

PHILIPS

ACM066

User Manual



Important

Warning

- This mask is only used to filter solid particle such as PM 2.5, pollen and bacteria. It's not for industrial usage. Do not use it to protect against toxic gases and chemical fumes, etc. Do not use where there may be a deficiency of oxygen.
- If you experience difficulty breathing or feel unwell, leave the contaminated environment as soon as possible and then remove the mask.
- To ensure adequate protection, please make sure that the mask is worn correctly and fits snugly to your face. Avoid using the mask if you have a long beard, sideburns, scars, etc. that sit between the mask and your face.
- If the filter is damaged or soiled or if you find it difficult to breathe during use, please discard the filter immediately and replace it with a new one.
- Remove the mask immediately if a skin reaction appears.
- Do not store the mask in environments of extremely high or low temperatures (>60°C, or <-20°C), such as inside of a vehicle in direct sunlight. Doing so may result in irreversible damage and render the product unsafe.
- The electric fan has a built-in lithium polymer battery. Improper use or storage can cause electrical or liquid leakage of the battery and even fire, resulting in damage to property and affecting health.
- Please use the original USB cable to charge the electric fan. Please charge using an USB adapter/charger approved by your local authority or government, or using a recognizable USB 5V power supply.
- Avoid subjecting the electric fan to impact or puncture. Do not rinse the electric fan. Do not immerse the fan in water or other cleaning agents. Doing so may result in damage to the fan or the battery. Even if the fan still

works, do not continue to use the product.

- Do not use this product as a respiratory protective device. This is not a respirator.
- Please consult your doctor and the manufacturers of any relevant medical devices before using the product if any of the following apply to you:
 - If you suffer from a respiratory illness or are pregnant.
 - The electromagnetic fields generated by the magnets and mask can interfere with medical devices (such as cochlear implants).
- If there is interference between the fan and medical devices, stop using the fan.

Caution

- The mask size is not suitable for children. The mask is not a toy. Do not allow children to play with it.
- The electric fan operating temperature range (ta) is from -10°C to 40°C. The mask will stop working outside of the recommended temperature range.
- The electric fan charging temperature range (tch) is from 10°C to 35°C. The fan may charge slowly or fail to charge outside of the recommended temperature range.
- During use, it is normal for condensation to form. This does not affect the use of the mask. After using the mask, allow it to dry in a cool, dry and shaded place.
- Please use the original Philips electric fan, cover and filter together, otherwise the fit and filtering effect cannot be guaranteed. Do not use the mask cover alone, as it provides no filtering effect.
- Due to the sealed packaging, the filter itself may have a slight odor of the raw materials. This odor is harmless to human health.
- This product is a personal hygiene product. Please do not share it with others.

Disposing of the Rechargeable Battery

- Only remove the rechargeable battery when discarding the product.
- Ensure that the product is not connected to the power supply and that the battery has completely discharged.
- Cut the wire connecting the battery to the electric fan and send the part with the battery to a designated recycling center.

Recycling

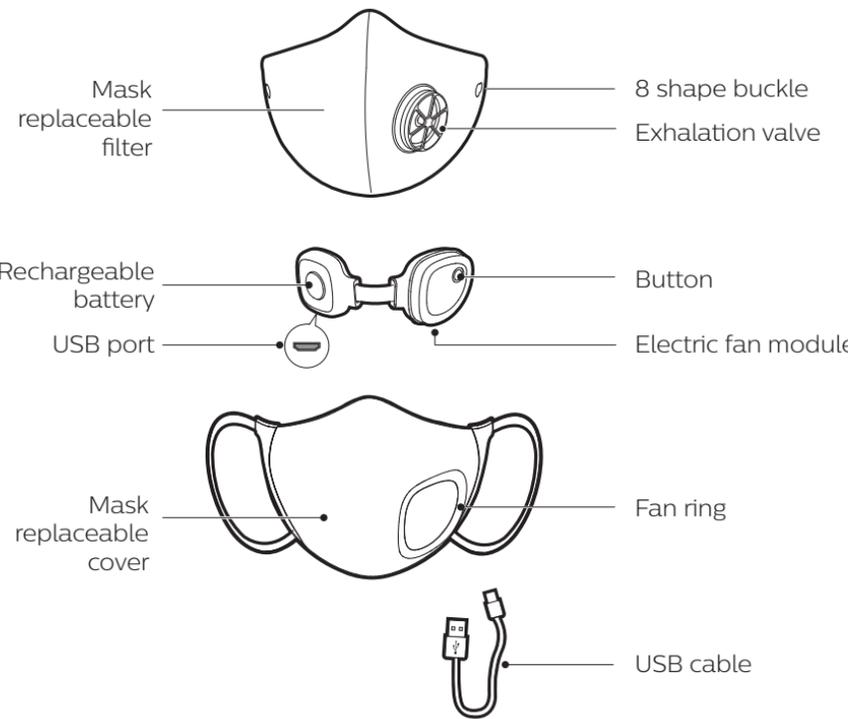
- Do not throw away the product with the normal household waste at the end of its life, but hand it in at an official collection point for recycling. By doing this, you help to preserve the environment.
- This product contains a built-in rechargeable battery that should not be disposed of with general household waste.
- We strongly recommended that you take the product to a public collection point or a Philips service center to have a professional remove the rechargeable battery.
- Follow your country's rules for the separate collection of electrical and electronic products. Correct disposal helps prevent negative consequences for the environment and human health.



