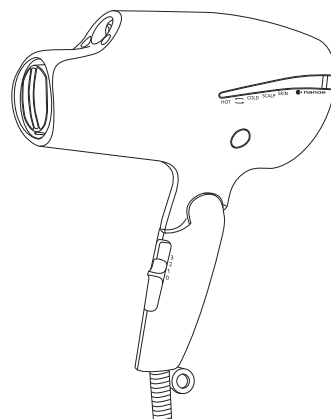


# Panasonic®

Operating Instructions  
(Household) Hair Dryer  
Model No. EH-NA98C

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 nanoe™



Operating Instructions  
(Household) Hair Dryer  
Model No. EH-NA98C

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Thank you for purchasing this Panasonic product.

**Before operating this unit, please read these instructions completely and save them for future use.**

nanoe™ is a trademark of Panasonic Corporation.  
A nanoe™ is a nano-sized ion particle coated with water particles.

## Safety precautions

To reduce the risk of injury, loss of life, electric shock, fire, and damage to equipment or property, always observe the following safety precautions.

### Explanation of symbols

The following symbols are used to classify and describe the level of hazard, injury, and property damage caused when the denotation is disregarded and improper use is performed.



## WARNING

Denotes a potential hazard that could result in serious injury or death.



## CAUTION

Denotes a hazard that could result in minor injury or property damage.

The following symbols are used to classify and describe the type of instructions to be observed.



This symbol is used to alert users to a specific operating procedure that must not be performed.



This symbol is used to alert users to a specific operating procedure that must be followed in order to operate the unit safely.



## WARNING

### ► Plug and Cord



**Do not use with the cord bundled.**

- Doing so may cause fire or electric shock.

**Do not damage or modify, or forcefully bend, pull, or twist the cord. Also, do not place anything heavy on or pinch the cord.**

- Doing so may cause electric shock or fire due to a short circuit.



**Do not use when the plug or cord is damaged or hot.**

- Doing so may cause burn, electric shock, or fire due to a short circuit.



**Never use the appliance if the plug fits loosely in a household outlet.**

- Doing so may cause burn, electric shock, or fire due to a short circuit.

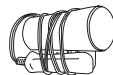


**Do not connect or disconnect the plug to a household outlet with a wet hand.**

- Doing so may cause electric shock or injury.

**Do not wrap the cord tightly around the main body when storing.**

- Doing so may cause the wire in the cord to break with the load, and may cause electric shock or fire due to a short circuit.





# WARNING

**Disconnect the plug by holding onto it instead of pulling on the cord.**



- Failure to do so may cause the wire in the cord to break, and may cause burn, electric shock, or fire due to a short circuit.

**Regularly clean the plug to prevent dust from accumulating.**



- Failure to do so may cause fire due to insulation failure caused by humidity.  
Disconnect the plug and wipe with a dry cloth.

**Always turn OFF the power switch and disconnect the plug from the household outlet after use.**



- Failure to do so may cause fire or burn.

**Fully insert the plug.**



- Failure to do so may cause fire or electric shock.

**Use the household outlet alone: do not use with an extension cord.**



- Failure to do so may cause fire or electric shock.

**Always ensure the appliance is operated on an electric power source matched to the rated voltage indicated on the appliance.**



- Failure to do so may cause fire, electric shock, or burn.

**When the appliance is used in a bathroom, unplug it after use since the proximity of water presents a hazard even when the appliance is switched off.**



- Failure to do so may cause an accident or injury.

For additional protection, the installation of a residual current device (RCD) having a rated residual operating current not exceeding 30 mA is advisable in the electrical circuit supplying the bathroom. Ask your installer for advice.



- Failure to do so may cause an accident or injury.

**If the supply cord is damaged, it must be replaced by the manufacturer, its service agent (described in the warranty), or similarly qualified persons in order to avoid a hazard.**



- Failure to do so may cause an accident or injury.

## ► In case of an abnormality or malfunction

**Immediately stop using and remove the plug if there is an abnormality or malfunction.**

- Failure to do so may cause fire, electric shock, or injury.

**<Abnormality or malfunction cases>**



- Air is not emitted
  - Unit stops sporadically
  - Interior becomes red hot and smoke is emitted
- Immediately request inspection or repair at an authorized service center.

## ► Maintenance

**When you see sparks around the air outlet while using the hot air setting, stop use and remove the lint on the air outlet and air inlet.**



- Failure to do so may cause burn or fire.

## ► This appliance

**Do not block or insert hair pins or other foreign objects into the air inlet, air outlet, nanoe™ outlet or mineral ion outlet.**



- Doing so may cause fire, electric shock, or burn.



## WARNING



**Do not leave the area with the power switch left on.**  
- Doing so may cause fire.



**Do not use in proximity of flammable materials (such as alcohol, benzine, thinner, spray, hair care product, nail polish remover).**  
- Doing so may cause an explosion or fire.



**Never modify, disassemble, or repair.**  
- Doing so may cause ignition or injury due to abnormal operation.  
Contact an authorized service center for repair.



**Do not store within the reach of children or infants. Do not let them use it.**  
- Doing so may cause burn, electric shock, or injury.



**Do not use the appliance with a wet hand.**  
- Doing so may cause electric shock or fire due to a short circuit.



**This appliance is not designed for commercial use, and is not intended for use without appropriate maintenance.**  
- Doing so may cause burn or fire due to a continuous load or overload.

**Do not immerse the appliance in water.**

**Do not use the appliance near water.**



**Do not use the appliance near bathtubs, showers, basins or other vessels containing water.**  
- Doing so may cause electric shock or fire.



**This symbol on the appliance means “Do not use this appliance near water”.**



**If you feel pain or abnormality on your skin or other part of your body, immediately stop using this product.**  
- Failure to do so may cause problems with the skin or body.



