



# Mi Air Purifier 2



1. Connect to smart app
2. Brushless motor design
3. Silent 31dB noise
4. Replace filter in 10 seconds
5. Power efficient avg 4.8w
6. Built in sensors for monitoring
7. Strong absorption of harmful substances

## Short Description

10 minutes to clean air in a room  
Performance reaches 330m<sup>3</sup>/h

Mi Air Purifier 2 has many advantages, including high efficiency, quiet and pleasant work of the device, concise and aesthetic style that will suit any interior. As a result of optimisation, Mi Air Purifier 2 has an updated system of air flow, CARD performance of 330m<sup>3</sup>/h. Thus, Mi Air Purifier 2 has higher performance, but its volume compared with Mi Air Purifier previous generation, decreased by 40%. Cleaning efficiency is also affected by squaring of room. For example, for one large circle for circulation of air in the living room of 23 m<sup>2</sup>, air cleaner took 10 minutes. Just a few minutes, and your room is filled with fresh and clean air. Feel the comfort, convenience and safety in your home.

## Long Description

Mi Air Purifier 2 has many advantages, including high efficiency, quiet and pleasant work of the device, concise and aesthetic style that will suit any interior. As a result of optimisation, Mi Air Purifier 2 has an updated system of air flow, CARD performance of 330m<sup>3</sup>/h. Thus, Mi Air Purifier 2 has higher performance, but its volume compared with Mi Air Purifier previous generation, decreased by 40%. Cleaning efficiency is also affected by squaring of room. For example, for one large circle for circulation of air in the living room of 23 m<sup>2</sup>, air cleaner took 10 minutes. Just a few minutes, and your room is filled with fresh and clean air. Feel the comfort, convenience and safety in your home.





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## Things to discuss

### Highly effective cleaning of filter cartridges for 3600, a three-layer cleaning

Air cleaning not only depends on the power system of the device, the main part in cleaning process is a high efficiency filter. So we abandoned the traditional low-efficiency filters and ordered production of barrel-shaped filter cartridge for 3600 with a three-layer cleaning from an American company, which is among three leading suppliers of filters for air purifiers. First filter mesh removes larger particles from the air, such as hair, dust etc. Second layer of the HEPA filter of class H11 Torey from the Japanese company, which filters to 99.5% PM 0.3-0.5, microparticles size 0.3 microns and pathogenic bacteria. High-quality activated carbon adsorbs formaldehyde and other harmful substances, and effectively removes bad smell. When lifetime of filter cartridge ends, your smartphone will receive automatic reminder, then, with one click, you can order a new filter.

### Quieter and more economical

Careful design of every detail, through which air flows. Since, according to laws of aerodynamics, with a fast and smooth cross of air drag force is reduced, and contributes to noise reduction. Noise level of 31 dB in sleep mode, you can hardly understand if the air cleaner still works. Mi Air Purifier equipped with “smart” brushless electric motor from the world famous Japanese company NIDEC, power consumption is reduced by 58%, and is only 4.8W, which is even lower power consumption of energy-saving lamps.

### Aerodynamic design that will suit any room

How to reduce volume of the air cleaner, but at the same time maintain its high performance?  
Researching technology of aircraft engines work, our engineers also had an idea to create a small for the size, but powerful system of air flow. As a result of optimization, Mi Air Purifier2 has an updated system of air flow, CARD performance of 330m<sup>3</sup>/h. Selection of the DC motor Nidec, stepless adjustment of speed of differential. Now, after pressing “Start / Power” button starts immediately absorption of pollution and spread of clean air in all rooms. Elegant, sleek design of Mi Air Purifier2 is suitable for any interior. Use your smartphone to adjust speed of air circulation according to space of the room, ensure fast and high quality air purification in your home.



