

Philips
Air Purifier

TY5080/00



Air Purifier Series TAI

Supreme PM2.5, bacteria and virus removal

Philips Air Purifier Series TAI is designed for superior performance of particle removal of $> 20\text{nm}$ (100 times smaller than PM2.5*). Proven to be effective on H1N1 virus removal of $>99.99\%$ in 20mins***, and 99.9% bacteria removal.

Always

- Smart sensor gives clear feedback on indoor air quality
- 4-step LED indicators show air quality level clearly
- Ensures you always breathe healthier air
- Energy efficient design with powerful performance

Healthy Air

- Sleep mode for your comfortable night of sleep
- 2X capacity of clean air delivery with TwinForce design*
- Removes more than 99.99% H1N1 virus within 20 mins***
- With TwinForce design and heavy duty Multi-care filter

Simplicity

- 5 settings to give you ample choice in fan speed.
- 3 options for lights on/off setting to meet your needs
- Intuitive design for easy activation on AUTO

PHILIPS

Highlights

5 settings in fan speed

5 settings to give you ample choice in fan speed.

Air quality indicator

4-step LED indicators show air quality level clearly.

Easily activate AUTO mode



Intuitive design for easy activation on AUTO

H1N1 virus removal

H1N1 virus tested in international 3rd party test lab that >99.99% H1N1 virus removed within 20mins***. PowerCube effectively protects you and your family from airborne viruses.

Healthy air protect alert/lock



Healthy air protect alert lets you know promptly when it is time to replace the filter. If the filter is not replaced promptly, the appliance stops functioning to avoid running with no effect since filter not effective. So you are assured of healthy air always.

High energy efficiency design

Energy efficiency ratio reaches 11, Grade A*.

Light on/off to your needs

3 options for lights on/off setting to meet your needs.

Powerful VitaShield IPS

The powerful VitaShield IPS with TwinForce design boosts clean air delivery to 747 m³/hr, effectively removes particle size >20 nanometers, more than 100 times smaller than upper limit of PM2.5*, including PM2.5, allergens, bacteria and viruses***. Proven to be effective on H1N1 virus removal of 99.99% in 20mins**. It also provides you the assured protection from harmful gases like formaldehyde, toluene and TVOCs.

Silent operation



Product turns down fan speed and noise level in silent mode for your comfortable night of sleep, lights on products can be turned off as you like.

Smart sensor

Smart sensor gives clear feedback on indoor air quality.

TwinForce aerodynamic design

The core of TwinForce airflow technology lies in the precision of twin-fan design and the optimized aerodynamic tunnel curvature. Together with dual air intake architecture the airflow is boosted for supreme Clean Air Delivery Rate (CADR).

Specifications

Design and finishing

- Air quality sensor(s): Particle
- Material of main body: ABS plastic
- Color(s): White

Performance

- Filters out formaldehyde: (3hrs) 96% *
- Filters out PM2.5: (10mins) 99% *
- Filters out toluene: (1hrs) 99% *
- Filters out TVOC's: (1hrs) 99% *
- CADR (cigarette smoke): 747 m³/h
- Energy Efficiency rate: Class A (Ratio 11)*
- Filters out bacteria: >99.99% *
- Filters out H1N1 viruses: >99.99% within 20mins***

Technical specifications

- Cord length: 2.0 m
- Frequency: 50 Hz
- Sound level: 36 dB(A)
- Voltage: 220 V
- Wattage: 65 W

Country of origin

- Made in: Korea

Replacement

- Multi-care filter: TY5089

Weight and dimensions

- Dimensions of packaging (LxWxH): 707 x 560 x 475 mm
- Dimensions of product (LxWxH): 620 x 410 x 390 mm
- Weight incl. packaging: 15.92 kg
- Weight of product: 13.25 kg



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* Anti-bacterial properties tested in 2014 by third party in 30 M3 lab, according to GB21551.3 using Staphylococcus Albus, initial concentration is 1*10⁵ cfu/m³

* CADR (Cigarette) is tested by third party in 2014, according to GB/T 18801-2008 in 30m³ room.

* Energy efficiency ratio is tested in 2014 by third party according to GB/T 18801-2008.

* Formaldehyde, Toluene and TVOC are tested in 2014 by third party in 30 M3 lab in 0.5 - 3 hours (according to GB/T 18801-2008, GB/T 18883-2002), initial concentration are (1.0 +/- 0.2) mg/m³, (2.0 +/- 0.4) mg/m³ and (6.0 +/- 1.2) mg/m³ respectively

* PM2.5 is tested by third party in 2014 according to GB/T 18801-2008, GB/T18883-2002, initial concentration is (5.0 +/- 0.5) mg/m³, in 30m³ room

* According to 2008 Microbiological Risk Assessment Report of the World Health Organization (WHO), the avian influenza, human influenza viruses, Legionella, Hepatitis viruses and SARS coronavirus are larger than 0.02 micron

* Tested in International 3rd party lab for H1N1 virus in 2014, according to Philips test protocol, tested in 28.5m³ room, purifier operating at Turbo mode

* In comparison to AC4374