**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. Children should be supervised to ensure that they do not play with the appliance.**  
- Failure to do so may cause an accident or injury.



# CAUTION

## ► To protect your hair



### Do not use with the air inlet damaged.

- Your hair may get tangled in the air inlet, which could damage the hair.



### Keep a distance of over 3 cm between the air outlet and your hair.

- Failure to do so may cause burns to the hair.

### Be sure to keep your hair at least 10 cm away from the air inlet.

- Your hair may get tangled in the air inlet, which could damage the hair.



## ► Note the following precautions



### Do not store the cord in a twisted state.

- Doing so may cause the wire in the cord to break with the load, and may cause electric shock or fire due to a short circuit.



### Do not drop or subject to shock.

- Doing so may cause electric shock or ignition.



### Only use for drying or styling human hair or for skin. (Do not use on pets, or to dry clothing, shoes, etc.)

- Doing so may cause fire or burn.



### Do not use on children or infants.

- Doing so may cause burn.



### Do not touch the air outlet which will become very hot.

- Doing so may cause burn.

### When unfolding or folding the handle, do not touch the shaded area as shown in figures below.

- Failure to do so may cause finger injury.



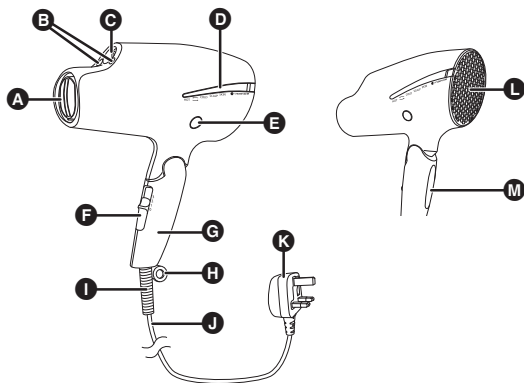
### Close your eyes when blowing air on your face in skin care mode.

- Failure to do so may cause eye problems.

## ► Notes

- This hair dryer is equipped with an automatic overheating protective device. If the hair dryer overheats, it will switch to cold air mode. Switch off the hair dryer and unplug it from the household outlet. Allow it to cool down for a few minutes before using it again. Check that no fluff, hair etc. is in the air inlets and outlets before switching it on again.
- You may notice a characteristic odor when using this hair dryer. This is caused by the ozone it generates and is not harmful to the human body.

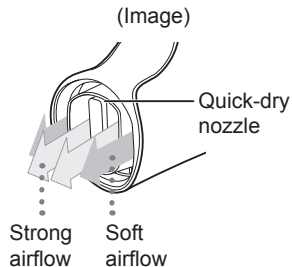
## Parts identification



### ► Quick-dry nozzle

You can increase the drying rate by using the vertical strong and weak airflows to dry and loosen bundles of damp hair.

- The quick-dry nozzle cannot be removed.



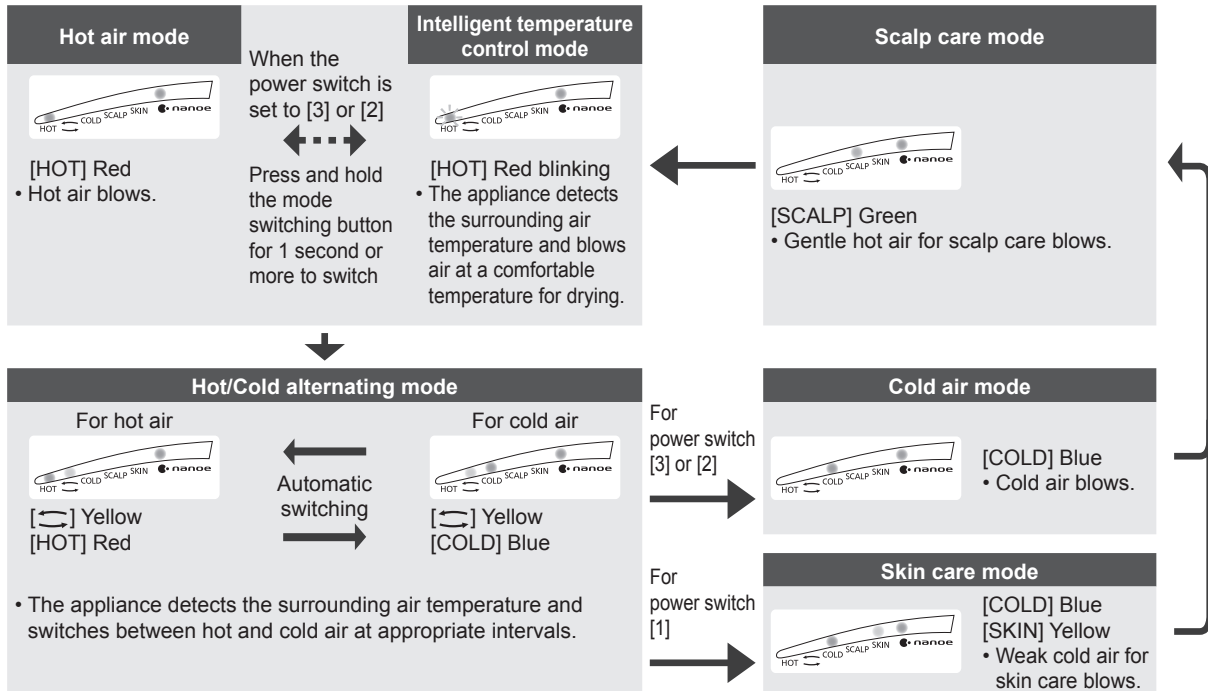
- A** Air outlet
- B** Quick-dry nozzle
- E** Mineral ion outlet
- C** nanoe™ outlet
- D** Mode indicator
- E** Mode switching button
- F** Power switch
  - 3: Turbo (Very strong airflow)
  - 2: Dry (Strong airflow)
  - 1: Set (Gentle airflow)
  - 0: Off
- G** Handle
- H** Ring for hanging
- I** Bushing
- J** Cord
- K** Plug
- L** Air inlet
- M** nanoe™ ion charge plus panel



## Mode indicator and mode explanation

### Switch mode with mode switching button

- The appliance will enter hot air mode when the power switch is turned on.



