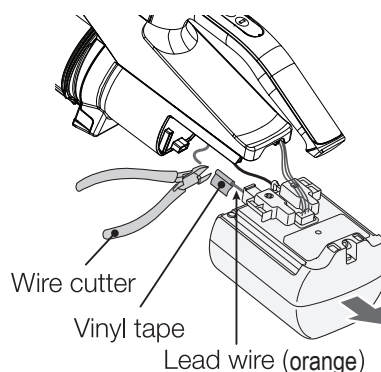
2 Removing the dust case → (P.E-21), the extension pipe, and the power head → (P.E-2)

3 Detach the battery.

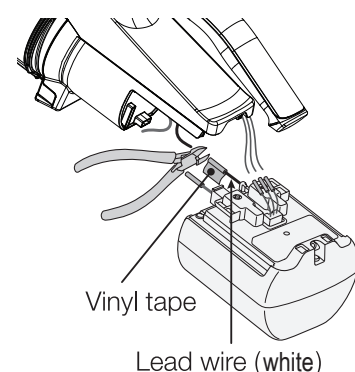
1 Use a screwdriver to remove the screw securing the battery.



2 Pull the battery out, use a wire cutter to cut the red lead wire connecting the battery to the vacuum cleaner at a position along the red wire approximately two centimeters away from the battery, and wrap the wire with vinyl tape to insulate the wire.



3 Use the wire cutter to cut the remaining lead wires one at a time at positions along each wire approximately two centimeters from the battery. Wrap each wire in vinyl tape to insulate them.



WARNING

Risk of fire, electric shock, or injury

- Do not press the control buttons when removing the battery. The motor might start running.
- When cutting the lead wires, cut the wires one at a time.

Specifications

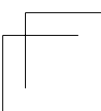
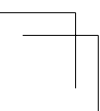
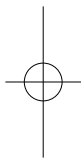
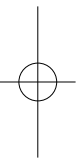
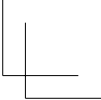
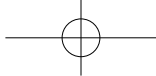
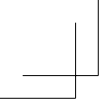
Product name		Cordless Stick Vacuum Cleaner	
Model name		PV-XL2K	PV-XL1K
Vacuum cleaner	Rated voltage	DC18V	DC18V
	Nominal capacity	2,100mAh	2,100mAh
	Dust bin capacity	0.35L	0.35L
	Dust capacity (Max. line)	0.25L	0.25L
	Battery	Lithium-ion battery (5 cells)	Lithium-ion battery (5 cells)
	Continuous operating time*	High : Approx. 8 minutes Standard : Approx. 30 minutes (with Power head) Standard : Approx. 45 minutes (without Power head) (At full charge, new battery, 20° C)	High : Approx. 8 minutes Standard : Approx. 30 minutes (with Power head) Standard : Approx. 45 minutes (without Power head) (At full charge, new battery, 20° C)
	Dimensions	Stick cleaner (L × W × H)	240mm X 230mm X 1,180mm
		Hand-held vacuum cleaner (L × W × H)	171mm X 90mm X 430mm
Weight	Stick cleaner	1.5 kg	1.5 kg
	Hand-held vacuum cleaner	1.05 kg	1.05 kg
AC adapter	Input	AC220-240V 50-60Hz 0.3A	AC220-240V 50-60Hz 0.3A
	Output	DC 21.5V 0.9A	DC 21.5V 0.9A
	Charge time	Approx. 3.5 hours(Varies depending on room temperature, operating time, etc.)	Approx. 3.5 hours(Varies depending on room temperature, operating time, etc.)
	Cord length	1.6m	1.6m
Charging station	Outer dimensions (L × W × H)	134mm X 187mm X 331mm	134mm X 187mm X 331mm
	Weight	0.34kg	0.34kg
Attachments		Power head1pc. Extension pipe1pc. AC adapter*11pc. Wall bracket1pc.	Power head1pc. Extension pipe1pc. AC adapter*11pc. Wall bracket1pc.
Attachment accessories		Handy brush1pc. 2-way crevice nozzle1pc. Mini bed nozzle1pc. Multi angle nozzle with brush1pc.	Handy brush1pc. 2-way crevice nozzle1pc. - -

Note: The battery life varies depending on the ambient temperature and other conditions under which the vacuum cleaner is used.

*1)PVA-T02-BS : BS type plug shape

PVA-T02-VDE : VDE type plug shape

CHINA



使用說明書

日立

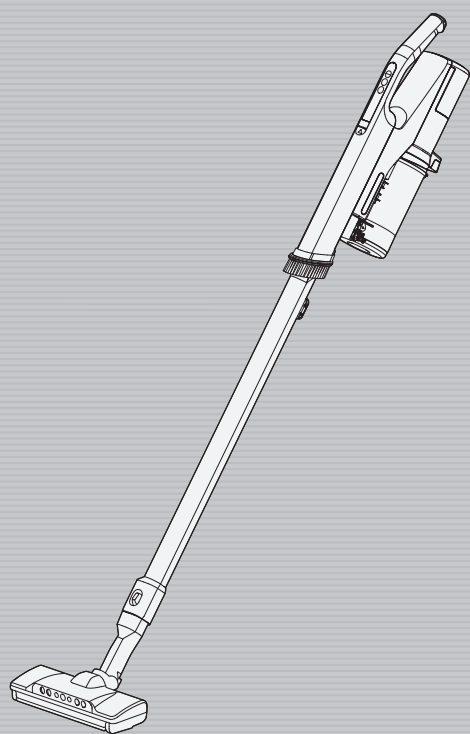
無線直立・手提

旋風式吸塵機

型號

PV-XL2K

PV-XL1K



承蒙選擇日立無線直立・手提旋風式吸塵機，僅此感謝。
此型吸塵機是家庭使用型，並非供商業使用。
請詳閱此說明書並正確使用。
請詳閱後，妥善保存。

請詳閱安全注意事項 → (C-4 至 C-8 頁)，
並正確使用。

HITACHI

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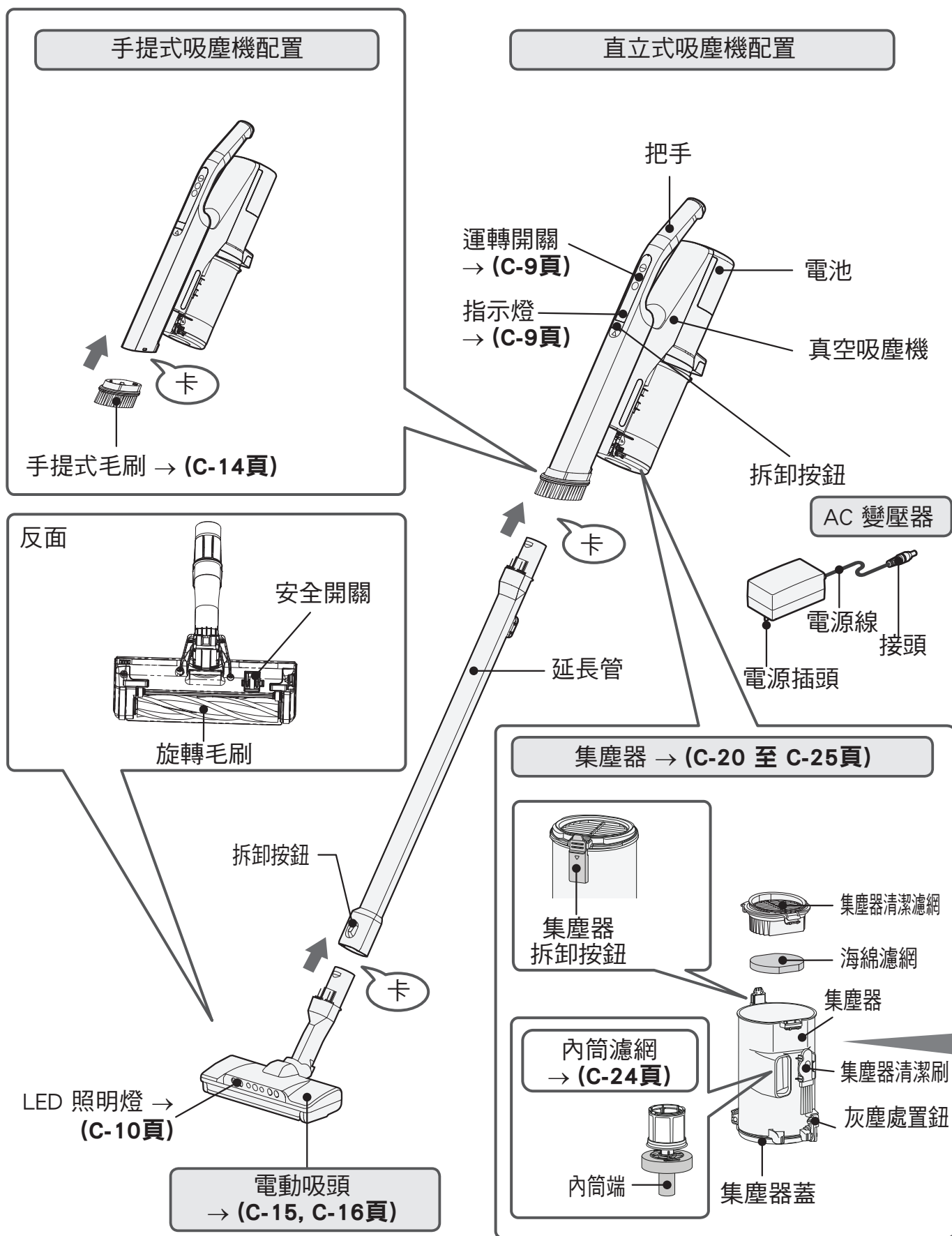
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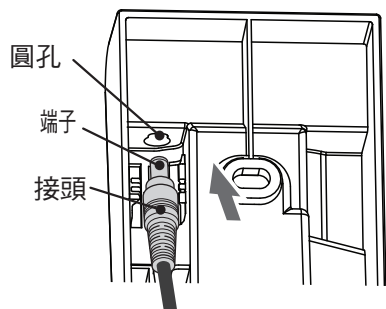
各部位名稱與安裝方法



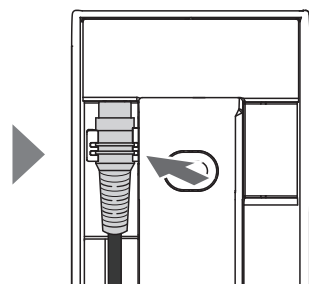
充電座 → (C-11 至 C-14頁)

您可以將真空吸塵機直接連接至 AC 變壓器，將真空吸塵機充電，而不使用充電座。→ (C-11頁)

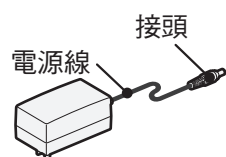
1 將接頭端子插入圓孔，並插到底。



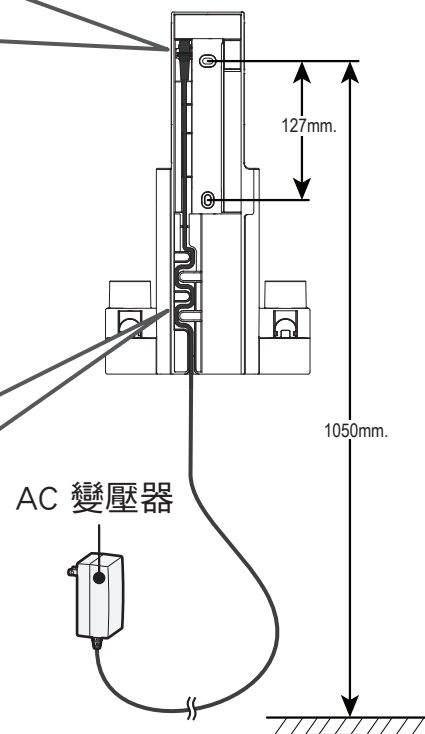
2 依照箭頭指示的方向推入接頭，直到端子完全垂直為止。



AC 變壓器

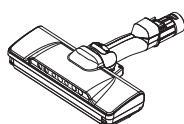


在充電座上，於凸起處之間插入電源線，以便對齊每個位置的電源線。

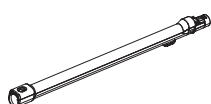


標準配件

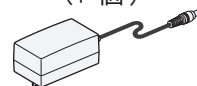
電動吸頭 (1 個)
(D-DP29)
→ (C-15頁)



延長管
(1 個)

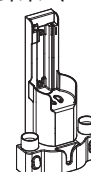


AC 變壓器
PVA-T02-***)*1
(1 個)



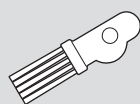
*1)PVA-T02-BS：BS 型插頭形狀
PVA-T02-VDE：VDE 型插頭形狀

充電座
壁掛架 (1 個)



附件

集塵器清潔刷 (1 個)

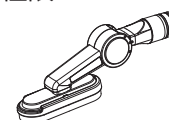


(裝上集塵器背面)

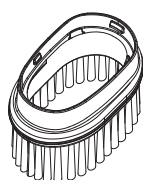
床褥吸頭 (1 個)
→ (C-17頁)
(僅限 PV-XL2K)



多角度微塵毛刷 (1 個)
→ (C-19頁)
(僅限 PV-XL2K)

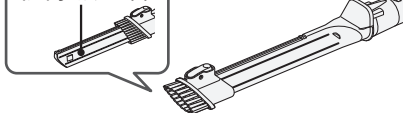


裝在集塵器背面的手提式毛刷 (1 個) → (C-16頁)



雙向縫隙吸塵管 (1 個) → (C-18頁)