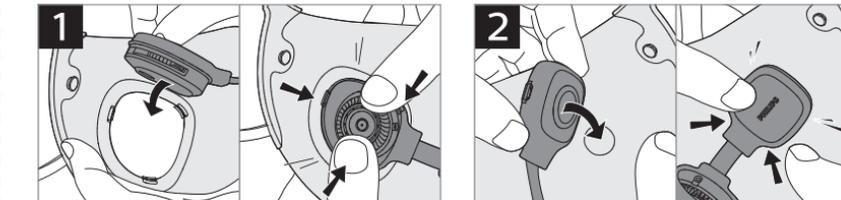
Electromagnetic fields (EMF)

This Philips appliance complies with all applicable standards and regulations regarding exposure to electromagnetic fields.

Product Overview

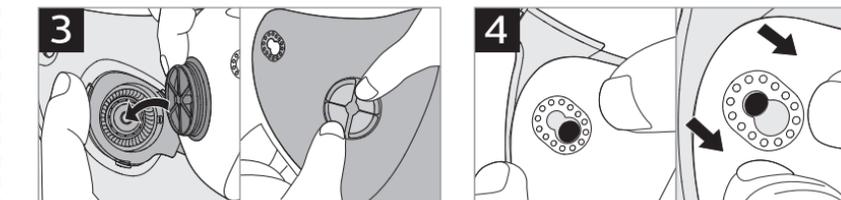


How to assemble



Press the electric fan into the fan ring from the inner side of the mask cover. Make sure that all 3 snaps on the ring are fastened.

Attach the battery to the magnet on the mask cover.

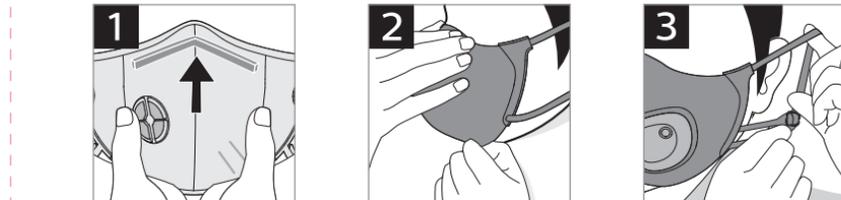


Press the filter exhalation valve tightly into the electric fan.

Match the filter's 8 shape buckle with the button on the inner side of the mask cover. Pull the filter until the button slips into the smaller side of the buckle.

Tip: the fan does not need to be installed when using the mask for the first time.

How to wear

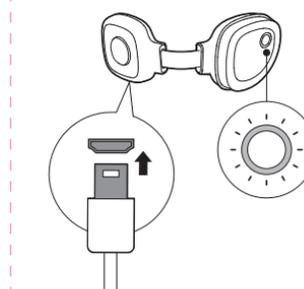


Fit against the nose with the foam side facing up.

Put the mask on and adjust the nose clip to fit against the bridge of the nose.

Adjust the length of the ear straps and check to make sure that the mask fits to the face.