- In all modes, the nanoe™ lamp glows, and air including nanoe™ and mineral ion blows.

- When [HOT], [↔] (hot/cold alternating mode) hot air, [SCALP] is selected, cold air blows around the hot air, helping set your hair and making your hair shiny.

## About nanoe™ and double mineral\*

\* “Double mineral” means mineral ions generated by two zinc electrodes.

### nanoe™ and double mineral effect

Controls waviness by balancing hair moisture content, making hair glossy and easy to style.

In addition to making hair strong against damage from brushing etc., limits the influence of UV on hair, leading to beautiful hair.



Mineral ion outlet

### What is nanoe™, mineral ion?

(nanoe™, mineral ion generation method: high voltage discharge)

#### nanoe™

nanoe™ is water-wrapped particulate ion, generated by applying high voltage to split water.

Their diameter is smaller than approx. 1/100 of steam and they cannot be seen by the eye.

nanoe™ may not be generated depending on the usage environment because nanoe™ is generated by collecting moisture in the air. In low temperatures and low humidity it becomes difficult to collect moisture from the air. In this case, ions are generated.

#### Mineral ion

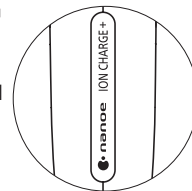
Ions generated by a zinc electrode that cannot be seen by the eye.

## nanoe™ ion charge plus panel

Hair is negatively charged when nanoe™ or mineral ions are continuously applied. Negatively charged hair repulses nanoe™ and mineral ions, making it hard for nanoe™ and mineral ions to be applied to the hair.

When this occurs, simply by holding the nanoe™ ion charge plus panel together with the handle, the negative charge accumulated on hair is released.

By doing this, nanoe™ and mineral ions can continue to penetrate the hair, supplying moisture and moisturizing the hair thoroughly right up to the tip.



### ► Notes

• Results of nanoe™, mineral ions and hot/cold alternating mode (See page 11.) on hair vary according to the individual, and the following people may find it hard to experience an effect.

- People with curly hair
- People with strong wavy hair
- People with smooth hair that can be easily set
- People who have had a straightening perm within 3 to 4 months
- People with short hair

Curly hair	Wavy hair

## How to use the hair dryer

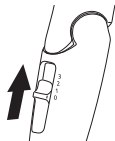
### Preparation

- 1 Use a towel to partially dry your hair.
- 2 Then brush or comb your fingers to remove tangles.
- 3 Plug into the household outlet.

### Dry your hair

- 1 Select airflow strength using the power switch.

- Select [3] or [2] with the power switch.



- 2 Direct warm air throughout your hair.

- Your hair will dry quickly if you direct the warm air towards the roots.



- 3 When the hair is about 90% dry, use the hot/cold alternating mode to finish it well, making the hair shiny.

- Select [↔] with the mode switching button.



In order to thoroughly apply hot and cold air, part your hair to the left and right to dry it.

1. Apply the hot/cold alternating mode while running your fingers through your hair from the inside. (One side)
2. Apply the hot/cold alternating mode while running your fingers through your hair from the top of your head to the tip of your hair. (One side)
3. Also perform step 1 and 2 on the opposite side.



- 4 Set the power switch to [0].

- 5 Remove the plug from the household outlet.

- When drying is complete, finish with a brush or your fingers.
- After the hair dryer has cooled down sufficiently, keep it in a place with low humidity.

### ► Notes

- Keep a distance of over 3 cm between the air outlet and your hair.
- Keep the appliance at least 10 cm away from your hair so that it is not sucked into the air inlet.
- Be careful not to bump the air inlet such as on the corner of a desk.
- Styling and treatment agents etc. can be used. However, if you use sticky substances such as oil, gel or wax, the intended effect of nanoe™ and mineral ion may become difficult to achieve.
- Since nanoe™ and mineral ions are generated, you might encounter the following.
  - Water droplets may be blown out of the nanoe™ outlet during use.
  - You may hear a noise from the nanoe™ outlet or the mineral ion outlet.
  - You may notice a characteristic smell during use.



### To increase hair volume

Lift the base of your hair and apply the hot air from the bottom to the top.

For top



For inner hair



### To decrease hair volume

Run your hand through your hair in the same direction as the hair flow, and apply hot air from the top to bottom.



### To set your hair

1. Dampen the area of your hair you want to set with water etc.
  - Massage your hair so that water etc. penetrates to the inner side.
2. Select [1] with the power switch.
3. Select [HOT] with the mode switching button and apply hot air.



### To make your hair setting last longer

Apply cold air to the area of your hair you want to set after applying hot air.

### ► Note

- Wave perms may temporarily become easy to stretch when you apply nanoe™ and mineral ion to your hair, but return to their original state when you apply water or styling agents.

## Skin care mode

Keep skin, that is easy to dry out after bathing, moist and soft by applying air including nanoe™ and mineral ions.

**Do this after drying your hair following procedure 3 on P.11**

**1** Select [1] with the power switch.

**2** Select [COLD] with the mode switching button.

**3** Place the air outlet at a distance of about 20 cm from your chin and apply air for about 1 minute, moving the appliance to the left and right.

- Use with your eyes closed.
- Perform skin care using lotion or milky lotion, in the same way and timing as normal.



## Scalp care mode

Moisture remaining on the surface of bare skin leads to discomfort, such as stickiness.

Gently dries bare skin with hot air at approx. 50 °C\*.