縫隙吸塵管



安全注意事項

請務必遵守這些安全注意事項。

本節說明必須遵守的安全注意事項，以免造成使用者或他人受傷，或財產損失。請徹底閱讀並遵守本說明書中的安全注意事項。

■ 因忽略這些安全注意事項或不當使用真空吸塵機，可能導致的危害和傷害程度分類說明如下。日立對於因忽略這些注意事項而導致的任何傷害或損害概不負責。

⚠ 危險

忽略此一標示可能發生身負重傷或死亡的迫切危險。

⚠ 警告

忽略此一標示可能發生身負重傷或死亡。

⚠ 注意

略此一標示可能發生受傷或財產損失。

本說明書中使用的警告符號



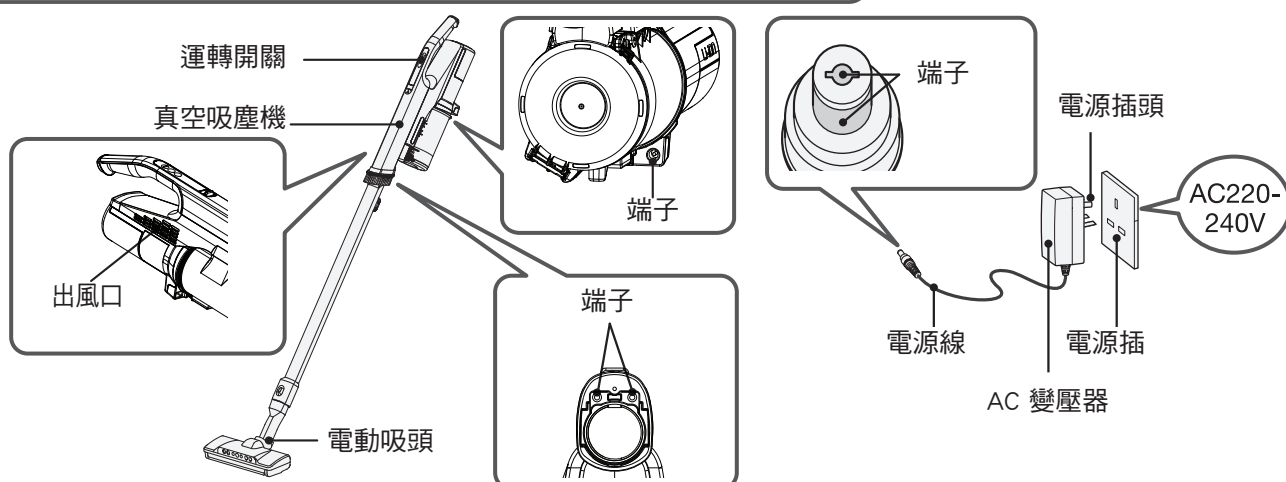
此一標示為警告或注意事項。



此一標示為絕對不可以做之禁止事項。



此一標示為務必實行之事項。



⚠ 危險



- 請勿修理或改造真空吸塵機的任何部分。除非本說明書指示，否則請勿拆解真空吸塵機的任何部分。
如果未留意此警告，則可能導致電池漏液、發熱、起火或受傷。
如需維修，請洽日立授權維修代理商。
- 請讓真空吸塵機和 AC 變壓器遠離水及其他液體。
如果未留意此警告，則可能導致電池破裂、起火、故障或觸電。
- 請勿將真空吸塵機和 AC 變壓器的端子連接至如電線和別針等金屬物體。
請勿將產品與金屬項鍊、髮夾等物品一併搬運或存放。
如果未留意此警告，則可能導致真空吸塵機故障，或導致電池短路，使電池漏液、發熱、破裂或起火。
- 請勿丟入火中或加熱。
- 請勿在如火或爐具等熱源處附近、陽光直射處或受陽光照射的車內等處，進行充電、使用或留置。
如果未留意此警告，則可能導致電池漏液、發熱、破裂、冒煙、起火、變形或故障。

警告

如果吸塵機故障或您注意到任何以下問題，請立刻停止使用真空吸塵機。



- 充完電後按下運轉開關也不運轉。
- 移動 AC 變壓器電源線或電源插頭時，電源開啟然後關閉。
- 運轉中常常無故停止運轉。
- 運轉中發出異常聲響。
- 機身或 AC 變壓器變形或異常灼熱。
- 電源線損壞或異常灼熱。
- 有燒焦臭味。
- 您注意到其他問題或故障。

如果在這些狀況下仍持續使用真空吸塵機可能會產生煙霧、起火或觸電。請立即關閉真空吸塵機，從電源插座拔下 AC 變壓器。然後聯絡日立授權維修代理商檢查及維修。

電源插座、電源插頭、電源線及 AC 變壓器

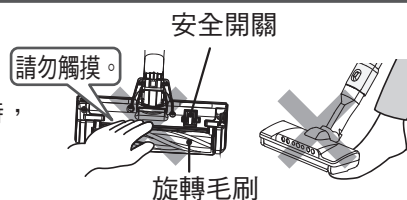


- 與 AC220-240V 電源插座搭配使用。
請勿使用延長線。請勿與其他電器共用同一個插座。
- 定期用乾布清潔電源插頭上的灰塵與碎屑。
- 請將 AC 變壓器的電源插頭完全插入插座。
- 請勿損壞電源線。
(請勿損壞或修改電源線。請勿過度彎曲、綑綁、拉扯、扭曲電源線，也不要將重物放在電源線上或夾在物體之間。)
- 如果電源線或 AC 變壓器的電源插頭或接頭損壞，請勿使用真空吸塵機。請勿將 AC 變壓器插入鬆動的插座。
- 請確定電源線未被捲入電動吸頭的旋轉毛刷。
- 請勿用濕手處理電源插頭（將電源插頭插入插座，或從插座拔下電源插頭）。
- 請勿觸摸 AC 變壓器或吸塵機的端子。
- 若要將真空吸塵機充電，請使用真空吸塵機隨附的 AC 變壓器。請勿嘗試使用其他 AC 變壓器給真空吸塵機充電。
- 請勿使用真空吸塵機隨附的 AC 變壓器為其他類型的電池充電，即使該電池是充電式電池。
如果未留意此警告，則可能導致起火或觸電。

電動吸頭（吸入口）



- 請勿觸摸安全開關或旋轉毛刷。
如果未留意此警告，則可能導致受傷。在兒童附近使用產品時，必須格外注意。
- 拉動電動吸頭時，請勿將電動吸頭放在身體上（腳等部位上）。
如果未留意此警告，則可能導致受傷。



其他



- 請勿在可燃性或易燃性物體或材料（煤油、汽油、油漆、稀釋劑、苯、碳粉、鐵粉、清潔劑、大量麵粉、氣溶膠噴霧、可燃性氣體、菸蒂等）附近使用真空吸塵機，或清理此類物體或材料。
- 請勿使用真空吸塵機打掃前端尖銳的東西（圖釘、針、牙籤、髮夾等）。
- 請勿使用真空吸塵機打掃地毯洗劑或其他類型清潔劑的肥皂水或泡沫。
- 請勿在室外使用真空吸塵機。
- 除非該部位列為可水洗，否則請勿用水洗真空吸塵機的任何部位。
- 請勿在淋浴間或浴缸使用真空吸塵機。
請勿在濕度高的地方為真空吸塵機充電或存放。
- 如果未留意此警告，則可能導致破裂、起火、觸電或受傷。
- 請勿將真空吸塵機靠在牆壁或其他表面上。
使用真空吸塵機立架時，請確定已裝上電動吸頭。



安全注意事項（續）

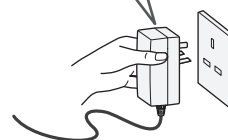
⚠ 注意

電源插座、AC 變壓器、電源線



- 拔下 AC 變壓器時，請握住 AC 變壓器，而不是拉電源線。
以拉扯電源線的方式拔下電源插頭可能會損壞電源線或造成短路，進而導致觸電或起火。
- 請勿將電源線纏繞在充電座上。
電源線損壞可能導致觸電或起火。
- 如果長時間不使用真空吸塵機，請務必拔下 AC 變壓器。
如果未留意此警告，則可能導致絕緣變差，進而導致觸電、短路或起火。

握住 AC 變壓器。



電動吸頭（吸入口）、延長管

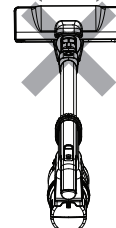


- 如果吸入口長時間堵塞，請勿操作真空吸塵機。
如果未留意此警告，則可能導致真空吸塵機與電動吸頭因過熱而起火或變形。
- 進行維護時，請將電動吸頭或迷你電動吸頭從真空吸塵機上拆下。
如果未留意此警告，則可能導致受傷。
- 請勿將本真空吸塵機的任何零件安裝至其他本真空吸塵機以外的物體。
如果未留意此警告，則可能導致電動吸頭因過熱而起火或變形。
- 請勿使用延長管末端打掃，請勿將別針或其他物體插入本真空或吸塵機的連接處，延長管。
否則可能導致短路，進而造成觸電、起火、故障及地板損壞。
- 電動吸頭或迷你電動吸頭朝向前方時，請勿左右移動。
否則地板或布料可能會損傷。
- 如果異物卡（包括砂礫或小卵石）在附件上，請勿使用任何附件。
如果未留意此警告，則可能導致地板或布料表面損傷。
- 請勿在地毯下或之間操作真空吸塵機。
如果未留意此警告，則可能導致因過熱而起火或變形。

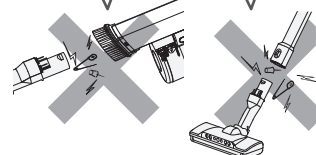


請勿堵塞

請勿左右滑動



不要卡到別針

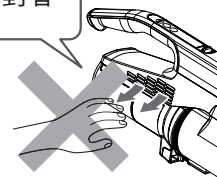


出風口



- 請勿堵塞出風口。
如果未留意此警告，則可能導致真空吸塵機因過熱而起火或變形。
- 請勿長時間讓身體對著由出風口吹出的風。
如果未留意此警告，則可能導致輕微灼傷。

請勿長時間讓身體對著出風口。



其他



- 搬運真空吸塵機時，請勿握住集塵器。
否則，真空吸塵機可能會掉落並導致受傷或損壞地板。
- 請勿接近火源。
如果未留意此警告，則可能因真空吸塵機變形而造成的短路導致起火。
如果在火源附近使用真空吸塵機，有可能因為出風，致使火勢變大而釀成火災。
- 進行維護前，請先關閉真空吸塵機。
如果未留意此警告，則可能導致受傷。
- 請勿在未安裝手提式毛刷的情況下使用真空吸塵機的末端進行清潔。
如果未留意此警告，則可能因短路而導致觸電、起火或損壞真空吸塵機或地板。
- 請勿將充電座放在形成結露或潮濕的位置。
否則可能導致牆壁變色。
- 請勿讓真空吸塵機、電動吸頭、延長管、AC 變壓器、充電座或任何附件配件從高處掉落。
如果未留意此警告，則可能因導致受傷或對地板或掉落的零件造成損壞。
- 請勿直視 LED 照明燈。
否則可能傷害眼睛。



- 應妥善照管小孩，不要讓他們玩耍本設備。
- 身體，感官或精神能力不足，或缺乏經驗及知識者（包括小孩）不得使用本設備，除非他們受到負有其安全責任的人員照管或關於使用本設備的指導。
- 只允許 8 歲以上的兒童使用 AC 變壓器。給予充分的指導，讓兒童能以安全的方式使用 AC 變壓器，並說明它不是玩具，不得玩弄。
- 指導小孩不要試圖對不可充電的電池進行充電，否則可能會使電池液噴出。
- 定期檢查 AC 變壓器是否損壞，尤其是電源線、電源插頭及外殼。如果 AC 變壓器損壞則不應使用。
- 不得在無人監督的情況下由兒童進行清潔和使用後維護。

安全注意事項（續）

電池（鋰離子電池）

危險



- 請勿將電池插入除本真空吸塵機以外的其他機器。請勿拆解、改造或焊接電池。電池未連接真空吸塵機時，請勿將電池充電。
請由受過訓練的服務技術人員更換電池。
只有在棄置本真空吸塵機時才可拆下電池。
請洽詢日立授權維修代理商。
- 請勿使用電線與別針等金屬物品觸碰端子或連接它們。
- 請將電池跟金屬物品（如項鍊、髮夾、硬幣或鑰匙）放在同一容器中運送或存放。
- 請勿讓電池受到強烈衝擊。例如請勿釘入釘子、用鎚子敲打、踩踏電池或丟擲電池。
- 請勿接近火源。
- 請勿將電池置於熱源附近，例如火或爐子、陽光直射處或受陽光照射的車內。
- 請勿使用本真空吸塵機專用電池以外的電池。
- 請勿將電池放入微波爐或烤箱。
- 請勿將電池浸入水或其他類型的液體中，或讓其他類型的液體濺到電池上。
如果未留意此警告，則可能導致電池漏液、發熱、破裂、冒煙、起火、觸電或受傷。



- 電池內的液體誤入眼睛時，切勿揉眼，立即用自來水等乾淨的水沖洗眼睛沖洗乾淨後立即就醫。
有可能會導致視力受損。

警告



- 如果電池漏液或有異味、變色或變形，因掉落而損壞或發現任何異常，請勿使用電池。
如果未留意此警告，則可能導致發熱或冒煙、破裂或起火。如果電池漏液到地板上，則可能會損壞地板。
- 請讓嬰幼兒遠離電池。
如果未留意此警告，則可能導致觸電或受傷。
- 如果電池漏液，請勿徒手觸摸。
如果未留意此警告，則可能導致皮膚受到刺激。



- 電池內的液體接觸衣物時，立即用自來水等乾淨的水沖洗。如果液體接觸到皮膚，請就醫。
如果未留意此警告，則可能導致皮膚受到刺激。

注意



- 為電池充電時，請確定環境溫度介於 5°C 到 35°C 之間。
若在此溫度範圍以外為電池充電，則電池可能無法完全充電。因此，電池的充電時間可能較長，或您可能只能短時間使用真空吸塵機。如果未留意此警告，則可能導致電池劣化。
- 如果在經過標準充電時間後很長一段時間電池仍未完成充電，請拔下 AC 變壓器。
- 長時間充電或操作真空吸塵機時，請勿觸摸電池。
如果未留意此警告，則可能導致輕微灼傷。
- 請將真空吸塵機存放在濕度低且灰塵與碎屑少的位置。
如果未留意此警告，則可能導致發熱或冒煙、破裂或起火。