Using the electric fan



Short press the button	Once	Twice	3 times	4 times
Electric fan	On	Medium speed	High speed	Off

Light ring indication:

Constantly on	Fan is on or charging completed
Blinking	Charging
Blink 3 times then off	Out of power, or fan does not work in extreme ambient temperature



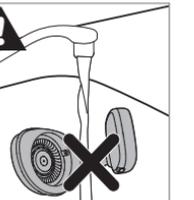
Note:

- Be sure to charge before using for the first time (charge until the solid white light illuminates).
- The recommended temperature range for charging is from 10°C to 35°C. Charging takes around 3 hours.
- When the battery is running low, the speed of the electric fan varies rapidly, indicating that it needs to be recharged.
- After charging, the fan module can work for 2 to 3.5 hours. Its working time will be shorter if running in low temperature environment.

Cleaning and Maintenance

Electric fan module:

- Before cleaning, make sure that the fan module is turned off and that no power supply is connected.
- When necessary, wipe the surface with a soft, damp cloth or a wet paper towel.



Mask replaceable cover :

- The cover can be reused and washed. Make sure that the cover has been detached from the electric fan and filter.
- Wipe the surface using a soft, damp cloth or soak the cover in water and gently wash by hand using a mild detergent.
- The cover is a replaceable accessory. Covers in different color combinations are available for purchase as replacements.
- When drying, hang the mask cover from both ear straps, otherwise the mask may become deformed.

Replaceable filter :

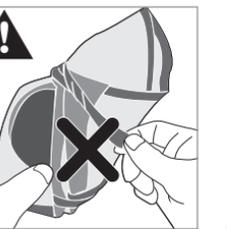
Note: The filter is disposable and cannot be washed or cleaned.

Air quality index*	Service time (hours)**
0-50	122
51-100	57
101-150	37
151-200	28
201-300	17
301-500	8

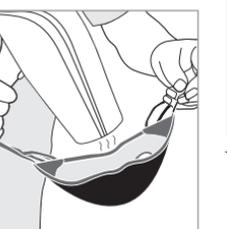
*When PM 2.5 is the primary pollutant
 **This is a recommendation of the cumulative usage duration of single filter based on test data from the Philips laboratory. The specific replacement time may be adjusted according to personal usage habits and actual environmental conditions.

- Wash by hand
Maximum temperature 40°C
- Drip line drying
- Do not tumble dry
- Do not dry clean
- Do not iron
- Do not bleach
- Do not insert pin
- Not for use by children under 6 years

Storage



- When storing, do not use the ear straps to bundle the mask up, as this may cause the cover to become deformed.



- If the cover of the mask becomes indented, moisten the cover with water and then blow the indentation from the inside out using a hair dryer to help restore its shape.

Note: make sure that you remove the electric fan first. To control the temperature, maintain an appropriate distance between the hair dryer and the cover of the mask to avoid burning the cover material.

- Before storing the mask for a long period of time, charge the electric fan and then store in a cool, dry place. During storage, the mask should be charged once every six months.

Troubleshooting

This chapter summarizes the most common problems that you could encounter with the appliance. If you are unable to solve a problem using the information below, contact the Consumer Care Center in your country.

Problem	Possible solution
Battery life reduced	The actual working duration is impacted by the fan speed setting and ambient temperature. The battery is designed to retain up to 80% of its original capacity after 300 complete charging cycles. Abnormal use (such as exposure to water or extreme cold) will accelerate reduction of battery capacity.
Charging fails	If the indicator blinks three times, the ambient temperature may be too high or too low for charging. The recommended charging temperature is between 10°C and 35°C. In other cases, please try another charger or charging cable.
There is water vapor in the fan	If the temperature outside is low, the water vapor exhaled by the human body may condense and be naturally discharged from the air outlet valve of the mask. This is normal and the water vapor will not affect the product safety or fan performance.

Problem	Possible solution
The fan speed fluctuates	When power is low, the fan speed will fluctuate 3 times to inform the user. In a low-temperature environment, the speed of the electric fan will lower automatically. The speed setting will change back automatically after the temperature rises.
The electric mask does not work, even it is fully charged during use	If the ambient temperature is too low, the fan may stop working. If this is the case, the fan will not work after pressing the button. Instead, the indicator light will blink three times. When the temperature rises, the fan will return to normal.

Specifications

Model No.	: ACM066
Input Voltage	: 5 V
Battery Voltage	: 3.8 V
Rated Power	: 0.8 W
LpA(***)	: 60 dB(A)
ta = -10°C to 40°C, tch = 10°C to 35°C	

*** Sound pressure level is measured 30 cm away from the fan