\*When the room temperature is 23 °C

**Do this after drying your hair by about 70% following procedure 2 on P.11**

**1** Select [SCALP] with the mode switching button.

**2** Lift your hair by hand and dry your scalp.

- You may feel cold depending on the ambient temperature. In this case, move the appliance further away from your scalp on [HOT] and apply air.

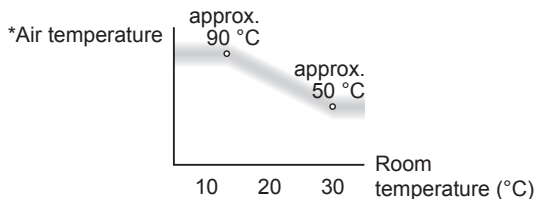
**3** Select [HOT] with the mode switching button and dry your hair overall.



## Intelligent temperature control mode

At times when it is unpleasantly hot and humid, such as after bathing in summer, the hot air temperature is controlled automatically depending on the room temperature, to allow comfortable drying.

<Image of room temperature and hot air>



\* The description of the air temperature is based on IEC standard.

**Do this when you wish to reduce the hot sensation of hot air following procedure 2 on P.11**

**1 Press and hold the mode switching button for 1 second or more when using HOT [3] or [2].**

- ([HOT] changes to blinking)



**2 Dry your hair overall.**

- Press and hold the mode switching button again for 1 second or more to return to normal hot air.
- The appliance will return to hot air mode once the power switch is turned off.



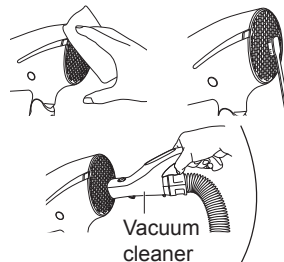
## Maintenance of the hair dryer

**Always turn the power switch off and disconnect the plug from the household outlet. (Except when performing maintenance on the air outlet)**

### Maintaining the air inlet

**Do this about once a month or over**

Wipe to clean lint, hair, or other matter from the air inlet with a tissue or toothbrush.



If dust is attached to the inside, remove it with a vacuum cleaner.

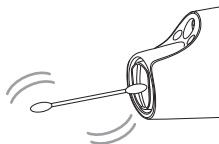
#### ► Note

- Do not press or rub with your nails or sharp items. Doing so may cause the air inlet to break.

## Maintaining the air outlet

### Do this about once a month or over

1. Plug into the household outlet.
2. Select [1], [2] or [3] with the power switch.
3. Select [COLD] with the mode switching button.
4. While scraping dust and hair jammed in the mesh with a cotton swab, blow them away with air.



### ► Notes

- When performing maintenance, do not block the air inlet with your hand.
  - Dust may fly out when you use the appliance for the first time after maintenance.
- Use the appliance after confirming that dust no longer flies out.

## Maintaining the nanoe™ outlet and the mineral ion outlet

### At least once a month

In order to maintain the generation amount of nanoe™ and mineral ion.

1. Prepare a commercially available new cotton swab.
2. Moisten the tip of the cotton swab with water.
3. Gently insert the swab in the nanoe™ outlet and the mineral ion outlet until it stops (about 10 mm), and then turn the cotton swab 2-3 times carefully.



### ► Note

- It is easier to clean the nanoe™ outlet and the mineral ion outlet with a narrow cotton swab (for example, one intended for babies).

## Maintaining the main body

### Do this when dirty

To clean the hair dryer (when it is dirty), soak a cloth in the soapy water and squeeze it out firmly, then wipe with the cloth.

### ► Notes

- Do not use substances such as alcohol, nail polish remover or detergent (hand soap). Doing so may result in malfunction or part cracks or discoloration.
- Do not leave the appliance with hairdressing products or cosmetics on it. Doing so will cause deterioration of the plastic, leading to discoloration and cracks.



## Troubleshooting

Problem	Possible cause	Action
Sparks can be seen inside the appliance when using [HOT]. (These sparks are caused by the thermostat switch, the protective device, and this is not dangerous.)	▶ Dust is attached to the air inlet or air outlet.	▶ Remove the attached dust. (See page 14.)
Hot air repeatedly turns into cold air.	▶ Hair or something is blocking the air inlet.	▶ Do not block the air inlet.
The hot air is abnormally hot.	▶ The power plug is not firmly inserted into the outlet.	▶ Use an outlet in which the power plug fits snugly.
The power plug is abnormally hot.	▶ The needle-shaped part located at the back of the nanoe™ outlet is dirty.	▶ Perform maintenance on the nanoe™ outlet. (See page 15.)
Sparks are generated inside the nanoe™ outlet.	▶ This is because nanoe™ and mineral ion produce a peculiar smell; there is no influence to your body.	
A noise (crackling) is heard inside the nanoe™ outlet.	▶ Water droplets occasionally fly out from when generating nanoe™; this is not an abnormality.	
There is a peculiar smell.	▶ Device abnormality.	▶ Please consult an authorized service center for repair.
Water droplets fly out from the nanoe™ outlet.		
The [HOT] lamp is blinking quickly (twice per second).		

If the problems still cannot be solved, contact the store where you purchased the unit or a service center authorised by Panasonic for repair.

## Specifications

Product name	Hair Dryer
Product model	EH-NA98C
Power source	220 V ~ 50 Hz
Power consumption	1 800 W (When using [HOT] [3])

This product is intended for household use only.