使用注意事項

為避免發生故障及其他問題，請遵守下列指示。
務必請仔細閱讀這些指示與本說明書其他位置中 **備註** 所示的指示，並根據這些指示使用真空吸塵機。

- 請勿讓真空吸塵機、電動吸頭、延長管、充電座、AC 變壓器或附件配件受到強烈的物理衝擊。如果未留意此警告，則可能導致變形或損壞。
 - 請勿使用真空吸塵機清潔下列物品。
 - 如果未留意此警告，則可能導致異臭或發生故障。
 - 水或其他液體、潮濕物品或乾燥除濕劑。
 - 大量的砂或粉塵、長線、玻璃。
- 請勿踩踏真空吸塵機、電動吸頭、充電座或附件配件。否則有可能導致故障。
 - 水洗後的零件請使其充分風乾。如果未留意此警告，則可能導致異臭或發生故障。

運轉開關和電量指示燈

運轉開關

操作

按下 **High** 或 **Standard** 開關。

High 徹底清潔地毯

Standard 正常清潔

電動吸頭上的 LED 照明燈亮起。

→ (C-2, C-3頁)

停止操作

按 **Off** 開關。

充電期間的電量指示燈

電量指示燈

電量指示燈	充電狀態
亮起	電池正在充電。 充電時間約為 3.5 小時。視環境溫度、使用時間等而定，如果電池溫度變得非常燙，充電會自動進入待機狀態，直到溫度降到可以充電的合適溫度，因而導致充電時間增加。 → (C-34頁)
熄滅	電池充滿電。 電池充滿電時，電量指示燈熄滅。

* 如果電量指示燈快速閃爍（大約每秒四次），表示 AC 變壓器或電池異常。 → (C-34頁)

* 如果在電量指示燈熄滅後從充電座取下真空吸塵機（或拔下 AC 變壓器），然後放回充電座，則電量指示燈會亮起，但並非真空吸塵機發生問題。

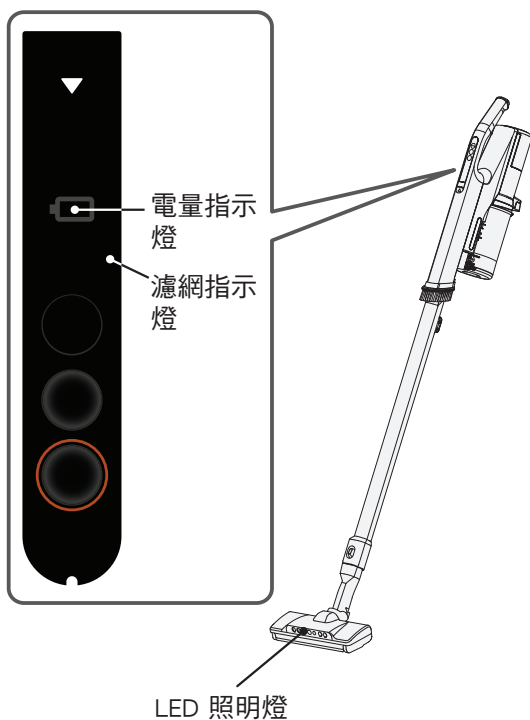
運轉開關和電量指示燈（續）



警告

- 請勿觸摸 AC 變壓器或真空吸塵機的端子。
如果未留意此警告，則可能導致觸電或受傷。

使用期間的電量指示燈



指示燈		運轉狀態
	熄滅	剩餘電量仍充足。
	閃爍 (大約每秒兩次)	剩餘電量不足。 為電池充電。
濾網保養	閃爍 (大約每秒兩次)	需要清潔濾網。 → (C-23, C-24頁)

- * 如果電量指示燈快速閃爍（大約每秒四次），表示電池異常。
→ (C-34頁)
- * 如果電量指示燈快速閃爍（大約每秒兩次），表示真空吸塵機可能處於安全模式下減少吸力運轉，以防止吸塵機的馬達或電池過熱。→ (C-34頁)
- * 真空吸塵機以標準設定運轉時，濾網指示燈不會閃爍。
- * 如果濾網指示燈閃爍，表示電動吸頭已自動關閉（及其 LED 指示燈熄滅）以防止電動吸頭過熱。→ (C-31頁)

如果真空吸塵機上的濾網指示燈在吸塵機運轉時或停止後閃爍：

- 請清除集塵器垃圾，並清除每個濾網沾上的任何灰塵與碎屑。→ (C-2, C-20 至 C-25頁)
- 如果真空吸塵機上的濾網指示燈在吸塵機運轉時閃爍，即使已徹底清除灰塵與碎屑，也請水洗每個濾網。
→ (C-27 至 C-28頁)
- 異物可能被捲入電動吸頭的旋轉毛刷。如果發生此事，請清除異物。→ (C-29 至 C-30頁)

為真空吸塵機充電

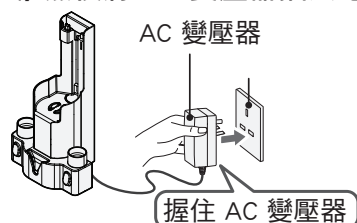
請在使用真空吸塵機前為電池充電。購買時電池未充滿電。

電池充電時間約為 3.5 小時。（電池充電時間可能因環境溫度和真空吸塵機的使用時間長短而拉長。）

使用充電座為真空吸塵機充電

1

將 AC 變壓器連接至充電座。
→ (C-3頁) 然後將 AC 變壓器插入電源插座。



注意

拔下 AC 變壓器時，請握住 AC 變壓器。請勿拉電源線。
以拉扯電源線的方式拔下電源插頭可能會損壞電源線或造成短路，進而導致觸電或起火。

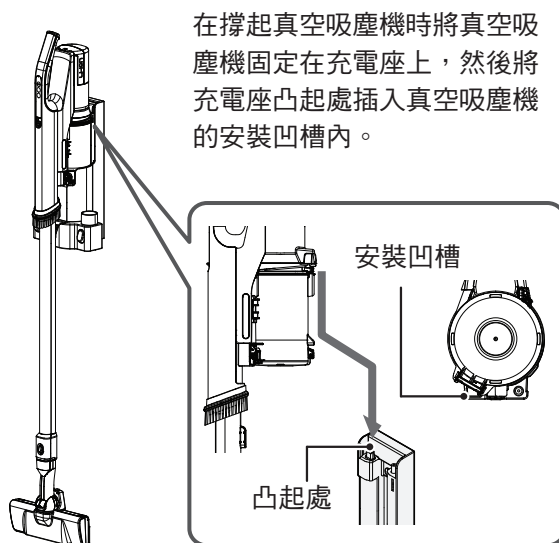
2

請將真空吸塵機固定在充電座上。

備註

如果您要使用充電座為真空吸塵機充電，請確定集塵器已裝上真空吸塵機。

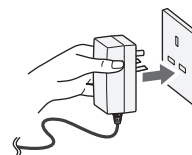
- 請將充電座凸起處插入真空吸塵機的安裝凹槽內。
- 真空吸塵機固定在充電座並連接 AC 變壓器時，電量指示燈會亮起。
- 充滿電時，電量指示燈會熄滅。



在撐起真空吸塵機時將真空吸塵機固定在充電座上，然後將充電座凸起處插入真空吸塵機的安裝凹槽內。

連接 AC 變壓器為真空吸塵機充電

將 AC 變壓器插入電源插座。



將 AC 變壓器的接頭插入真空吸塵機端子

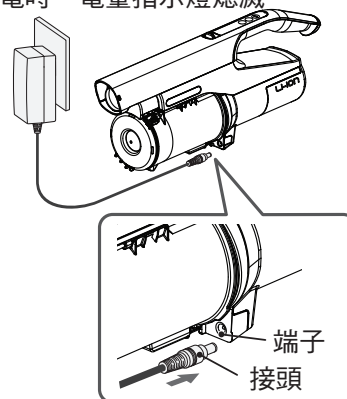


注意

恐有刮傷地板之虞。

- 如果您要將 AC 變壓器連接至真空吸塵機為真空吸塵機充電，請確定真空吸塵機放在地板或某些其他平坦表面上。
- 請勿在地板或任何其他平坦表面上拖動真空吸塵機。

- AC 變壓器連接至真空吸塵機時，真空吸塵機指示燈亮起。
- 充滿電時，電量指示燈熄滅。



- 長時間未使用吸塵機時請從電源插座拔下插頭。此外，如果剩餘電池電量不足，請在使用真空吸塵機前再次為電池充電。
- 如果在電量指示燈熄滅後（表示電池充滿電）從真空吸塵機拔下 AC 變壓器，然後將 AC 變壓器重新連接至真空吸塵機，則電量指示燈會亮起（表示電池充滿電），但這並不表示真空吸塵機發生問題。
- 真空吸塵機正在充電時，真空吸塵機或 AC 變壓器可能會變燙，但這並不表示真空吸塵機發生問題。
- 即使在充電時按下運轉開關，真空吸塵機也不會運轉。

為真空吸塵機充電（續）

備註

- 為電池充電時，請確定環境溫度介於 5°C 到 35°C 之間；若在此溫度範圍以外為電池充電，則電池可能無法完全充電。因此，電池的充電時間可能較長，或您可能只能短時間使用真空吸塵機。
- 如果電量指示燈不亮或短暫亮起然後熄滅，請將真空吸塵機從充電座上取下再放回充電座上。
- 如果您是初次使用真空吸塵機或長時間不使用，電池充電時間可能會變長，或您可能僅能短時間使用真空吸塵機。
- 在收音機旁充電可能會在收音機運轉時造成聲音干擾。為真空吸塵機充電時，請將 AC 變壓器插入至少與任何收音機設備離 2 公尺遠的電源插座。

若要延長電池壽命

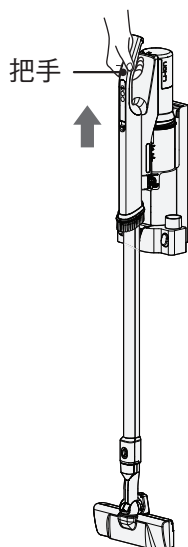
- 務必在每次用完真空吸塵機後充電，即使僅是短時間使用真空吸塵機。
- 如果超過一個月不使用真空吸塵機，請在存放前將電池充滿電。如果未使用真空吸塵機，請務必每年至少充電一次以延長電池壽命。（在剩餘電量偏低的情況下存放將導致電池性能下降或電池壽命縮短。）
- 如果真空吸塵機在運轉過程中因電池沒電而停止，再次按下運轉開關可能使吸塵機在短時間內運轉。然而，請勿重複此動作。否則電池壽命將縮短。

使用真空吸塵機

如果真空吸塵機固定在充電座上。

1 從充電座取下真空吸塵機。

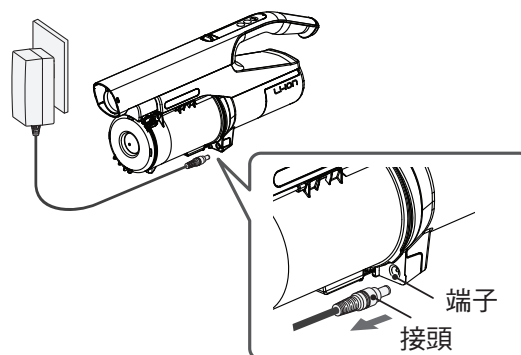
握住把手，朝上拉真空吸塵機。



如果 AC 變壓器直接連接至真空吸塵機。

從真空吸塵機取下 AC 變壓器的接頭。

握住 AC 變壓器，從真空吸塵機拔下。

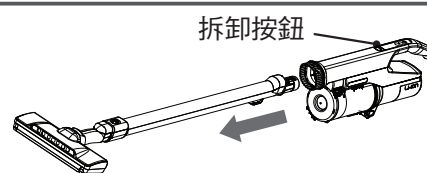


⚠ 注意

拔下 AC 變壓器時，請握住接頭。請勿拉扯電源線。拉電源線可能會損壞電源線，並因短路導致觸電或起火。

2 安裝附件。→ (C-14頁)

更換附件時，請滑動拆卸按鈕，依照箭頭方向拉附件，將附件取下。



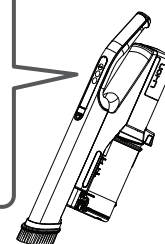
3 按 **High** 或 **Standard** 開關。

您可使用「強」模式持續吸塵約 8 分鐘。如果安裝電動吸頭，您可使用「標準」模式持續吸塵約 30 分鐘，而如果未安裝電動吸頭，則可持續吸塵約 45 分鐘。請注意，在低溫下這些操作時間可能會縮短。

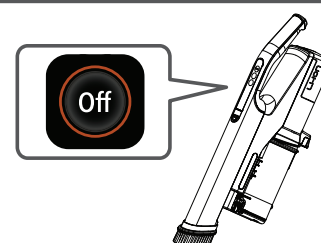
⚠ 注意

恐有受傷或刮傷地板之虞。
請勿將真空吸塵機靠著地板強壓或強力打擊地板。
真空吸塵機可能變形，或集塵器可能掉落。

High
Standard



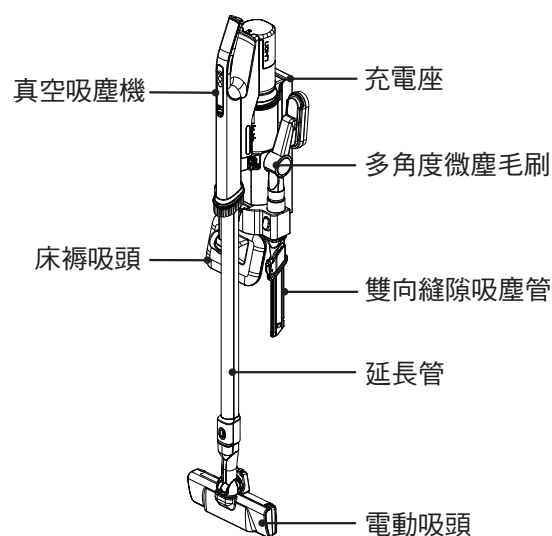
4 若要停止，請按 **Off**



5 使用後，為真空吸塵機充電。→ (C-11頁)

