

# PHILIPS

## Kids Fresh Air Mask

### Series 3000

Superior breathing comfort

N95 level protection

Outstanding wearing comfort

Appealing design to kids

ACM033/01



## Fresh, Clean air even expose to bad outdoor air Breakthrough Air Power system

Philips Kids Fresh Air Mask redefines the level of breathing comfort via Air Power system. Head-wearing is designed to fit Chinese kid's face, kids can fully dedicate to her/his happy hours outdoor with N95 level protection.

### **Breathe fresh clean air ever so comfortably**

- Powerful Air Power system designed for kids
- Permeable material Air mesh to improve breathing experience
- Scientific 3D cavity space for kids breathing comfort
- Intelligent breathing flash makes good breath seen

### **N95 level protection**

- Filter out droplets\*, 95% PM2.5 & pollen\*, 99% bacteria
- Filter filters out 98.87% Human Coronavirus 229E\*
- UPF 50+ Anti-UV protection

### **Wearing comfort via head wear, tailored for kids**

- Head-wearing enables incredible wearing comfort
- Specially customized based on 20,000\* Chinese kids faces
- Golden anchor point, effectively disperses the pressure

### **Appealing design for kids**

- Specially designed to be appealing for kids

# Highlights

## Every breathe is fresh\*

Specially designed by Philips for kids breathing comfort, Air Power ventilates air every second, accelerates air circulation inside mask to fit different daily activities for kids.\* 38L/min air flow is customized to match with kids' shallower and more frequent breathing.\*The incredible motor power and air fluid dynamics design greatly reduce the exhalation resistance and improve the breathing comfort.

## The mask that can breathe

Selected from thousands of high quality material, Air mesh guarantees your incredibly comfortable breathe comfort. The delicate grille pattern on the cover were scientifically designed to enable enough fresh air coming through but not the pollutants. With its high permeable quality which also achieve good balance between robustness elasticity,through thermo foaming processing to deliver the unprecedented breathing experience to you.

## Enough 3D breathing space

After studying the face data of kids, the shape of mask is designed with enough 3D space to meet the needs of daily breathing activities for kids. 3D cavity space is defined scientifically to balance between the impact on ventilation rate and breathing resistance.

## Intelligent breathing flash

Unique design of breathing indicator on the fan, which intelligently flashes with the rhythm of kid's breath. Every good breath deserves to be seen.

## We take care of you

N95 level protection, effectively protects you from droplets, PM2.5, bacteria and pollen. Filter out 95% PM2.5, 99% bacteria, 95% of pollen. Filter effectively filters out 98.87%

Human Coronavirus 229E. Also, filter material filters out 98% 0.05–0.2um size particles\* that triggers huge discomfort.

## Corona Virus 229E filtration

Filter effectively filters out 98.87% Human Coronavirus 229E\*.

## Enable full year usage

UPF (Ultraviolet Protection Factor) 50 is the standard to define professional UV- resistance product, for example, sun-proof umbrella or clothing. The mask offers UPF up to 50+, which protects kids from UV light, helps them fully enjoy the outdoor hours throughout the year, even in summer.

## Mask is so comfortable to wear

After scientific analysis of the face data and characteristics of Chinese kids, the customized head wearing by Philips laboratory is specially designed for kids. It fits kid's face shape, effectively reduces the pressure of the mask on ears. No squeeze of the ears, not easy to shift, so that kids can enjoy the outdoor time.

## Perfectly fits kids face

Designed by extraordinary European designer team, based on 20,000 pieces of Chinese kid face data (incl. 7-12 years old ), mask is designed to fit Chinese kid face.

## Golden anchor point

The "golden anchor point" defined by the Philips laboratory through scientific analysis of Chinese kids face data to effectively disperses the pressure of the mask on the bridge of the nose, cheeks and ears.

## The mask that kids like

The design that arouse kids interest, this mask is designed to fit kids taste and like. Put on the mask, become the coolest kid among your friends.

# Specifications

## Design

Color: Blue

## Performance

Air flow: 38L/min

Filters out PM2.5: 95 %

Filters our pollen: 95 %

Filters out bacteria: 99 %

Filters 0.05-0.2um particles: 98 %

Filters Human Coronavirus 229E: 98.87 %

Filter lifetime: up to 104 hrs

## Features

Fan speed: 3

## Replacement

Mask filter: FY0083/00



\* Droplet size is defined as 0.5 to 12 microns according to EN14683. According to the third-party test, the filtration efficiency of Philips mask filter material for particles with the most penetrating particle size of 0.3 micron is over 95%.

\* and for particles with the most penetrating diameter of 3 microns is 99%. Based on this, the calculated value is obtained.

\* Pollen's size ranges from 15 to 200 µm (E. Pacini, Encyclopedia of Ecology 2008). N95 filter has minimum efficiency (=95%) at the most penetrating particle size (=0.1-0.3 µm).

\* Based on third party test report of FY0083 filter.

\* Based on GB/T 26160-2010 head & face size statistic data of Chinese minors (incl. 7-12 years old).

\* This is based on third party test report.

\* This is based on Philips internal lab result, only calculated for fan itself.

\* Based on third party test report of FY0083 filter, test air flow rate: 0.0533m/s, test dust source: NaCl.