## 目錄

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感謝您購買 Panasonic 產品。

使用本產品前，請仔細閱讀此說明書，並妥善保存以備將來參考。


nanoe™ 為 Panasonic Corporation 的商標。  
nanoe™ 是以水分子包裹的納米離子。


## 安全須知

為減低受傷、死亡、觸電、火災及財物損失的風險，請務必遵照以下安全預防措施。


## 符號說明

以下符號用於為危險、傷害及財物損失的級別分類和作出解釋。若不理解此等符號，不當使用本產品就可能會導致所述的危險、人身傷害及財物損失。

 **警告** 表示潛在的危險可能會導致嚴重受傷或致命。

 **注意** 表示可能會導致輕微受傷或財產損失的危險。






以下符號用於分類和解釋必須留意的指示類型。

 此符號用於提示用戶，不得執行某項特定的操作程序。

 此符號用於提示用戶，必須遵從某項特定的操作程序，藉以安全操作本產品。

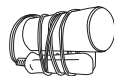
## 警告



### ▶ 插頭和電源線

-  切勿在電源線網綁時使用。  
- 否則可能會造成火警或觸電。
-  切勿損壞、改裝、用力彎曲、拉扯或纏繞電源線。此外，切勿將重物放在電源線上或夾緊電源線。  
- 否則可能會造成觸電或由於短路引起火災。
-  當插頭或電源線已經損壞或發熱時，切勿使用。  
- 否則可能會造成灼傷、觸電或由於短路引起火災。
-  如果插頭在家用電源插座內有鬆動現象，切勿使用本產品。  
- 否則可能會造成灼傷、觸電或由於短路引起火災。
-  切勿在手濕時將插頭插入家用電源插座或從插座中拔除。  
- 否則可能會造成觸電並受傷。

儲藏時，切勿將電源線緊緊纏繞住本機。

- 否則可令電源線內的電線因負荷而斷裂，並導致觸電或因短路而導致火警。



-  拔除插頭時，請握住插頭，不要拉扯電源線。  
- 否則可能會造成電源線燒斷，並可能會造成灼傷、觸電或由於短路引起火災。
-  請定期清潔插頭，避免灰塵堆積。  
- 否則可能會因潮濕造成絕緣故障，進而引起火災。  
請拔除插頭並使用乾布擦拭。

# 警告

- ❗ 使用後，請務必關閉電源開關並從家用插座拔除插頭。  
- 否則可能會造成火警或灼傷。
- ❗ 請完全插入插頭。  
- 否則可能會造成火警或觸電。
- ❗ 請使用獨立的家用電源插座：切勿搭配延長電源線使用。  
- 否則可能會造成火警或觸電。
- ❗ 請務必確保在符合本產品上指定的額定電壓的電源上操作本產品。  
- 否則可能會造成火警、觸電或灼傷。
- ❗ 在浴室使用本產品時，即使本產品電源關閉，在水源附近仍有可能發生危險，因此使用後請將插頭拔下。  
- 否則可能會發生意外或受傷。
- ❗ 為了保護您的安全，建議您在浴室的供電電路中安裝一個額定漏電動作電流不超過 30 mA 的漏電保護開關 (RCD)。請向安裝者諮詢意見。  
- 否則可能會發生意外或受傷。
- ❗ 如果本機的電源線已經損壞，務必立即停止使用，並送交 Panasonic 直屬服務站（在此保證書內說明）進行更換。  
- 否則可能會發生意外或受傷。

## ► 如過操作異常或故障

- 如果出現異常或故障，請立即停止使用並拔除插頭。  
- 否則可能會造成火警、觸電或受傷。  
◁ 異常或故障狀況 ▷
  - ❗ 無法送風
  - ❗ 本機偶爾停止
  - ❗ 內部變成火紅炙熱狀且冒煙
- 請立即將產品帶往 Panasonic 直屬服務站，以要求檢查或維修。

## ► 保養

- ❗ 使用熱風設定時，如果您看到出風口處出現火花，請停止使用並清除出風口與入風口處的棉絮。  
- 否則可能會造成灼傷或火災。

## ► 本產品

- ⊘ 請勿阻塞或是將髮夾或其他異物插進入風口、出風口、nanoe™ 出風口或礦物負離子出風口。  
- 否則可能會造成火警、觸電或灼傷。
- ⊘ 當電源開關開啟時，切勿離開該區域。  
- 否則可能會造成火災。
- ⊘ 切勿在有易燃物質（例如，酒精、揮發油、稀釋劑、噴霧、護髮產品、去光水）附近使用。  
- 否則可能會造成爆炸或火災。
- ⊘ 切勿改裝、拆卸或修理。  
- 否則可能會由於不正常操作而起火或受傷。  
請聯絡 Panasonic 直屬服務站進行維修。
- ⊘ 請勿將本產品放置在兒童和嬰幼兒的接觸範圍內。此外，請勿讓他們接觸或操作本產品。  
- 否則可能會造成灼傷、觸電或受傷。

## 警告

- ❌ 切勿在手濕時使用本產品。  
- 否則可能會造成觸電或由於短路引起火災。
  - ❌ 本產品非設計為商業用，且無適當保養不宜使用。  
- 否則可能會由於連續使用或過度使用而造成灼傷或火災。
- 切勿將本產品浸入水中。  
請勿在水源附近使用本產品。  
切勿在靠近浴缸、蓮蓬頭、水盆或其他裝水的容器附近使用本產品。  
- 否則可能會造成觸電或火警。



本產品上的此符號表示「請勿在水源附近使用本產品」。

- ❗ 若皮膚或身體其他部位感到疼痛或不適，請立即停止使用本產品。  
- 否則可能會造成皮膚、身體不適。
- 本產品不宜供肢體、感官或精神上有障礙、或缺乏經驗及知識等人士（包括兒童）使用，必須有監護人從旁監督，並指導使用本產品，且能承擔使用者安全的責任。並應妥善照顧兒童，確保他們不會把玩這些產品。  
- 否則可能會發生意外或受傷。

## 注意

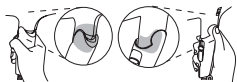
- ▶ 保護頭髮
  - ❌ 當入風口損壞時，切勿使用。  
- 您的頭髮可能會捲進入風口而損傷頭髮。
  - ❗ 請將您的頭髮與出風口之間保持超過 3 cm 的距離。  
- 否則可能會造成頭髮灼傷。
- 確保您的頭髮與入風口保持最少 10 cm 的距離。  
- 您的頭髮可能會捲進入風口而損傷頭髮。