存放真空吸塵機

連同充電座存放真空吸塵機、延長管及配件。

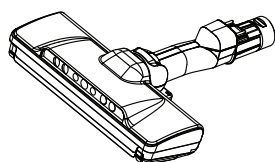


產品插圖適用於型號 PV-XL2K

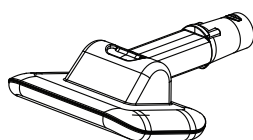
附件與組裝

附件可安裝於真空吸塵機及延長管。

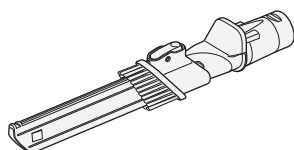
電動吸頭
→ (C-15頁)



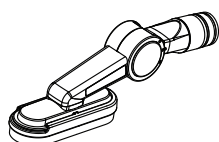
床褥吸頭
(僅限 PV-XL2K)
→ (C-17頁)



雙向縫隙吸塵管
→ (C-18頁)



多角度微塵毛刷
(僅限 PV-XL2K)
→ (C-19頁)



延長管

真空吸塵機

手提式毛刷 → (C-16頁)

使用附件

電動吸頭

貼合地面的用法

以前後移動吸頭並貼合地面的操作方式，更能輕鬆的進行徹底掃除。

地毯

以來回移動的方式清潔。拉回時可徹底吸起灰塵與碎屑。
初次清潔新地毯時，吸塵機可能會吸起許多鬆開的線頭。

地板／榻榻米

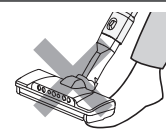
沿著地板的紋理移動，可以避免刮傷地板。

- 清掃新的榻榻米時，榻榻米表面有可能留下摩擦的痕跡。
- 將真空吸塵機朝向您滑動時，地板上若仍殘留灰塵與碎屑，請再次提起電動吸頭，然後朝您的反方向滑動（反吸灰塵與碎屑）。

警告

恐有受傷之虞

拉動電動吸頭時，請勿將電動吸頭放在身體上（腳等部位上）。
這可能會讓您的身體部位被旋轉毛刷卡住。



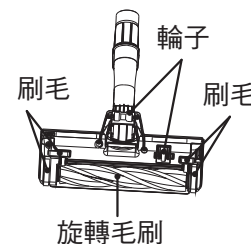
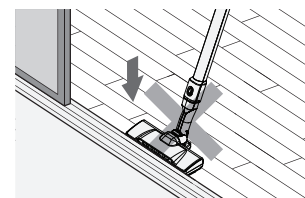
注意

恐有刮傷地板之虞

拉電動吸頭時。

請勿用力將電動吸頭壓在地板上。

- 尤其是使用檜木或彈性地板*等容易刮傷的材質時，有可能會刮傷地板*。
* 所謂的彈性地板，是指表面有使用氯乙烯等有彈性的建材地板。
- 用力將電動吸頭壓在不平坦的表面上（例如門檻）可能使輪子磨損並損壞地板。
- 如果灰塵與碎屑纏在輪子上，輪子可能停止旋轉，這可能導致磨損和損壞地板。
請定期進行保養（大約每月一次）。→ (C-29, C-30頁)
- 刷毛，輪子或旋轉毛刷可能因長期使用或其他因素而磨損。
使用磨損的電動吸頭可能損壞地板。刷毛和輪子無法自行更換，如需更換刷毛、輪子和旋轉毛刷，請洽日立授權維修代理商。

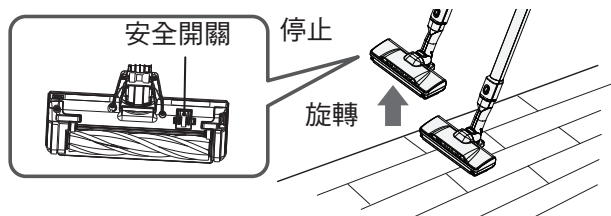


備註

- 真空吸塵機可能難以清潔某些地板類型。在此情況下，請切換成「標準」模式。
- 如果吸力變弱，表示可能有灰塵與碎屑堵住電動吸頭吸入口。此時請保養每個濾網（用水清洗）。→ (C-27 至 C-28頁)
- 請勿用力將電動吸頭壓在地板上，否則電動吸頭可能在地板上留下痕跡。
如果電動吸頭在地板上留下痕跡，請勿在該位置使用真空吸塵機，並使用軟布去除痕跡。

電動吸頭的安全開關

將電動吸頭抬離地面時，安全開關將啟動，旋轉毛刷將停止旋轉，以確保安全。



如需保養安全開關的資訊 → (C-29頁)

警告

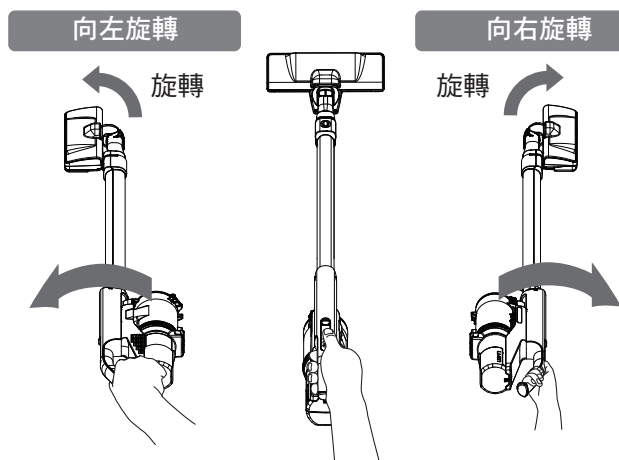
恐有受傷之虞

請勿觸摸安全開關或電動吸頭的旋轉毛刷。
旋轉毛刷可能旋轉。在兒童附近使用產品時，必須格外注意。

使用附件（續）

■ 多角度吸塵刷

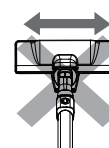
旋轉把手即可改變電動吸頭的方位。可以有效率地在窄隙中吸塵。



⚠ 注意

恐有刮傷地板之虞

- 刷毛，輪子或旋轉毛刷可能因長期使用或其他因素而磨損。使用磨損的電動吸頭可能損壞地板。刷毛和輪子無法自行更換，如需更換刷毛、輪子和旋轉毛刷，請洽日立授權維修代理商。
- 電動吸頭朝向前方時，請勿左右滑動電動吸頭。
- 握在半空中時，請勿向後拉電動吸頭。



手提式毛刷

使用前安裝於真空吸塵機。

手提式毛刷安裝於真空吸塵機時可以應用附件。

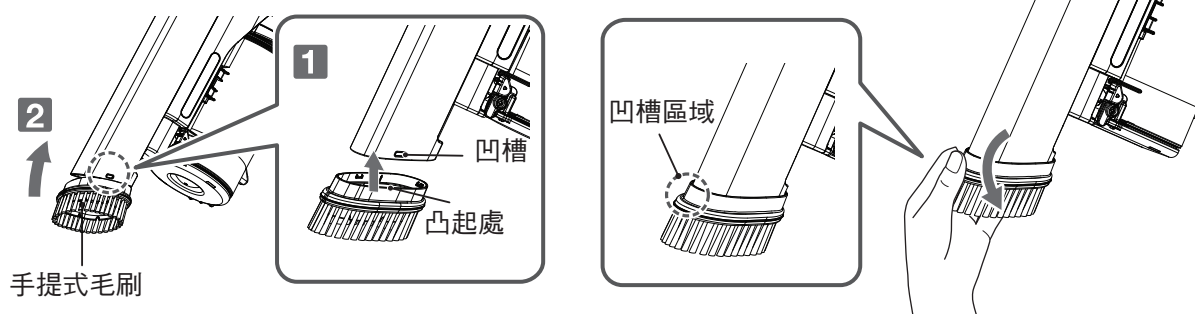
安裝手提式毛刷

- 1 將手提式毛刷側面的凸起處位置對準真空吸塵機上的凹槽。

拆開手提式毛刷

壓下手提式毛刷的凹槽區域，並朝箭頭方向拉。

- 2 朝箭頭方向壓下。



⚠ 注意

恐有觸電、起火、故障或損壞之虞。

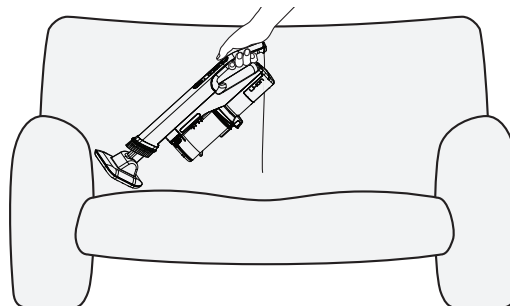
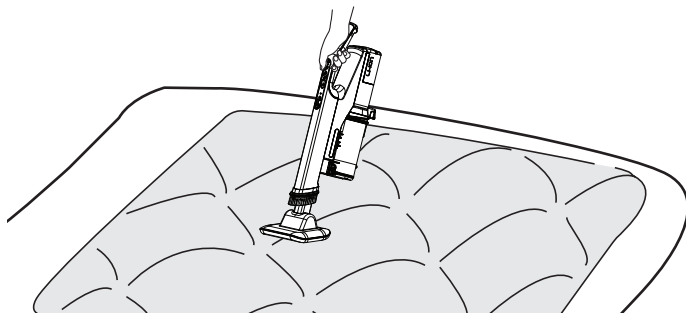
- 請勿在未安裝手提式毛刷的情況下使用真空吸塵機的末端進行清潔。
- 請勿按壓特別容易損壞的區域，例如鋼琴。

備註

- 如果太用力，可能會損壞。
- 如果太用力將手提式毛刷壓在地板上，可能會損壞、破裂或地板損壞。
- 手提式毛刷可用水洗。水洗後，請在使用前等候自然風乾。如果在未風乾時使用，則可能會導致真空吸塵機故障。

床褥吸頭（僅限 PV-XL2K）

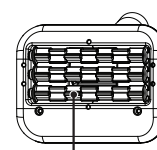
這是精簡的吸頭，可以用於沙發、汽車座椅及寢具



⚠ 注意

恐有損傷布料之虞。

- 用於寢具、床墊、床單、枕頭、座墊、布沙發及其他布質產品。
- 請勿用於木製家具、木地板或具有容易刮傷的亮面之處。
- 請勿用力壓著容易損傷的布料，例如皮革。
- 與旋轉毛刷可能因長期使用或其他因素而磨損。使用磨損的迷你床噴嘴可能損壞布料。



旋轉毛刷

備註

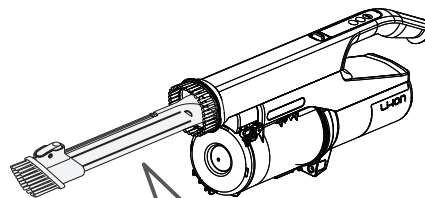
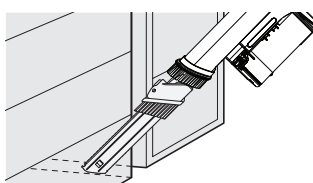
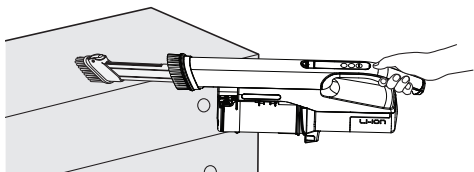
- 清潔布料時，請平放布料，請勿用力壓著。如果您清潔摺疊的布料，則可能會糾纏並損傷。
- 視清潔位置而定，真空吸塵機可能難以使用。在此情況下，請切換成「標準」模式。

使用附件（續）

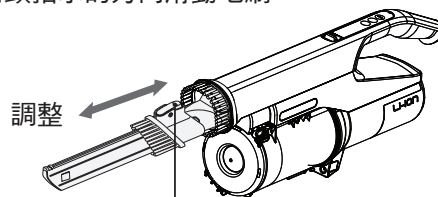
雙向縫隙吸塵管

使用末端的毛刷快速進行清潔。

清潔書架與縫隙時，按一下即可切換至縫隙吸塵管模式。



若要在縫隙吸塵管與縫隙毛刷之間切換，按住按鈕並朝箭頭指示的方向滑動毛刷。



調整
按住按鈕時滑動毛刷

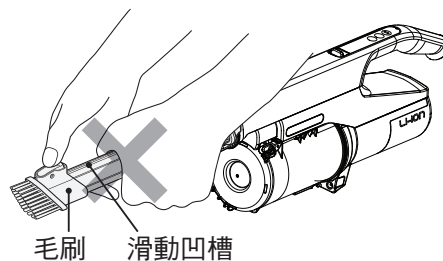


警告

恐有受傷之虞

滑動毛刷時，請勿握住滑動凹槽。

您的手可能被夾傷。



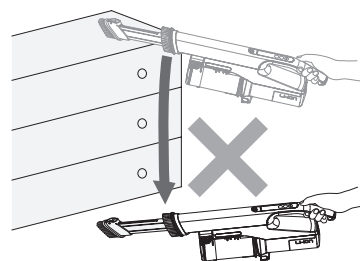
注意

恐有損傷之虞

請勿按壓特別容易損壞的區域，例如鋼琴。

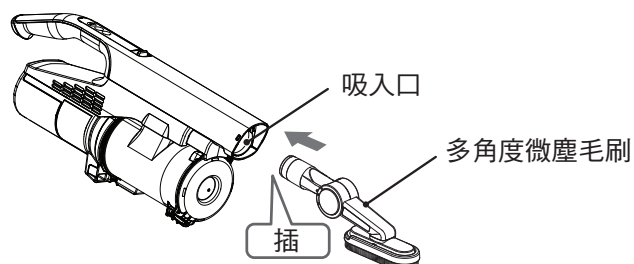
備註

- 如果太用力，可能會損壞。
請勿從高處掉落。
- 您可以清洗雙向縫隙吸塵管。清洗後，請在使用前等候自然風乾。
如果在未風乾時使用，則可能會導致真空吸塵機故障。
- 如果末端或吸塵管內，或滑動凹槽內有灰塵與碎屑，請清除灰塵與碎屑。