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<b>Brushless electric motor</b>	Currently, “smart” brushless electric motor is the best kind of motor from the world-renowned Japanese company NIDEC. The inner ring drive facilitates smooth regulation of speed, so duration of operation of brushless electric motor is twice longer.
<b>Air quality sensor</b>	Japanese high quality sensor from a supplier that in real time can produce control for presence of airborne particles PM 2.5.
<b>Clearing the air, silent operation of air cleaner</b>	<p>Our designers abandoned complex functional buttons of different bright indicators, which served as a decoration for device. The only plain light on Mi Air Purifier2 is located 7.5cm from the floor. Reading a book or relaxing in bed, this light will not disturb you. Mi Air Purifier equipped with “smart” brushless electric motor from the world famous Japanese company NIDEC, power consumption is reduced by 58%, and is only 4.8W, which is even lower power consumption of energy-saving lamps.</p> <p>Improved parts of the ventilation duct resulted in noise reduction, compared to the previous generation of the air cleaner. Now, noise level reaches 31 decibels, so you can hardly hear the sound of the device, but only feel it. Breathe in fresh air and forget about any disturbances.</p> <p>Consumption decreased by 58% and is only 4.8W, that does not even reach 0.12 kw / h.</p>
<b>Barrel-shaped filter cartridge Three-layer cleaning</b>	To achieve high quality air purification, we decided to optimize our filter, which consists of a filter mesh, class H11 HEPA filter from the Japanese company Torey and meshes with a high quality activated charcoal. It is able to filter out pollen and other micro-particles size 0.3 microns. Quality treatment 99.7% of PM 2.5 microparticles in just one hour. Visualization function of air condition, calm use of the device and simple replacement of filters.
<b>Replace the filter in just 10 seconds</b>	<p>In conventional integrated filters useful life of each filter screen is different, so their replacement is difficult enough. By remove the filter grid, you accidentally can release accumulated dust and other elements that will lead to the secondary air pollution.</p> <p>To replace our three-layer filter cartridge, you only need to open the back cover and, applying minimal force, remove the old and put a new filter.</p>



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<b>Strong absorption of harmful substances</b>	<p>In addition to improved filter layer to clean the air of formaldehyde, air cleaner also has a high-quality three-layer mesh filter. It was originally existing components to which added a catalyst that promotes a more powerful adsorption of ultra small toxic substances. A more powerful and efficient absorption of PM 2.5, formaldehyde and other harmful elements that are presented in your home. This is especially true for premises in which repairs is taken place.</p>
<b>All information on the state of air quality in your smartphone</b>	<p>When there is thick smog on the street, Mi Air Purifier 2 is automatically activated at the scheduled time, so when you return home, your room will be filled with fresh air. Thus, this seemingly insignificant but practical function suggests that our air cleaner is always thinking about you.</p> <p>Now you, in real time, can go run a mobile application and check air quality in your home. Set the required speed of air purification, according to the area of the room. A striking fact is that our air cleaner is able to learn and adapt to your habits. According to your daily routine, Mi Air Purifier 2 is automatically switched off or switches to air purification. Another Mi Air Purifier 2 has a humidity sensor, results of which will help to re-create a full picture of the air quality in your home.</p>



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## Detailed Specs

Cleaning method	Mechanical filtration and adsorption
Filter type	PET primary filter, HEPA (High-efficiency Particulate Arrestance) filter, activated carbon adsorption filter
Purification capacity	330m <sup>3</sup> /h
Purification efficiency	- 100% — large particles - 99,3% — particles to 0.3 micrometre - 99,99% — particles to 2,5 micrometre - 91% — formaldehyde and other harmful substances
Recommended effective area	23m <sup>2</sup> ~39m <sup>2</sup>
Smart modules	- Wi-Fi module 802.11b/g/n - Air quality sensor - Temperature and humidity sensor
Power consumption	1.5W~75W AC 100V~220V 50/60Hz
Noise level	31dB
Smartphone remote control	Yes
Dimensions	240 x 240 x 520 mm
Weight	about 4.8kg (with filter)