- ▶ 同時要小心下列注意事項
- ❌ 切勿以纏繞的方式收藏電源線。  
- 否則可令電源線內的電線因負荷而斷裂，並導致觸電或因短路而導致火警。
- ❌ 切勿掉下產品或使其受到撞擊。  
- 否則可能會造成觸電或起火。
- ❌ 限用於人髮吹乾或造型，或用於肌膚。（切勿用於寵物或吹乾衣物、烘鞋等用途。  
- 否則可能會造成火災或灼傷。
- ❌ 切勿對幼童或嬰兒使用。  
- 否則可能會造成灼傷。
- ❌ 出風口溫度很高，請勿觸摸。  
- 否則可能會造成灼傷。

## 注意

拉長或縮回把手時，切勿接觸下圖所示的陰影區域。  
- 否則可能會造成手指受傷。

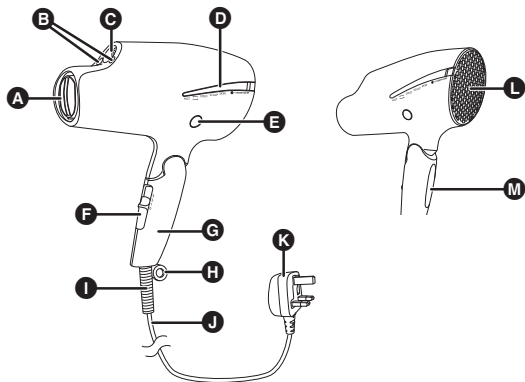


使用護膚模式吹臉時，請閉上眼睛。  
- 否則可能會造成眼睛問題。

### ► 註

- 此風筒備有自動過熱保護裝置。當風筒過熱時，其保護裝置將自動轉換到冷風模式，此時請關閉風筒，並從家用插座中拔除，待風筒冷卻數分鐘後再使用。再次開啟風筒前，請檢查入風口及出風口內沒有毛絮、頭髮等。
- 使用風筒時可能聞到一種獨特的氣味，此乃由風筒產生的臭氧所引起，但對人體無害。

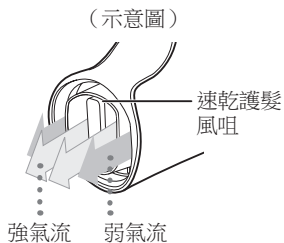
## 零件說明



### ► 速乾護髮風咀

您可以利用垂直的強弱氣流來吹乾與鬆動潮濕的髮束，以增快吹乾速度。

- 速乾護髮風咀無法取下。

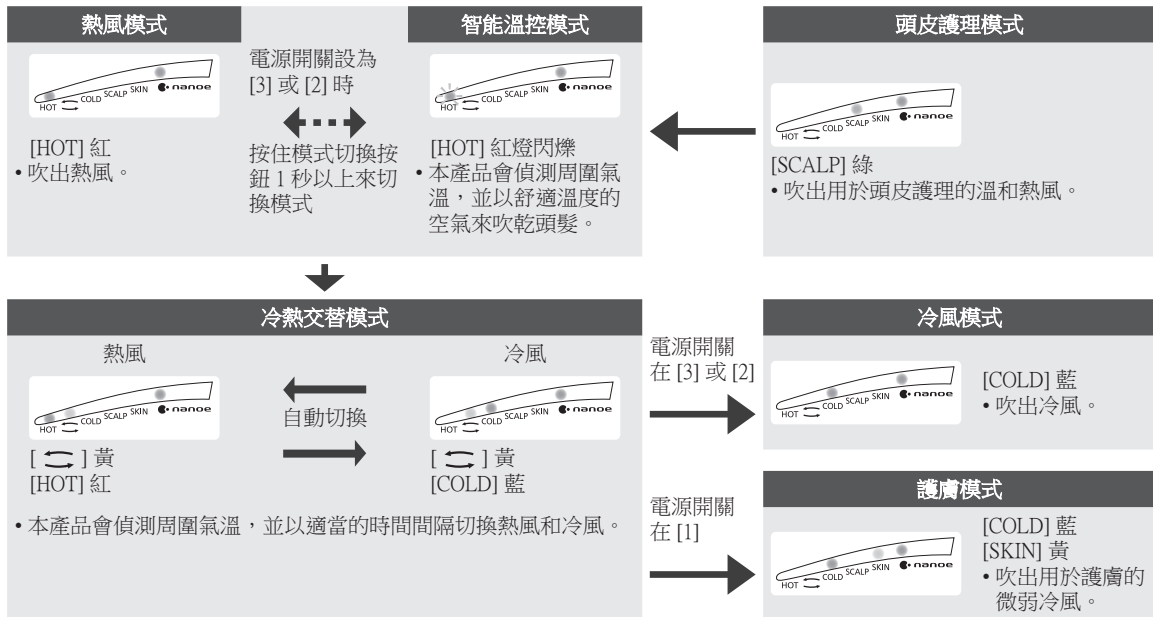


- A** 出風口  
速乾護髮風咀
- B** 礦物負離子出風口
- C** nanoe™ 出風口
- D** 模式指示燈
- E** 模式切換按鈕
- F** 電源開關
  - 3: 渦輪 (超強風)
  - 2: 吹乾 (強風)
  - 1: 整理 (柔風)
  - 0: 關閉
- G** 把手
- H** 掛環
- I** 絕緣套
- J** 電源線
- K** 插頭
- L** 入風口
- M** nanoe™ 納米離子感應板