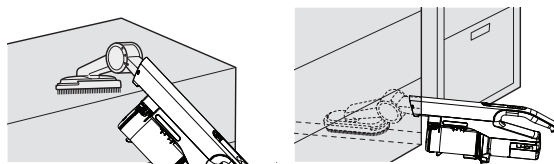


多角度微塵毛刷（僅限 PV-XL2K）

- 安裝於手提式吸塵機的吸入口。



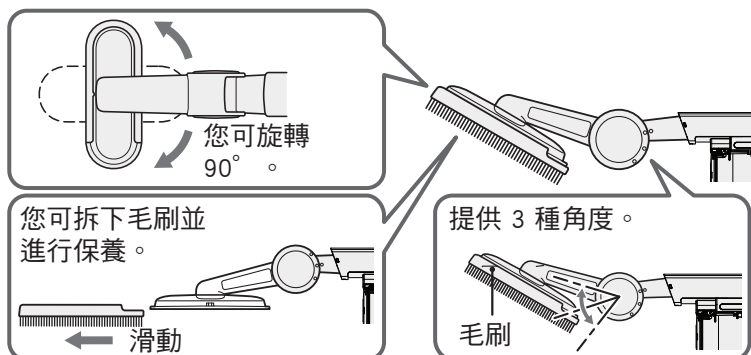
- 這是可以任意旋轉的吸塵管，可以深入家具與縫隙。



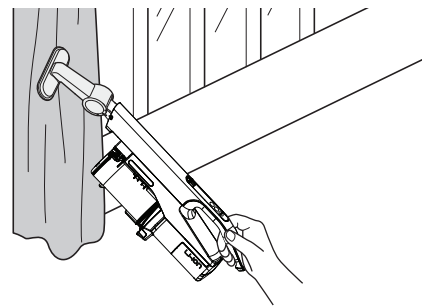
⚠ 注意

恐有損傷之虞。
請勿按壓特別容易損壞的區域，例如鋼琴。

- 您可根據要清潔的區域，變更成各種角度。



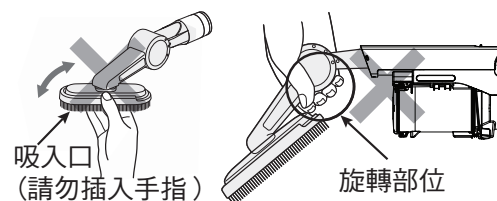
- 如果您在拆下毛刷的情況下使用吸塵管，請用來吸取衣物、窗簾上的灰塵。



⚠ 警告

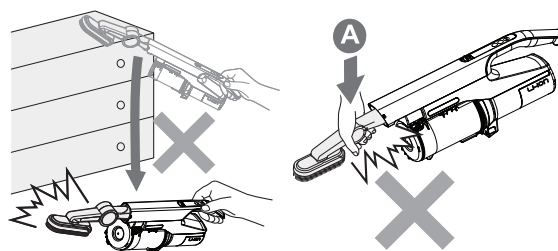
恐有受傷之虞。

- 變更角度時，請勿握住旋轉部位。您的手可能被夾傷。
- 手指插入多角度微塵毛刷時請勿旋轉。您的手指可能被夾傷。



備註

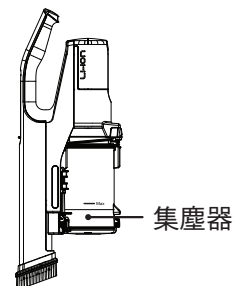
- 使用多角度微塵毛刷時，請勿使其從高處落下或朝A箭頭方向強加施力。否則有可能造成破損。
- 可水洗多角度微塵毛刷。水洗後，請使其充分風乾後再使用。若吸入水，有可能造成故障。
- 多角度微塵毛刷的前端或內部，堵塞纖維狀垃圾時，吸力會降低，請清除垃圾。



清除集塵器垃圾並清潔濾網

由於強勁吸力用於壓縮灰塵與碎屑，因此旋風吸塵機不需要使用過濾紙袋。我們建議在每次使用後清除灰塵並經常保養濾網。

- 請在超過「垃圾傾倒線」（標線）之前清空集塵器。如果超過「垃圾傾倒線」，可能難以清除集塵器中的灰塵與碎屑。
- 灰塵與碎屑可能不會旋轉，視灰塵類型和堆積方式而定。這是正常現象。

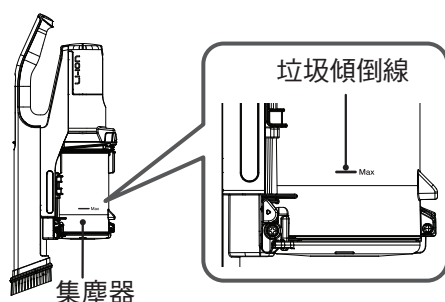


備註

清空集塵器時，細微灰塵與碎屑可能散佈在空氣中。請在室外等通風良好的環境中清空集塵器，或戴上口罩並避免吸入灰塵與碎屑。

檢查集塵器內的灰塵與碎屑量

檢查集塵器中的灰塵與碎屑是否超過「垃圾傾倒線」。



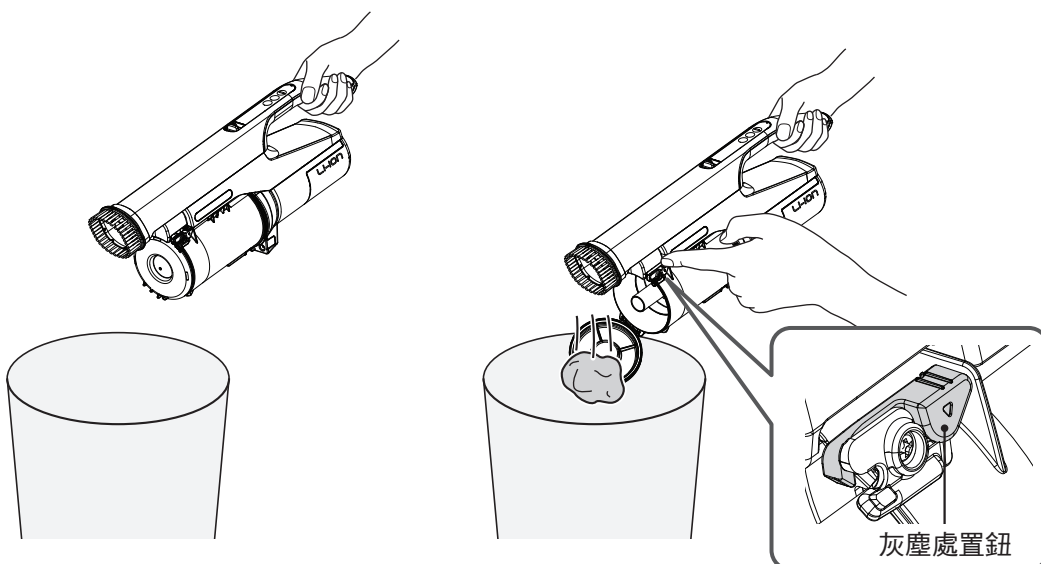
- 處置灰塵與碎屑時，請清除附著在集塵器上的灰塵與碎屑並清潔濾網。→ (C-20, C-23頁)
- 如果灰塵與碎屑包著內筒濾網，且無法清除，請拆卸並保養內筒濾網。→ (C-24頁)

[安裝於真空吸塵機時]清空集塵器

1

1 傾斜真空吸塵機並將讓集塵器面向垃圾桶。

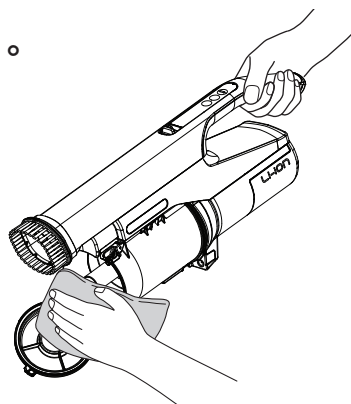
2 按下處置鈕。



清空集塵器（續）

2 清除附著的灰塵與碎屑。

使用軟布等清除灰塵與碎屑，
以及細微灰塵與碎屑。

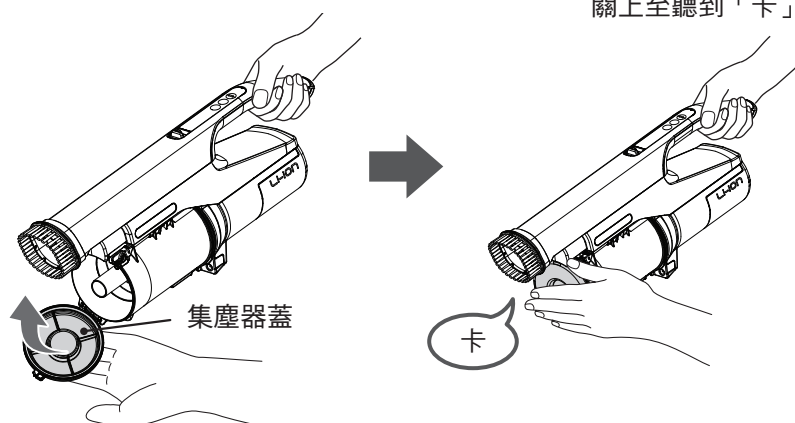


⚠ 注意

恐有受傷之虞
可能在無意中吸起尖銳物體，例
如玻璃碎片或別針。進行保養時
請小心。

3 關上集塵器蓋。

關上至聽到「卡」一聲。

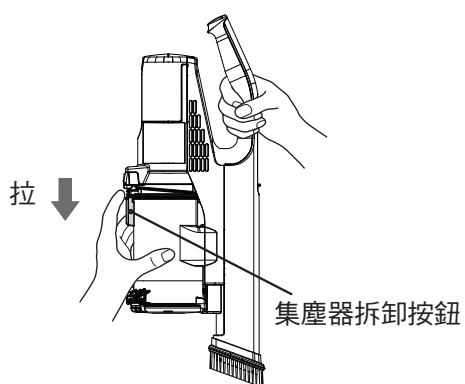


備註

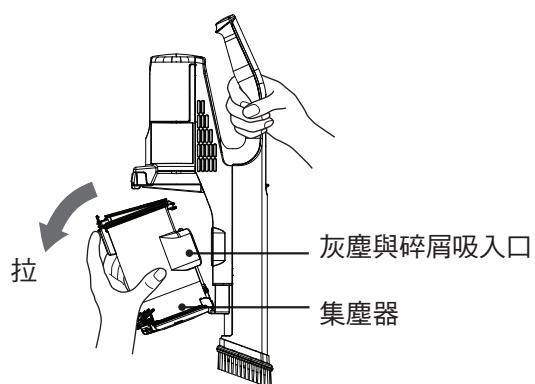
為了維持強勁吸力，請經常定期
保養濾網。→ (C-23, C-24,
C-27頁)

[從真空吸塵機拆下時]清空集塵器

1 握住集塵器並拉集塵器拆卸按鈕。



2 依箭頭方向拉出集塵器



備註

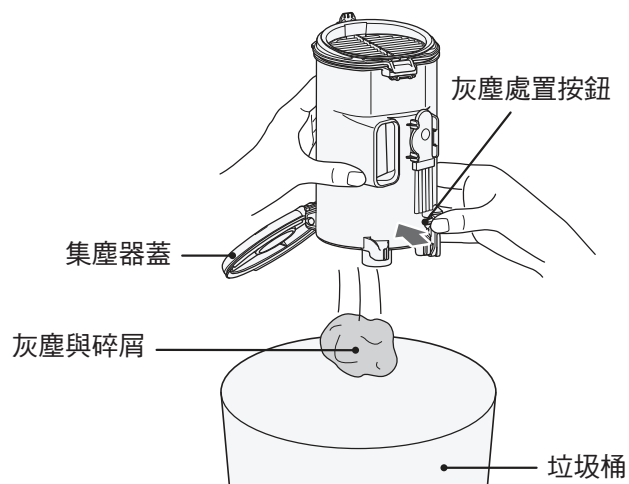
- 請勿在真空吸塵機朝下時拆卸集塵器。灰塵與碎屑可能溢出。如果灰塵與碎屑在真空吸塵機內溢
- 出，請清除灰塵與碎屑，並照常安裝集塵器。
- 握住或放置集塵器時，請勿將灰塵與碎屑吸入口朝下。灰塵與碎屑可能溢出。

清除集塵器垃圾並清潔濾網（續）

3

打開集塵器蓋並清除集塵器。

請確定集塵器蓋朝下，然後按下灰塵處置鈕。



備註

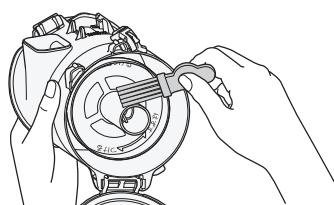
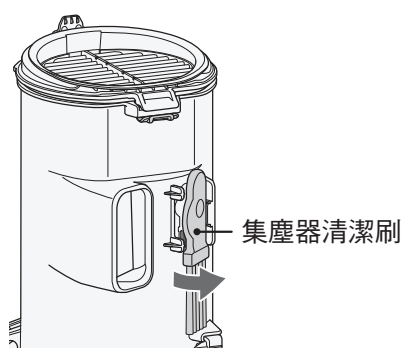
灰塵與碎屑可能難以旋轉，視灰塵類型和堆積方式而定。請輕拍集塵器側面或拆卸內筒濾網，以避免震動。

