User manual

Blueair

SCAN FOR SUPPORT

Blue Signature™
Mini Air Purifier

Contents

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Please read this user manual carefully and keep it for future reference.
The latest version of this user manual can be found on www.blueair.com.

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Safety Information

Blue Signature air purifier is an electrical appliance for indoor use only. Take the necessary precautions to reduce the risk of fire, electric shock or injury.

- 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 instructions concerning its use or are under supervision by a person responsible for their safety.
- Supervise children to ensure that they do not play with the appliance.
- Cleaning and device maintenance should not be conducted by children.
- Always disconnect the appliance from the power supply before maintenance.
- If your Blueair appliance is found to be defective, we will replace it with the same or a similar model at no cost, per the warranty terms. Please use caution attempting repairs yourself, as this presents the danger of electrical shock or injury.
- Ensure that the power cable and the power plug are not at risk of getting damaged. If the appliance is damaged or malfunctions, turn it off, disconnect it from the power supply and contact Blueair.
- The power plug must be firmly inserted in the power socket.
- When disconnecting the unit from the power supply, do not pull on the power cord, pull on the power plug.
- Use the power cable provided with your Blueair air purifier to plug directly and firmly into an appropriate, electrical outlet.
- To reduce risk of fire, electric shock or injury to persons, do not use replacement parts that have not been recommended by manufacturer (e.g. parts made at home using a 3D printer).
- Do not use an extension cord or a power strip. Refer to the rating label on your appliance.
- Do not alter the power plug in any way. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet.

- To avoid risk of fire or electric shock, the appliance should only be used with the correct input voltage that it is rated for, refer to your rating label on the device.
- Do not use the included power cord for anything else but the appliance.
- Do not allow objects to enter or block the air inlets and air outlets as this can cause electric shock or damage the appliance.
- Do not sit on, stand, climb onto or hang from the appliance.
- Keep the appliance, including the power cable, at a safe distance from heated surfaces and open fire.
- Keep the appliance and power plug away from water and other liquids.
- Keep the appliance and power plug away from chemicals such as pesticides and deodorants.
- Always turn off and disconnect the appliance from the power supply before moving the unit, changing filters, cleaning or carrying out maintenance procedures.
- Never clean with gasoline, chemical solvents, or corrosive materials as these agents may damage the air purifier.
- Do not operate the device with a damaged cord or plug.
- The energy efficiency of an ENERGY STAR certified model is measured based on a ratio between the model's CADR for Smoke and the electrical energy it consumes, or CADR/Watt.
- This product complies with the maximum allowable concentration of ozone of 0.050 parts per million by volume (ppmv) in a 24-hour period.

WARNING: RISK OF ELECTRIC SHOCK – These servicing instructions are for use by qualified personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

Blue Signature™ Mini air purifier

Product introduction

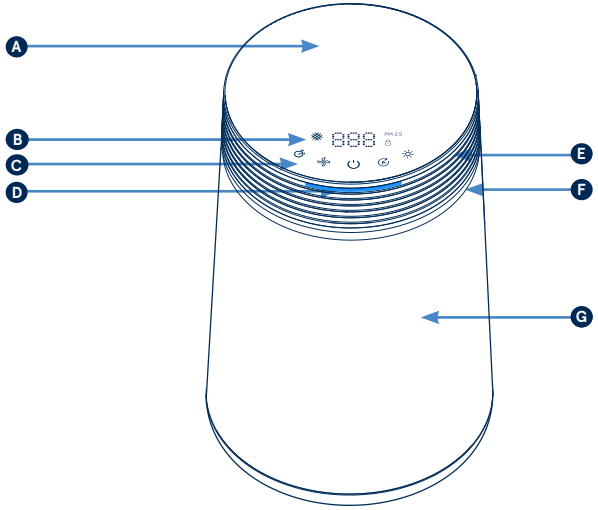
Blue Signature™ Mini is an advanced air purifier with built-in sensors, a control display showing indoor pollution level for PM2.5.

Recommendations for best performance

- Ensure that the size of the room where the air purifier is placed does not exceed the recommended capacity.
- Position the air purifier in an area where air can freely flow in and out, ensuring proper circulation.
- Maintain a distance of at least 4 inches (10 cm) between the air purifier and any other object to ensure proper air circulation.
- Keep the doors and windows closed while the air purifier is in operation.
- Replace the filter when the filter replacement indicator turns red on the control panel.
- Refer to the maintenance instructions in this user manual for proper care.

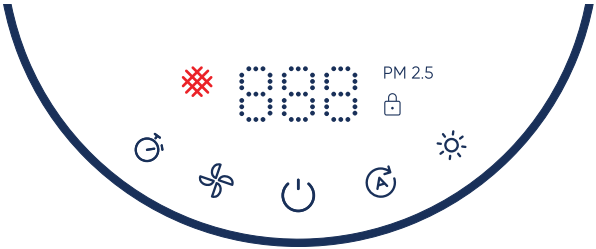
Product map

Product Name	Model	Model number
Blue Signature™ Mini air purifier	SPMini	4612522000



- A Table top surface
- B Digital Display
- C Control interface
- D Air quality indicator
- E 360 degree Air Outlet
- F Pre-filter and air inlet
- G Filter (behind the pre-filter)

Device Controls



On/Standby Button
Turn the device on or go into Standby mode.

Fan Speed
Press to change to desired fan speed from 1 to 4. Selected fan speed will be visible on the display.

Auto Mode
In Auto mode, the device will automatically adjust the fan speed based on your indoor air PM2.5 levels to ensure optimal air quality.