## 模式指示燈和模式說明

### 使用模式切換按鈕來切換模式

- 開啟電源開關時，本產品會進入熱風模式。



- 在所有模式下，naneo™ 燈都會亮起，並吹出含有 naneo™ 和礦物負離子的空氣。
- 選擇 [HOT]、[ ] (冷熱交替模式) 熱風、[SCALP] 時，會在熱風周圍吹出冷風，有助於整理髮型，並使頭髮富有光澤。

## 關於 nanoe™ 和雙倍礦物負離子\*

\*「雙倍礦物負離子」是指由兩個鋅電極產生礦物負離子。

### nanoe™ 和雙倍礦物負離子效果

透過平衡頭髮水分來控制捲曲度，使頭髮亮澤並易於造型。

除了使頭髮強韌，對抗梳髮等動作造成的傷害，更可降低紫外線對頭髮的影響，塑造美麗的秀髮。



### 什麼是 nanoe™、礦物負離子？

(nanoe™、礦物負離子的產生方式：高壓放電)

#### nanoe™

nanoe™ 是被水分包裹的粒狀離子，透過施加高電壓分解水分而產生。

其直徑比蒸氣小約 1/100，肉眼無法看見。

nanoe™ 係收集空氣中的水分而產生，因此根據使用環境，有可能不會產生 nanoe™。在低溫低濕度的條件下，較難從空氣中收集水分，在這種情況下，會產生負離子。

#### 礦物負離子

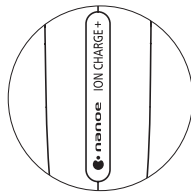
由鋅電極所產生、肉眼無法看見的負離子。

## nanoe™ 納米離子感應板

如果連續使用 nanoe™ 或礦物負離子，將會使頭髮帶有負電荷。而帶有負電荷的頭髮會排斥 nanoe™ 和礦物負離子，使 nanoe™ 和礦物負離子難以被附著到頭髮上。

發生這種情況時，只要緊握 nanoe™ 納米離子感應板和把手，就能釋放頭髮上所累積的負電荷。



如此一來，nanoe™ 和礦物負離子就能繼續穿透髮絲，供給水分，讓頭髮從髮根到髮尾都能徹底保濕。



#### ► 註

• nanoe™、礦物負離子和冷熱交替模式（第 25 頁）對頭髮的效果因人而異，下列人士可能較少感受到使用效果。

- 細捲髮者
- 大波浪捲髮者
- 頭髮柔順且容易造型者
- 3 至 4 個月內曾將頭髮燙直者
- 短髮者

細捲髮	波浪捲
	



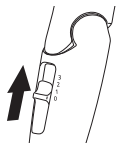
## 使用風筒的方法

### 準備

- 1 使用毛巾大致將頭髮擦乾。
- 2 然後用梳子或手指梳理頭髮以避免糾結。
- 3 插入家用電源插座。

### 吹乾頭髮

- 1 使用電源開關來選擇氣流強度。
  - 使用電源開關來選擇 [3] 或 [2]。



- 2 對您的頭髮直接吹出暖風。
  - 如果您將暖風直接對準髮根，您的頭髮將比較快乾。



- 3 當頭髮吹乾約 90% 後，使用冷熱交替模式完全吹乾，可使頭髮富有光澤。

- 使用模式切換按鈕來選擇 [二]。



為了讓熱、冷風徹底吹乾頭髮，請將頭髮分成左、右兩邊吹乾。

1. 一邊使用冷熱交替模式，一邊用手指從內側撥動頭髮。(一側)
2. 一邊使用冷熱交替模式，一邊用手指從頭頂往髮尾撥動頭髮。(一側)
3. 也在另一側進行步驟 1 和 2。



- 4 將電源開關設為 [0]。

- 5 請從家用插座拔除插頭。

- 頭髮吹乾後，請用梳子或手指梳理頭髮。
- 當風筒已經完全冷卻後，請放置在濕度較低的地方。

### ► 註

- 請將您的頭髮與出風口之間保持超過 3 cm 的距離。
- 本產品要與頭髮保持至少 10 cm 的距離，以防止頭髮被吸進入風口。
- 請小心不要讓人風口碰撞到桌角等尖銳處。
- 造型劑和護髮劑等產品均可使用。但若使用髮油、凝膠或髮蠟等黏性物質，可能不易達到 **nanoe™** 和礦物負離子的預期效果。
- 由於風筒會產生 **nanoe™** 和礦物負離子，因此您可能會遭遇以下情形。
  - 使用期間，**nanoe™** 出風口可能會吹出水滴。
  - 您可能會從 **nanoe™** 出風口或礦物負離子出風口聽到噪音。
  - 使用期間，您可能會聞到一種特殊的味道。



### 如欲增加髮量

抬起頭髮的底部，用熱風從髮梢往髮根吹。

#### 頭頂部分



#### 內側頭髮



### 如欲減少髮量

順著頭髮生長方向用手撥動頭髮，從髮根往髮梢吹熱風。



### 整理頭髮

- 用水或其他產品沾濕想要整理的頭髮區域。
  - 按摩頭髮，使水或其他產品滲透到內側。
- 使用電源開關來選擇 [1]。
- 使用模式切換按鈕來選擇 [HOT]，吹熱風。