4

清除附著的灰塵與碎屑。

1 拆卸安裝於集塵器背面的集塵器清潔刷。

2 請使用集塵器清潔刷清除灰塵與碎屑，以及細微灰塵與碎屑。



⚠ 注意

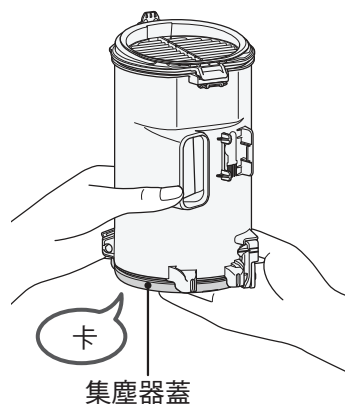
恐有受傷之虞

可能在無意中吸起尖銳物體，例如玻璃碎片或別針。進行保養時請小心。

5

關上集塵器蓋。

關上至聽到「卡」一聲。

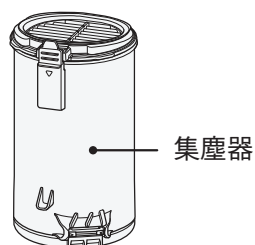


清潔濾網

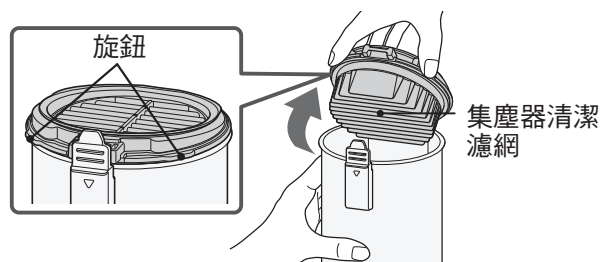
集塵器清潔濾網

1 打開集塵器清潔濾網。

1 將集塵器放在地上。



2 握住集塵器下半部、抬起集塵器清潔濾網上的旋鈕，並朝箭頭方向打開蓋子。

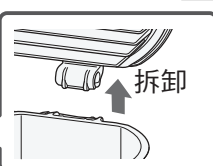
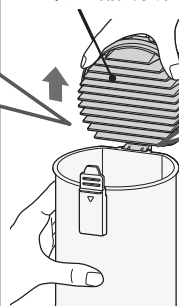


2 清除集塵器清潔濾網的灰塵與碎屑。

1 拆卸集塵器清潔濾網。

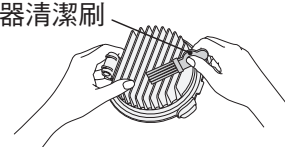


集塵器清潔濾網



2 使用集塵器清潔刷清除附著的灰塵與碎屑。

集塵器清潔刷



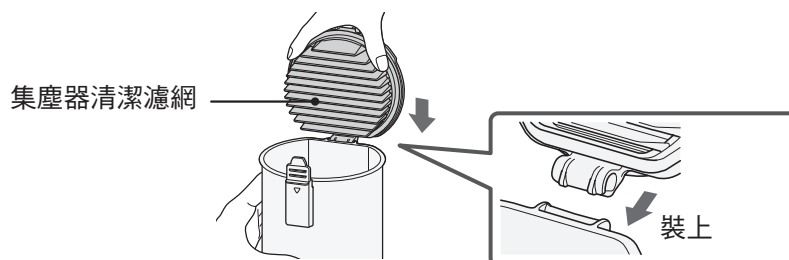
備註

- 清除灰塵與碎屑時，請勿在地上拍打集塵器清潔濾網。否則可能導致損壞。
- 清空集塵器或清潔濾網後，務必安裝海綿濾網。
- 若要清潔集塵器清潔濾網，請使用真空吸塵機隨附的集塵器清潔刷。

擔心變髒或吸力較弱時，請進行保養（用水清洗）。→ (C-27頁)

3 裝回集塵器清潔濾網。

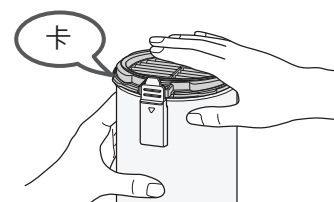
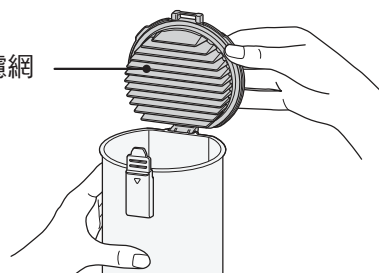
依照拆卸的相反順序裝回集塵器清潔濾網。



4 關上集塵器清潔濾網。

確實按壓至聽到「卡」一聲。

集塵器清潔濾網



備註

請確定安裝海綿濾網。

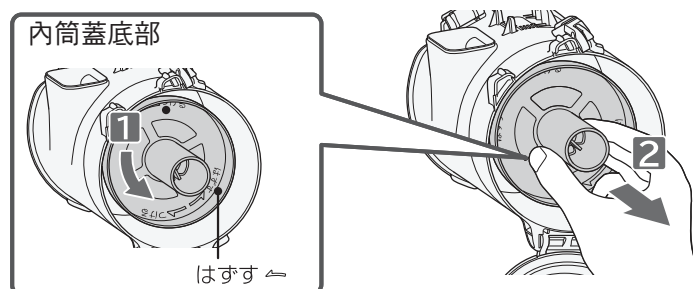
清除集塵器垃圾並清潔濾網（續）

內筒濾網・內筒蓋

1

打開集塵器蓋 → (C-22頁) 與拆卸內筒濾網。

- 1 旋轉蓋上的 はずす 記號轉至停止為止 2 直接上抬內筒濾網。



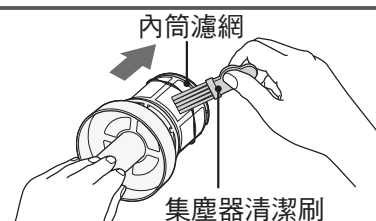
備註

拆卸集塵器時，灰塵與碎屑可能溢出。請在報紙上拆卸集塵器蓋。

2

清除內筒濾網的灰塵與碎屑。

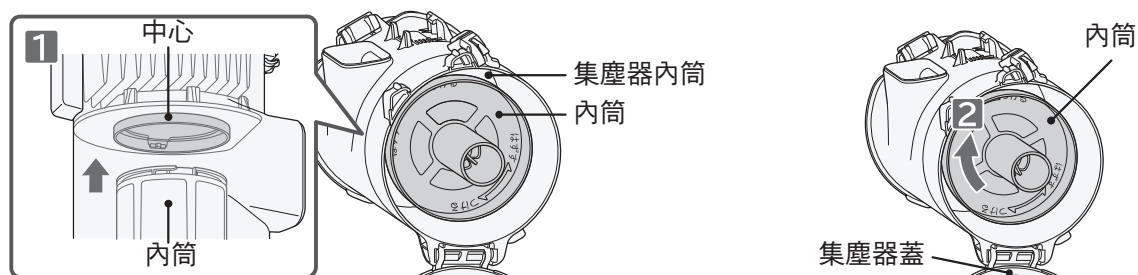
您可以依箭頭方向滑動集塵器清潔刷，輕鬆清除卡在內筒濾網中的灰塵與碎屑。



3

安裝內筒濾網並關上集塵器蓋。→ (C-22頁)

- 1 內筒填滿集塵器中心 2 轉動集塵器蓋上的 付ける 記號，直到聽到「卡」一聲。



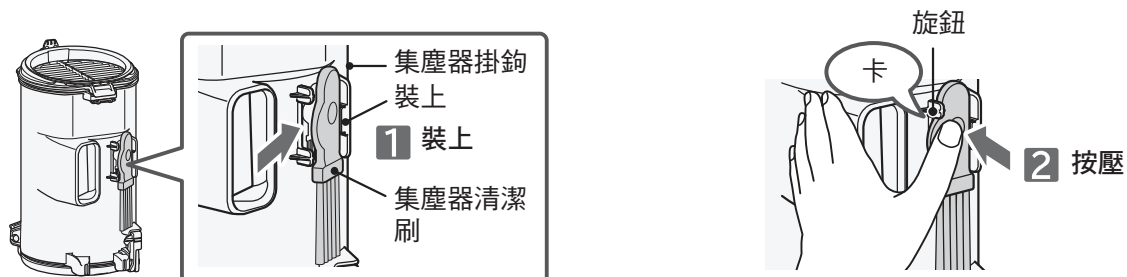
備註

如果未確實安裝濾網，則可能會在清空集塵器時掉落。相似地，如果未確實安裝濾網就使用真空吸塵機，濾網周圍可能會發出異音。

4

將集塵器清潔刷裝上集塵器背面。

- 1 將集塵器清潔刷裝上集塵器掛鉤。 2 確實安裝集塵器清潔刷的旋鈕，直到聽到「卡」一聲。



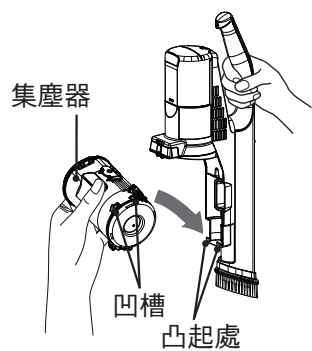
備註

如果集塵器清潔刷未確實裝上集塵器背面，毛刷可能會在使用真空吸塵機時掉落。確實將集塵器清潔刷裝上集塵器背面。

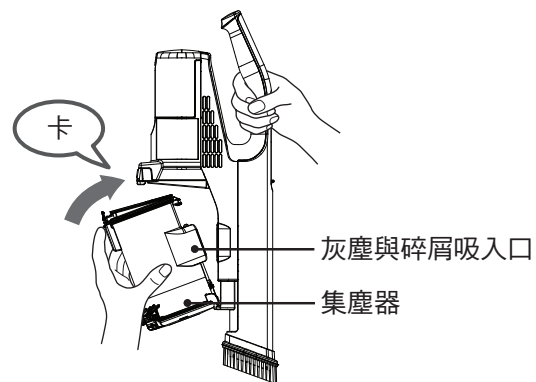
安裝集塵器

安裝集塵器

1 將集塵器的凹槽裝上真空吸塵機的凸起處。



2 確實安裝集塵器，直到聽到「卡」一聲。



警告

恐有受傷之虞

請勿讓真空吸塵機靠著家具，並平放在平面上。



注意

恐有受傷或刮傷地板之虞。

- 如果在真空吸塵機固定在充電站時搬運吸塵機，真空吸塵機可能脫離。
- 固定在充電座時請勿在地板上移動真空吸塵機。

保養程序

為了以強吸力清潔，建議經常進行保養。

直立式吸塵機，標準配件，附件

覺得不乾淨時，請進行清理保養。用柔軟的布沾水擰乾後進行擦拭。

警告

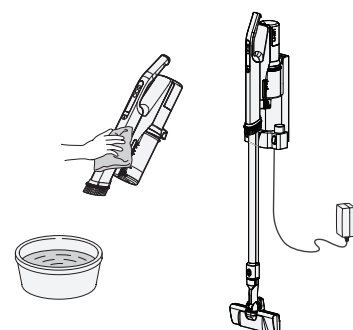
恐有爆炸，火災，觸電，受傷之虞。

- 清潔充電座時，請從電源插座拔出 AC 變壓器的電源插頭。
- 進行清潔時，請將 AC 變壓器接頭從真空吸塵機拆下。
- 請勿使用易燃物，可燃物（稀釋劑，揮發油）等。

注意

恐有受傷之虞

真空吸塵機進行保養前，請關閉吸塵機電源。

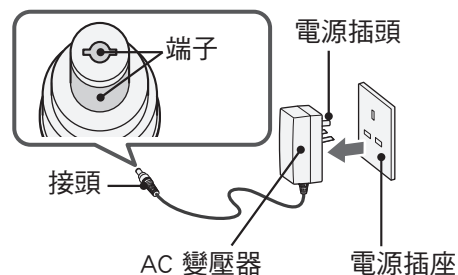


備註

請勿使用酒精，洗劑，化學抹布等。
以防龜裂或變色。

AC 變壓器上的端子

請從電源插座拔下 AC 變壓器的電源插頭，然後使用柔軟的乾布擦拭接頭的端子。



可清洗零件

您可清洗以下零件：雙向縫隙吸塵管 → (C-18頁)、手提式毛刷 → (C-16頁)、多角度微塵毛刷 → (C-19頁)、集塵器清潔濾網 → (C-27頁)、海綿濾網 → (C-27頁)、內筒濾網與集塵器 → (C-27 至 C-28頁)、及旋轉毛刷 → (C-30頁)。

請勿用水清洗任何其他附件或零件。

用水清洗任何附件或零件後，請在使用前徹底風乾。

讓集塵器清潔濾網與海綿濾網風乾約 24 小時。

（風乾時間因環境和季節而異。）

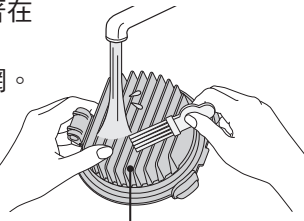
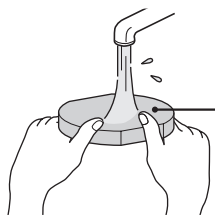
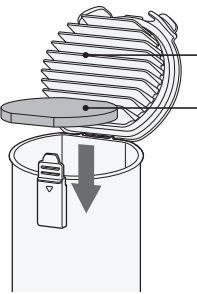
備註