Brightness Control
Tap to dim interface brightness from highest to lowest.

Timer
Tap to set device run time from 2-4-8-12 hours. Timer is off when display shows 0H.

Filter Replacement
After replacing it with a new filter, always reset the Filter Replacement Indicator by pressing and holding the Fan Speed button for 15 seconds.

Display Lock
Press and hold On/Standby Button for 5 seconds to activate/deactivate Display Lock mode.

PM2.5 Display Indicators
Display your room's PM 2.5 level on the interface.

Factory Reset
Press and hold the On/Standby button for 15 seconds.

Display Information



The display wakes with a wave or automatically turns on when you're near. To prevent sleep disruption, this function disables when brightness is set to minimum.



First time start up will display calibration animation while your purifier is analyzing your indoor air quality.



When you adjust fan speed or mode your selection will be displayed on the interface (Auto, Fan Speed).



Number on display indicates current air quality as PM2.5.



Indicates display lock is activated.



When you toggle on Timer button, the display will show a number indicating the hours of purification it left, you can choose between 2, 4, 8, 12 hours. Display shows 0H when timer is off.



Indicates that Auto Mode is activated and the device will automatically adjust the fan speed based on your indoor air PM2.5 levels to ensure optimal air quality.



Indicates your filter needs to be replaced.

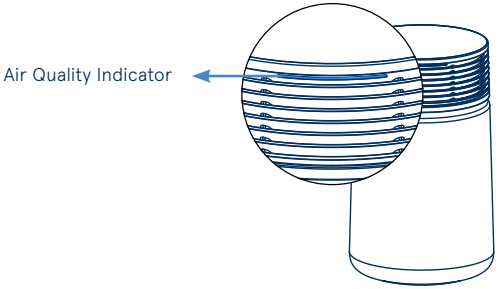
Air Quality Indicator (AQI)

Blue Signature™ air purifier has sensors to measure fine particles (PM2.5) in the room.

The Air Quality Indicator (AQI) shows the air quality status in five colors, ranging from excellent (blue) to very polluted (dark orange).

The AQI reacts to PM2.5 pollution.





Filter replacement information

Changing the filter

Important! Always turn off and disconnect the appliance from the power supply before changing filters, cleaning, or carrying out device maintenance procedures.

The air purifier uses Blueair's proprietary RealTrack algorithm to calculate the remaining lifetime of the filter based on actual usage and indoor pollution levels. When it is time to change the filter, the filter replacement indicator will appear red on the control panel on top of the device. The recommended time for filter change is 12 months.

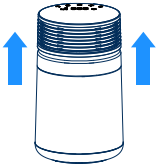


Filter replacement indicator

Easily order Blueair filters from **www.blueair.com** or sign up to Blueair filter subscription for additional discount.

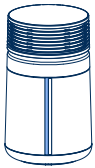
Step 1

Turn off the air purifier and unplug it. Remove the pre-filter fabric.



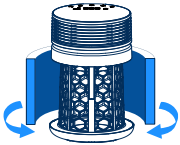
Step 2

Unwrap the current filter by opening the velcro connection through pulling on the tag.



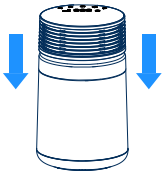
Step 3

Wrap the new filter around the purifier body and attach the connect it. Ensure the correct side is facing up, as indicated by the arrow on the filter.



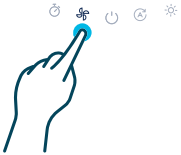
Step 4

Pull back on the prefilter fabric. Turn the purifier back on.



Step 5

Reset the Filter Indicator by pressing the Fan Speed button for 15 seconds.



Maintenance Information

To maintain optimal air purification performance regular maintenance is recommended. Please follow below recommended steps to clean your device.

- Disconnect the air purifier from the power supply.
- Do not allow foreign objects to enter the air inlets or air outlets. This may cause electric shock or damage the air purifier.
- Never clean with gasoline, chemical solvents or corrosive materials as these agents may damage the air purifier.
- Do not wash the replacement filter, it's not washable or reusable.

Cleaning

- Wipe the top of the air purifier with a soft, clean cloth.
- Clean and check the power cable and power plug for wear or damages.

Clean your pre-filter regularly when you see dust or dirt. Vacuum the exterior of the fabric with a soft brush attachment. For a deeper cleanse wash according to the pre-filter maintenance instructions and hang to dry.

Step 1

Turn the air purifier off and unplug it.



Step 2

Remove the fabric pre-filter.



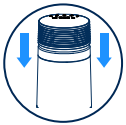
Step 3

Wash according to instructions on the fabric pre-filter's label.



Step 4

Pull the clean pre-filter back over the main filter.



Step 5

Please ensure that the logo tag of the pre-filter is on the upper part.



Disposal, support and warranty

Disposal and recycling

The air purifier should be disposed or recycled as electrical waste and the filter should be disposed as regular waste. If you have questions regarding the disposal and recycling of your device, please contact your local recycling facility.

Help and support

If you have questions about your product, please visit www.blueair.com or contact your local Blueair retailer.

Limited warranty information

The air purifier has a limited warranty of 3 years (1 year standard warranty and 2 extra years upon registration).



For more information, please check the Support page on **www.blueair.com/support.**

Regulatory information

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note! This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

This Class B digital apparatus complies with Canadian ICES-003.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

FCC/ISED RF Exposure Information: This equipment should be installed and operated with a minimum distance of 8 inches (20 cm) between the unit and your body.

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