### 讓髮型更持久

吹完熱風之後，在想要加強整理的頭髮區域吹冷風。

### ► 註

- 使用 **nanoe™** 和礦物負離子吹髮時，波浪捲髮型可能會暫時變直，但用水沾濕或使用造型劑時，頭髮就會恢復原來的狀態。

## 護膚模式

透過含有 nanoe™ 和礦物負離子的空氣，可讓容易在沐浴後變得乾燥的肌膚回復柔潤。

吹乾頭髮後請按照第 25 頁的步驟 3 進行此操作

**1** 使用電源開關來選擇 [1]。

**2** 使用模式切換按鈕來選擇 [COLD]。

**3** 將出風口放在離下巴約 20 cm 的距離，左右移動本產品吹出空氣約 1 分鐘。

- 使用時請閉上眼睛。
- 按照與平常一樣的方式和時間，使用化妝水或乳液進行護膚。



## 頭皮護理模式

肌膚表面上殘留的水分会導致黏膩等不適感。用約 50 °C \* 的熱風輕輕吹乾肌膚。

\* 房間溫度為 23 °C 時

吹乾約 70% 的頭髮後，請按照第 25 頁的步驟 2 進行此操作

**1** 使用模式切換按鈕來選擇 [SCALP]。

**2** 用手抬起頭髮，將頭皮吹乾。

- 根據環境溫度不同，您可能會覺得冷。在這種情況下，請將本產品移到離頭皮較遠處，並使用 [HOT] 模式吹出空氣。

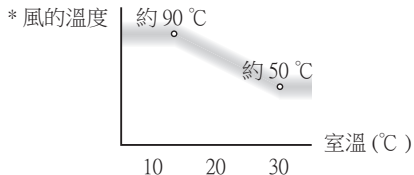
**3** 使用模式切換按鈕來選擇 [HOT]，並將頭髮全部吹乾。



## 智能溫控模式

例如於夏天洗澡後，會感到潮濕悶熱，本產品會根據室溫自動控制熱風，以舒適溫度來吹乾。

< 室溫和熱風示意圖 >



\* 示意圖中熱風溫度的描述是按照 IEC 安全標準的指引。

當您想要降低熱風的熱感時，請按照第 25 頁的步驟 2 進行此操作

**1** 使用 HOT [3] 或 [2] 時，請按住模式切換按鈕 1 秒以上。

- ([HOT] 燈會變成閃爍)



**2** 吹乾全部頭髮。

- 若要恢復成正常熱風，請再次按住模式切換按鈕 1 秒以上。
- 一旦關閉電源開關，本產品會自動回到熱風模式。



## 保養風筒

務必關閉電源開關，並從家用電源插座拔下插頭。(進行出風口保養時除外)

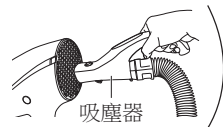
### 入風口的保養

一個月進行此步驟一次或以上

請使用衛生紙或牙刷等物，將入風口的棉絮、頭髮或其他東西擦拭乾淨。



(如果內部有灰塵附著，請用吸塵器將其移除。)



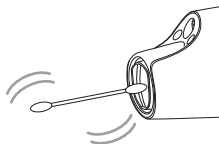
#### ► 註

- 請勿用指甲或尖銳物品按壓或磨擦。否則可能會造成入風口損壞。

## 出風口的保養

一個月進行此步驟一次或以上

1. 插入家用電源插座。
2. 使用電源開關來選擇 [1]、[2] 或 [3]。
3. 使用模式切換按鈕來選擇 [COLD]。
4. 用棉花棒刮除灰塵和塞住網孔的頭髮時，一邊吹風使其脫落。



### ► 註

- 進行保養時，不要用手擋住入風口。
- 保養之後首次使用本產品時，灰塵可能會飛出。請確認灰塵不再飛出，再開始使用本產品。

## nanoe™ 出風口和礦物負離子出風口的保養

至少一個月一次

為了維持 nanoe™ 和礦物負離子的產生量。

1. 準備全新的市售棉花棒。
2. 將棉花棒用水沾濕。
3. 將棉花棒輕輕插入 nanoe™ 出風口和礦物負離子出風口，直至不能繼續插入（約 10 mm），然後小心轉動棉花棒 2-3 次。



### ► 註

- 使用細型棉花棒（如嬰兒用棉花棒）較容易清潔 nanoe™ 出風口和礦物負離子出風口。

## 主體的保養

髒污時請進行此操作

要清潔風筒（髒髒時），請將軟布浸入肥皂水後充分擰乾，然後使用軟布擦拭。

### ► 註

- 請勿使用酒精、指甲油去光水或清潔劑（洗手液）等物質。否則可能會造成故障，或是零件破裂、變色。
- 請勿讓美髮產品或化妝品殘留在本產品上。否則會造成塑膠劣化，導致變色和破裂。



## 疑難排解

問題	導致故障原因	措施
使用 [HOT] 時，在本產品內部可以看到火花。 (這些火花是由恆溫開關、保護裝置造成的， 並不會構成危險。)	▶ 灰塵附著在入風口或出風口。	▶ 去除附著其上的灰塵。 (第 28 頁)
熱風一直轉為冷風。	▶ 在入風口有堵塞頭髮或其他東西。	▶ 切勿堵塞入風口。
熱風異常高溫。	▶	
電源插頭異常高溫。	▶ 電源插頭未牢固插入插座。	▶ 使用與電源插頭緊密吻合的插座。
在 nanoe™ 出風口內部產生火花。	▶ nanoe™ 出風口背面的針狀零件髒污。	▶ 進行 nanoe™ 出風口保養。 (第 29 頁)
nanoe™ 出風口內側聽到噪音 (劈啪聲)。	▶	
有異味。	▶ 這是由於 nanoe™ 和礦物負離子所產生的異味；對人體沒有影響。	
從 nanoe™ 出風口飛出水滴。	▶ 產生 nanoe™ 時，偶爾會飛出水滴；這不是異常。	
[HOT] 燈快速閃爍 (每秒兩次)。	▶ 裝置異常。	▶ 請洽詢 Panasonic 直屬服務站進行維修。

如果仍然無法解決問題，請與您購買本機的商店聯繫，或洽 Panasonic 直屬服務站進行維修。

## 規格

產品名稱	「礦物納米離子護髮」風筒
產品機型	EH-NA98C
電源	220 V ~ 50 Hz
消耗電量	1 800 W (使用 [HOT] [3] 時)

此產品只適於家居內使用。

# MEMO

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