進行保養時，細微灰塵與碎屑可能散佈在空氣中。請在室外等通風良好的環境中進行保養，或戴上口罩並避免吸入灰塵與碎屑。

保養（用水清洗）濾網

如果濾網指示燈閃爍紅燈或真空吸塵機的吸力變弱，請用水清洗濾網。

集塵器清潔濾網、海綿濾網

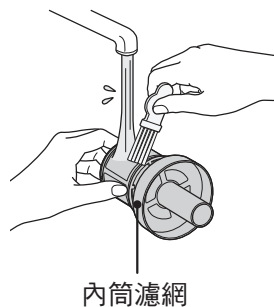
1	<p>使用集塵器清潔刷用水清洗濾網。</p> <ul style="list-style-type: none">● 用水清洗前，請輕輕清除任何附著在濾網上的灰塵與碎屑。● 拆卸然後用水清洗集塵器清潔濾網。● → (C-23頁)● 用水清洗集塵器清潔濾網時，請徹底洗去卡在集塵器清潔濾網皺褶深處的灰塵與碎屑。  <p>集塵器清潔濾網</p>	<div><p>⚠ 注意</p><p>恐有受傷之虞 可能在無意中吸起尖銳物體，例如玻璃碎片或別針。進行保養時請小心。</p></div> <div><p>備註</p><p>若要清潔集塵器清潔濾網，請使用真空吸塵機隨附的集塵器清潔刷。</p></div>
2	<p>若要清洗海綿濾網，請輕輕按壓海綿濾網，同時放在流水下清洗。</p>	 <p>海綿濾網</p>
3	<p>讓濾網風乾。</p> <ul style="list-style-type: none">● 讓集塵器清潔濾網與海綿濾網風乾約 24 小時。（風乾時間因環境和季節而異。）● 請勿使用熱風吹乾，例如吹風機。否則可能降低性能，或導致損壞或變形。	
4	<p>裝上海綿濾網。</p>  <p>集塵器清潔濾網 海綿濾網</p>	<div><p>備註</p><ul style="list-style-type: none">● 請務必裝上海綿濾網。如果您未安裝海綿濾網，集塵器清潔濾網可能會在短期使用後堵塞或發出異音。● 用水清洗濾網後，請在徹底風乾後再重新組裝。請勿在未風乾的情況下使用。未遵守這一點可能導致濾網快速堵塞，吸力不足或異味。</div>
5	<p>裝回集塵器清潔濾網。</p> <p>依拆卸的相反順序安裝。→ (C-23頁)</p>	

保養程序（續）

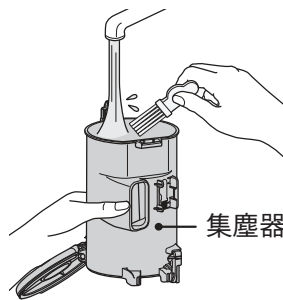
內筒濾網 · 內筒蓋

1 拆下內筒濾網。→ (C-24頁)

2 用水清洗內筒濾網與集塵器。



內筒濾網



集塵器

備註

- 用水清洗前，請輕輕清除任何附著在濾網上的灰塵與碎屑。
- 清洗後請徹底清除內筒濾網的水。

3 讓濾網風乾。

- 清洗濾網後，請在徹底風乾後再重新組裝。
請勿在未風乾的情況下使用。未遵守這一點可能導致濾網快速堵塞，吸力不足或異味。
- 請勿使用熱風吹乾，例如吹風機。
否則可能降低性能，或導致損壞或變形。

4 安裝內筒濾網。→ (C-24頁)



注意

恐有吸塵機損壞之虞

請在運轉前安裝集塵器與濾網。

如果任何灰塵與碎屑進入馬達，吸塵機內的濾網可能會阻塞並從吸塵機發出異音。
在此情況下，請洽日立授權維修代理商。

備註

如果用水清洗濾網後吸入變弱，集塵器清潔濾網、海綿濾網等可能磨損。
若要申請更換，請洽日立授權維修代理商。

清潔電動吸頭

保養電動吸頭

- 吸力偏弱或擔心變髒時，請進行保養。
- 我們建議定期進行保養（大約每月一次）。
安全開關、旋轉毛刷、刷毛、輪子、吸入口和旋轉部位上的灰塵與碎屑可能導致吸入降低或故障。



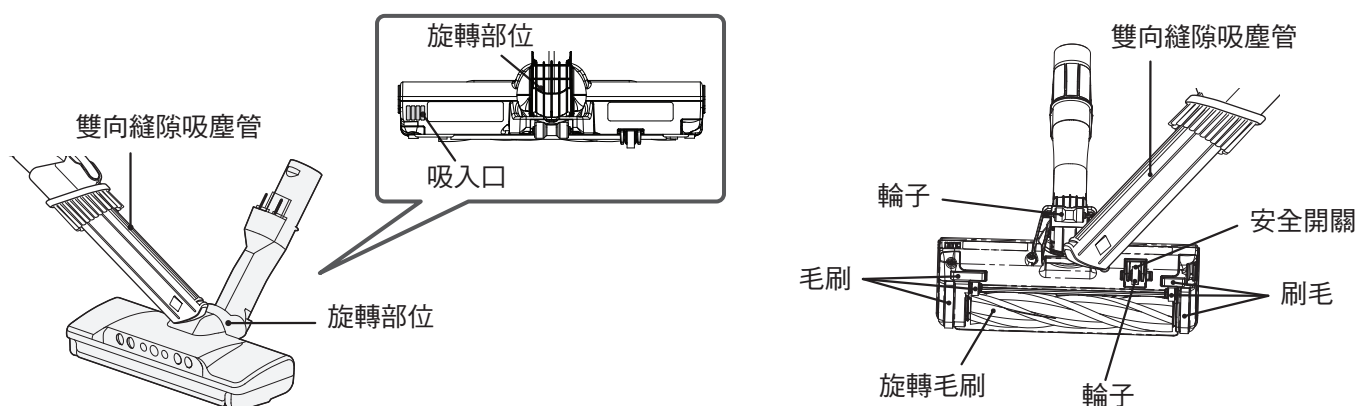
注意

恐有受傷之虞

進行保養時，請將電動吸頭從真空吸塵機、延長管及智慧軟管上拆下。

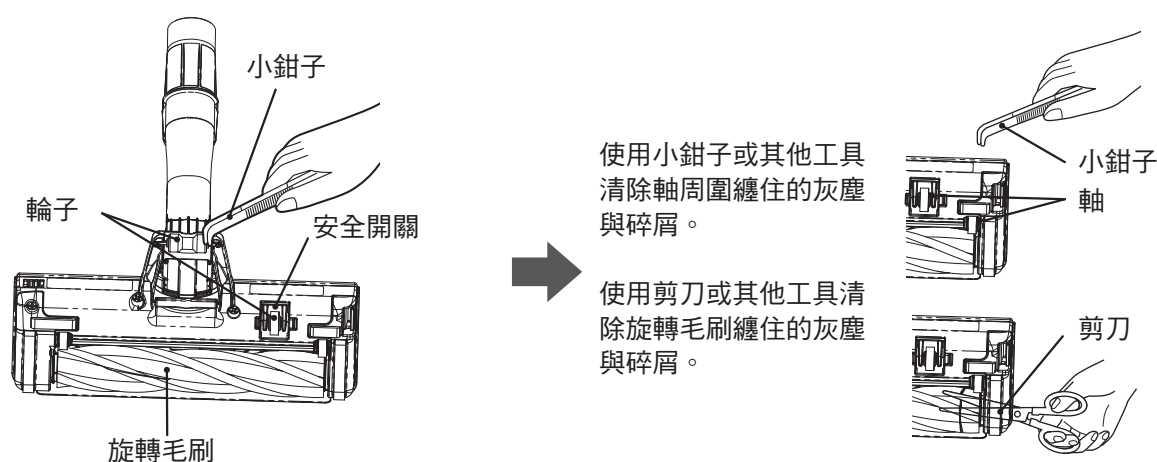
清除附著的灰塵與碎屑

使用雙向縫隙吸塵管或其他工具吸起灰塵與碎屑，清除灰塵與碎屑。



清除纏住的灰塵與碎屑

使用小鉗子等工具清除纏住的灰塵與碎屑。



注意

恐有刮傷地板之虞

- 如果灰塵與碎屑纏在輪子上，輪子可能停止旋轉，這可能導致磨損和損壞地板。
- 刷毛，輪子或旋轉毛刷可能因長期使用或其他因素而磨損。使用磨損的電動吸頭可能損壞地板。
- 刷毛和輪子無法自行更換，如需更換刷毛、輪子和旋轉毛刷，請洽日立授權維修代理商。

備註

請勿使安全開關受力過大。否則可能導致損壞

清潔電動吸頭（續）

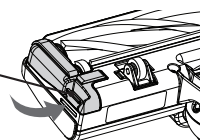
旋轉毛刷保養

1

拆下夾刷器。

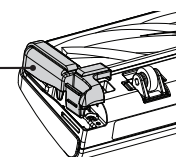
1 翻轉電動吸頭並扳開撥桿。

撥桿



2 拆下夾刷器。夾刷器

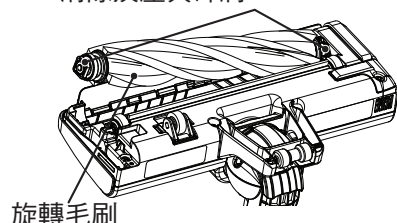
夾刷器



2

拆下旋轉毛刷並清除灰塵與碎屑。

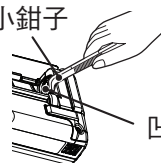
清除灰塵與碎屑



使用小鉗子等工具清除凹槽中纏住的灰塵與碎屑。

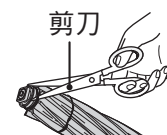
小鉗子

凹槽



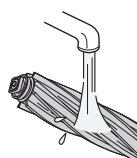
使用剪刀清除旋轉毛刷中纏住的灰塵與碎屑。

剪刀

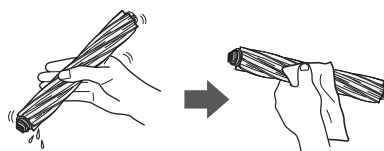


用水清洗旋轉毛刷。

1 用水清洗。



2 搖晃以去除多餘的水分。



3 徹底風乾。

置於陰涼處風乾。

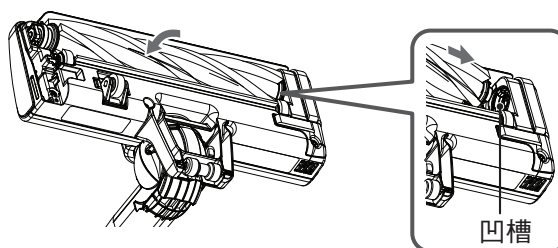


備註

- 請勿使用清潔劑或漂白劑。否則可能導致變色，變形。
- 用水清洗後，請先置於陰涼處徹底風乾再裝回。
風乾大約需要 24 小時。（風乾時間因環境和季節而異。）

3

使用凹槽調整旋轉毛刷，並裝回原本位置。

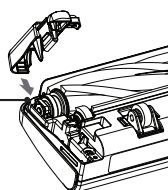


4

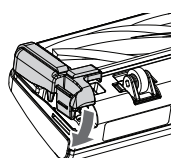
裝上夾刷器。

1 插入卡榫。

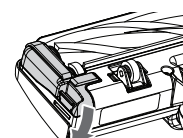
卡榫



2 裝上夾刷器。



3 關上撥桿。



備註

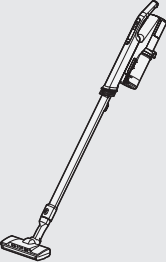
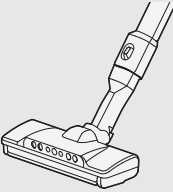
裝上夾刷器，請先固定卡榫。否則可能導致損壞。

故障排除


要求維修之前
請再次檢查以下幾點

吸塵機無法運作或在清潔過程中停止。吸力弱。旋轉毛刷停止旋轉。

保護裝置可能啟動。請依照下述指示解除保護裝置。

保護裝置和原因	真空吸塵機的吸力變弱或在清潔過程中停止。		電動吸頭的旋轉毛刷	
	<p>為了防止吸塵機馬達或電池過熱，吸塵機有時可能會自動進入安全模式，真空吸塵機會以較低電力與吸力運作。</p> 		<p>如果真空吸塵機在旋轉毛刷承受大量阻力的情況下持續運作，旋轉毛刷將自動停止旋轉以防止馬達過熱。</p> 	
	<p>濾網指示燈閃爍 (大約每秒兩次)。</p> <div><div>灰塵與碎屑阻塞在集塵器清潔濾網或海綿濾網 → ①</div><div>堵住吸入口時運轉 → ②</div></div>	<p>濾網指示燈熄滅或電池指示燈緩慢閃爍 (大約每兩秒一次)。</p> <div><div>電池發熱 → ③</div><div>真空吸塵機馬達發熱 → ③</div></div>	<p>濾網指示燈閃爍 (大約每秒兩次)。</p> <div><div>灰塵與碎屑阻塞在集塵器清潔濾網或海綿濾網 → ①</div><div>堵住吸入口時運轉 → ②</div></div>	<p>濾網指示燈熄滅。</p> <div><div>異物卡在真空吸塵機中 → ④</div><div>電動吸頭壓在要清潔的區域上 → ⑤</div></div>

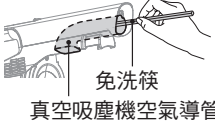
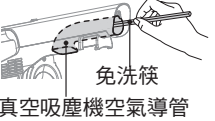
如果真空吸塵機持續進一步運轉，吸塵機即會自動停止。

指示	按真空吸塵機的  按鈕以停止運轉。				
	<p>①</p> <p>清空集塵器或保養集塵器或濾網。 → (C-20~C-24, C-27~C-28頁)</p>	<p>②</p> <p>清除堵塞吸入口的物體。</p>	<p>③</p> <p>讓真空吸塵機冷卻。 (真空吸塵機可能需要一些時間才能冷卻。)</p>	<p>④</p> <p>從旋轉毛刷清除異物 → (C-29~C-30頁)</p>	<p>⑤</p> <p>請勿用力將電動吸頭或迷你電動吸頭壓在地板或地毯上。</p>

保護裝置會在 5 到 60 分鐘後解除，之後您即可正常使用吸塵機。

故障排除（續）

其他狀況

狀況	要檢查的項目	修理方法	參照頁
吸力變弱或在操作過程中停止。	剩餘電量是否不足？ [電量指示燈閃爍（大約每秒兩次）]	將真空吸塵機固定在充電座上，或將 AC 變壓器連接至真空吸塵機，為真空吸塵機充電。	C-11頁
	出風口是否異常變熱？	按運轉開關停止操作。等候真空吸塵機冷卻，然後再次啟動操作。	-
	在高溫場所（例如受陽光直射或曝露在陽光下的車內）以「強」模式持續運作時，保護裝置可能會啟動，吸力也可能會變弱，以防止真空吸塵機與電池過熱。		C-31頁
吸力變弱或在操作過程中停止。 (濾網指示燈閃爍。) 運作聲音變大。	集塵器是否已裝滿灰塵與碎屑？	清空集塵器。	C-20-C-22頁
	濾網上是否卡著灰塵與碎屑？	清潔濾網（用水清洗）。	C-23-C-25 C-27-C-28頁
	真空吸塵機空氣導管是否被灰塵與碎屑堵塞？	使用免洗筷等物品清除灰塵與碎屑。 	-
	電動吸頭是否被灰塵與碎屑堵塞	清除灰塵與碎屑。	C-29 至 C-30頁
	是否吸入細沙或灰塵與碎屑？	清空集塵器並保養濾網（用水清洗）。	C-20 至 C-24 C-27-C-28頁
吸塵機無法運作或在運作中停止	剩餘電量是否不足？	為電池充電。	C-11頁
	真空吸塵機是否正在充電？	從充電座取下真空吸塵機或拔下 AC 變壓器。	-
即使充滿電，運轉時間仍較短	室溫是否低於 5°C 或高於 35°C？	使用真空吸塵機或為電池充電時，請確定環境溫度介於 5°C 與 35°C 之間。	C-11頁
	您是否在低溫處使用真空吸塵機？	將真空吸塵機置於室溫 5°C 以上、35°C 以下的區域一段時間，等候真空吸塵機暖機，然後再次開始操作。	-
	真空吸塵機是否長時間閒置而未替電池充電？	可能暫時難以恢復電池容量。反覆使用吸塵機，直到電量耗盡再充飽電兩到三次。	C-11頁
	電池是否耗盡？	如果即使已充滿電且濾網已清潔（用水清洗）但真空吸塵機仍在運作短時間後停止，您可能需要更換電池。請洽日立授權維修代理商。	C-20 至 C-24 C-27-C-28頁
出風口或真空吸塵機變暖（運轉中）	利用空氣的流動來冷卻馬達並非異常。		-
真空吸塵機或 AC 變壓器變暖（充電中）。	這是由於電流流至控制電路而使溫度升高，並非異常。		-
出風口散發出異味	濾網上是否卡著灰塵與碎屑？	請保養每個濾網（用水清洗）。	C-27-C-28 頁
	清洗後，濾網是否已徹底風乾？	清洗後，請讓濾網徹底風乾。	
集塵器周圍發出異常聲音。	集塵器清潔濾網與集塵器是否牢牢固定？	牢牢固定。	C-23 至 C-25頁
	真空吸塵機空氣導管是否被灰塵與碎屑堵塞？	使用免洗筷等物品清除灰塵與碎屑。 	-

狀況	要檢查的項目		修理方法	參照頁
集塵器中的灰塵與碎屑未旋轉	灰塵與碎屑可能不會旋轉，視灰塵類型和堆積方式而定；這是正常現象。			-
拆下集塵器時，灰塵與碎屑散出真空吸塵機。	集塵器中的灰塵與碎屑是否達到集塵器的垃圾傾倒線？	在灰塵與碎屑達到集塵器的垃圾傾倒線之前棄置。		C-20 至 C-22頁
拆下附件時，灰塵與碎屑散出。	集塵器中的灰塵與碎屑是否達到集塵器的垃圾傾倒線？	在灰塵與碎屑達到集塵器的垃圾傾倒線之前棄置。		C-20 至 C-22頁
	如果在真空吸塵機朝上的情況下停止操作，則灰塵與碎屑可能會留在真空吸塵機空氣導管中。停止操作前先讓真空吸塵機朝下。			-
電動吸頭的旋轉毛刷停止或旋轉不順。	剩餘電量是否不足？ [電量指示燈閃爍（大約每秒兩次）]	為電池充電。		C-11頁
	電動吸頭是否牢牢固定？	牢牢固定。		C-2頁
	電動吸頭是否離開要清潔的表面（地板或布料）？	電動吸頭被設計成在離開要清潔的表面時停止旋轉。請確定電動吸頭碰到要清潔的表面。		C-15 C-17頁
	灰塵與碎屑是否附著在旋轉毛刷、安全開關等處？	清除灰塵與碎屑。		C-29 至 C-30頁
（電動吸頭的旋轉毛刷停止或 LED 照明燈熄滅濾網指示燈閃爍。）	旋轉毛刷可能自動停止，以防止電動吸頭馬達過熱。	清空集塵器並保養濾網（用水清洗）。清除堵塞吸入口的物體。		C-20 至 C-24 C-27-C-28頁
電動吸頭或毛刷是否在地板上留下痕跡。	使用軟布等清除。			C-15, C-16, C-19頁
LED 照明燈變暗	剩餘電量是否不足？	為電池充電。		C-11頁
電動吸頭發出撞擊聲	安全開關的設計會產生聲音。此聲音並非表示產品有狀況。			-
為真空吸塵機充電時，電量指示燈未亮起（仍熄滅）。	AC 變壓器是否牢牢插入插座？	牢牢插入插頭。		C-11頁
	AC 變壓器的接頭是否牢牢插入真空吸塵機？	牢牢插入接頭。		
	電池是否充滿電？	充滿電時，電量指示燈熄滅。		
	AC 變壓器或真空吸塵機的端子是否變髒？	拔下插頭並取下電池，然後用乾布清除端子上的灰塵與碎屑。		-
	您是否長時間閒置真空吸塵機而未替電池充電？長時間閒置真空吸塵機後可能必須更換電池，因為其性能和壽命可能已劣化。請洽日立授權維修代理商。			-

故障排除（續）

狀況	要檢查的項目	修理方法	參照頁
即使將 AC 變壓器的接頭插入真空吸塵機上的端子，電量指示燈仍快速閃爍（大約每秒四次）。	您是否使用真空吸塵機隨附的 AC 變壓器？	請勿使用真空吸塵機隨附 AC 變壓器以外的變壓器。	C-11頁
	電量已耗盡，或電池或 AC 變壓器損壞。請洽日立授權維修代理商。		—
電量指示燈快速閃爍（大約每秒四次）	電量指示燈快速閃爍（大約每秒四次）表示電量已耗盡或電池損壞。即使再次將 AC 變壓器連接至真空吸塵機電量指示燈仍持續快速閃爍時，請洽日立授權維修代理商。		—
電池指示燈緩慢閃爍（大約每兩秒一次）	如果電量指示燈快速閃爍（大約每秒兩次），表示真空吸塵機處於安全模式下減少吸力運轉，以防止吸塵機的馬達或電池過熱。	等候真空吸塵機冷卻，然後再次啟動操作。	C-31頁
充電需要很長的時間。	AC 變壓器的接頭插入真空吸塵機上的端子時，真空吸塵機是否未變熱？	保護裝置運作中，這是正常現象。充滿電時，電量指示燈熄滅。	C-9頁
	室溫是否低於 5°C 或高於 35°C？	在室溫 5°C 以上、35°C 以下的區域進行充電。	C-8頁
	電池充電時間可能因使用環境與狀況（如環境溫度）和真空吸塵機的使用時間長短而拉長。		C-9頁
	如果電池充電達七小時以上而電量指示燈未熄滅，表示裝置可能已損壞。請洽日立授權維修代理商。		—
電量指示燈在電池充電時閃爍。	室溫是否低於 5°C 或高於 35°C？	在室溫 5°C 以上、35°C 以下的區域進行充電。	C-9頁
如果問題仍然存在		請勿嘗試自行維修。 請洽日立授權維修代理商。	—

更換電池與廢棄真空吸塵機



危險



- 請勿將電池插入除本真空吸塵機以外的其他機器。請勿拆解、改造或焊接電池。電池未連接真空吸塵機時，請勿將電池充電。僅限由受過訓練的服務技術人員更換電池。
如果未留意此警告可能導致電池漏液、發熱、破裂、冒煙、起火、觸電或受傷。
- 請勿嘗試使用您已嘗試拆下電池的真空吸塵機（已拆下螺絲等）。

更換電池


電池是消耗品。如果正確充電後的電池使用時間變短，表示電池壽命已結束。
如果電池壽命結束，請洽日立授權維修代理商請求更換電池。
更換的零件將收取其他費用（零件與人工），並由客戶承擔此費用。

更換電池與廢棄真空吸塵機（續）

為了防止財產損失和人身傷害，請仔細閱讀安全注意事項 → (C-4 至 C-8頁) 並以正確方式廢棄產品。

回收電池（處置產品時）

本產品使用鋰離子電池。
鋰離子電池為可回收的寶貴資源。



Li-ion 20

處置真空吸塵機時，請依照下述程序拆下電池，然後將真空吸塵機帶到日立授權維修代理商或我們的回收合作夥伴店家之一。或者諮詢當地市政府處置真空吸塵機的正確方法，然後遵守當地回收規定。*回收規定可能因當地市政府而異。

拆下電池（處置產品時）


準備右列工具並正確遵照步驟拆下電池。

所需工具

十字螺絲起子、剪線器、絕緣膠帶

1

使用真空吸塵機，直到電量耗盡且吸塵機完全停止運作。
按下運轉開關並確定電量指示燈未亮起。



警告

恐有觸電或受傷之虞
如果未將電量耗盡，則馬達可能會在拆卸電池時開始運作。

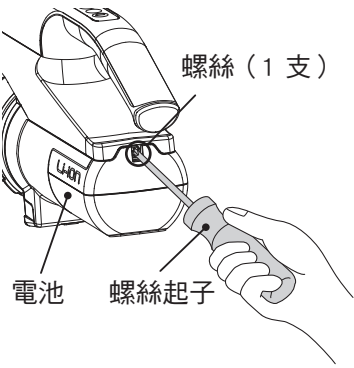
2

取出集塵器 → (C-21頁)、延長管及電動吸頭。→ (C-2頁)

3

1

使用十字螺絲起子拆下固定電池的螺絲。



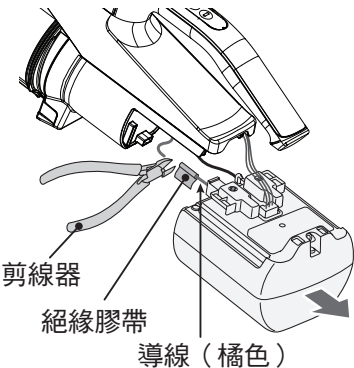
螺絲 (1 支)

電池

螺絲起子

2

拉出電池，使用剪線器在距離電池約 20mm 處剪斷將電池連接至真空吸塵機的紅色導線，並用絕緣膠帶包覆電線以使其絕緣。



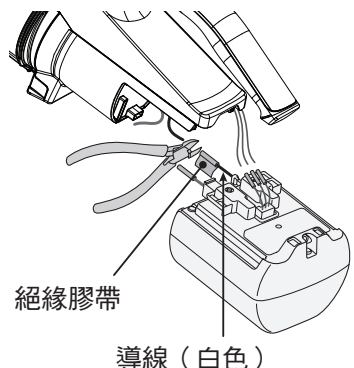
剪線器

絕緣膠帶

導線 (橘色)


3

使用剪線器在距離電池約 20mm 處逐一剪斷其餘導線，並用絕緣膠帶包覆電線以使其絕緣。



絕緣膠帶

導線 (白色)



警告

恐有火災、觸電或受傷之虞

- 拆下電池時，請勿按運轉開關。否則馬達會啟動。
- 剪斷導線時請逐一剪斷。

規格

品名		無線直立式真空吸塵機	
型號名稱		PV-XL2K	PV-XL1K
真空吸塵機	額定電壓	DC18V	DC18V
	標準電池容量	2,100mAh	2,100mAh
	集塵盒容量	0.35L	0.35L
	集塵量（垃圾傾倒線）	0.25L	0.25L
	使用電池	鋰離子電池（5枚）	鋰離子電池（5枚）
	持續使用時間*	強：約8分鐘 標準：約 30 分鐘（使用電動吸頭） 標準：約 45 分鐘（未使用電動吸頭） （充滿電、新電池、20℃時）	強：約8分鐘 標準：約 30 分鐘（使用電動吸頭） 標準：約 45 分鐘（未使用電動吸頭） （充滿電、新電池、20℃時）
	尺寸	用於直立式吸塵時（長 × 闊 × 高）	240mm × 230mm × 1,180mm
		用於手提式吸塵時（長 × 闊 × 高）	171mm × 90mm × 430mm
	重量	用於直立式吸塵時	1.5 kg
		用於手提式吸塵時	1.05 kg
AC 變壓器	輸入	AC220-240V 50-60Hz 0.3A	AC220-240V 50-60Hz 0.3A
	輸出	DC 21.5V 0.9A	DC 21.5V 0.9A
	充電時間	約3.5小時（因室溫或使用時間等條件而異）	約3.5小時（因室溫或使用時間等條件而異）
	電源線長度	1.6m	1.6m
充電座	外觀尺寸（長 × 闊 × 高）	134mm × 187mm × 331mm	134mm × 187mm × 331mm
	重量	0.34kg	0.34kg
標準配件		電動吸頭.....1 個 延長管.....1 個 AC 變壓器*1.....1 個 壁掛架.....1 個	電動吸頭.....1 個 延長管.....1 個 AC 變壓器*1.....1 個 壁掛架.....1 個
附件		手提式毛刷.....1 個 雙向縫隙吸塵管.....1 個 床褥吸頭.....1 個 多角度微塵毛刷.....1 個	手提式毛刷.....1 個 雙向縫隙吸塵管.....1 個 - -

備註：電池壽命隨著使用真空吸塵機的環境溫度與其他條件而異。

*1)PVA-T02-BS：BS 型插頭形狀

PVA-T02-VDE：VDE 型插頭形狀