Blueair

Pure Fan Auto

User Manual

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

Note: There may be local variations of these models.

Product name:	Model number:
Pure Fan Auto	P431101000

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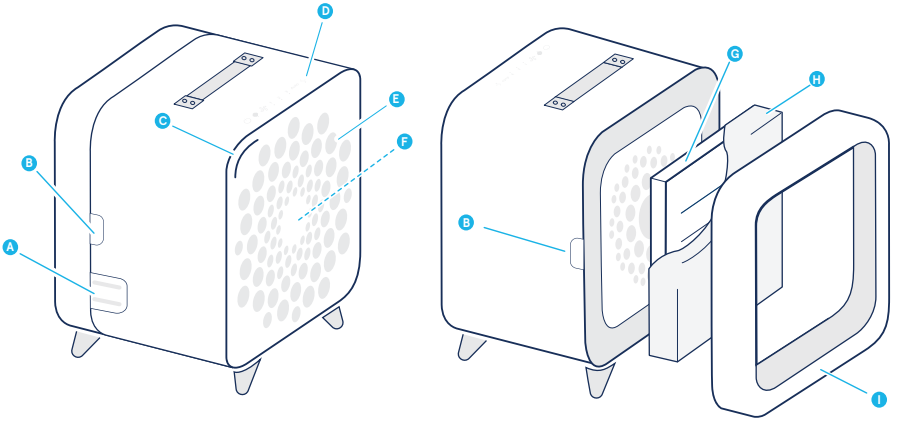
Pure Fan Auto

Pure Fan Auto has one pre-filter and one HEPASilent™ main filter to purify air.
The fan purifier has control functions and a built-in sensor. You can change the settings at any time, using the control panel on the unit.

The fan purifier is mainly composed of a motor, a fan and filters. The fan purifier removes contaminants from the air in a room to improve indoor air quality.

Recommendations for best performance

- Use the fan purifier in a room that does not exceed the room size recommendation.
- Place the fan purifier in a location where air can circulate freely in, out and around the fan purifier.
- Do not place the fan purifier closer than 4”/10cm to another object.
- During operation, keep doors and windows in the room with the fan purifier closed.
- Change the main filter when the filter replacement indicator turns red on the control panel.
- Follow the maintenance instructions in this user manual.



A Air quality sensor
B Release button
C Air quality indicator
D Control panel
E Air outlet
F Fan and motor
G Main filter
H Pre-filter
I Filter frame
J Power cable (not in picture)
K User Manual (not in picture)

Safety instructions

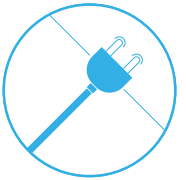
Pure Fan Auto fan purifier is an electrical appliance for indoor use only, take the necessary precautions to reduce the risk of fire, electric shock or injury.

- 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 supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Supervise children to ensure that they do not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- 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. To avoid hazard, we recommend that a damaged power cable be replaced by the manufacturer, service agent or similarly qualified person.
- 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.
- Necessary repairs to your Blueair air purifier can by performed by any company, but damage caused to the Blueair air purifier by you or any non-authorized third party may void this warranty.

- 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.
- 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.
- 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 place any objects on top of or directly against 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.
- Place the appliance on the floor. The appliance must be placed on a stable surface.
- Do not use the appliance outdoors or in wet environments such as bathrooms, laundry rooms or pool areas.

Get started

Step 1
Plug the power cable into a wall outlet.



Step 2
Press the On/Off button to turn the unit on and press the airflow button to adjust the fan speed.



Controls and indicators

Control the fan purifier using the buttons on the control panel. The LED light indicates active status.

On/Off

Press to turn On or Off.

Airflow speed

Available airflow speed options are: 1, 2, 3, Auto mode and Night mode.

Press to switch between airflow speed options, Auto mode and Night mode.

Auto mode



In Auto mode the fan purifier automatically controls the airflow based on air quality information from the sensor.

Night mode



In Night mode the fan purifier uses low fan speed and dimmed LED lights. All lights on the unit dim off after 5 seconds.

Autostart

The fan purifier has an Autostart feature. The unit automatically restarts at the last set fan speed if a power failure occurs, the unit is unplugged or a power switch timer is used.

Filter indicator

The unit indicates when it is time to replace the filter.



Filter replacement status
No lifetime left of the filter.

Air quality information

The air quality levels for particulate matter (PM) is indicated using a color scale on the air quality indicator. This scale gives a reading for PM2.5, which are particles with a diameter of 2.5 micrometers or less.

Air quality level (PM 2.5)



Polluted

Moderate

Good

Filters

The fan purifier is delivered with pre-filters and a main filter installed. The filters purify the air from particles. For best performance, clean the pre-filter regularly and change the main filter when the filter indicator indicates filter change. To find the correct replacement filter for your fan purifier, visit www.blueair.com. The model number can be found on the rating label on the fan purifier.

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

Important! Do not use the unit without filters.

Blueair filter subscription program
Use the Blueair app or visit www.blueair.com to sign up for the Blueair filter subscription program.

Button control functions

Change filter
When the indicator light turns red (after 6 months of operation), change the main filter.



Filter reset button
Press and hold the On/Off button for 7 seconds to reset the filter replacement indicator.

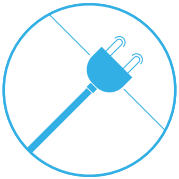


Clean and change the pre-filters

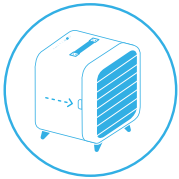
For best performance, clean the pre-filter regularly. Vacuum the exterior of the fabric pre-filter with a soft brush attachment to remove dust. If the pre-filter requires a deeper clean, wash it in the washing machine, according to instructions on the pre-filter's label.

Important! Before removing the fabric pre-filter, turn off and unplug the unit.

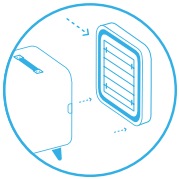
Step 1
Turn the unit off and unplug it.



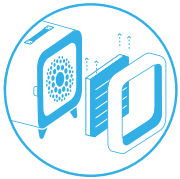
Step 2
Gently press the release buttons on both sides, until you hear a click.



Step 3
Remove the filter and frame.



Step 4
Separate the main filter and pre-filter from the filter frame.



Step 5
Carefully remove the fabric pre-filter from the main filter.

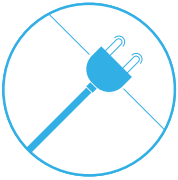


Step 6
Wash the pre-filter in the washing machine, according to instructions on the pre-filter's label.



After washing the pre-filter, reverse this procedure (steps 4, 3, 2 and 1).

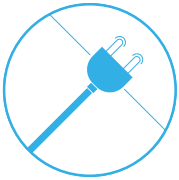
Step 7
Plug in and turn on the unit.



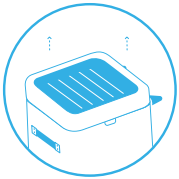
Change the main filter

The recommended time for the filter change is after 6 months of operation.
When changing the filter, vacuum any dust that may have accumulated inside the fan purifier

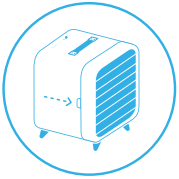
Step 1
Turn the unit off and unplug it.



Step 2
Carefully place the unit on a stable soft surface with the filter frame facing up.



Step 3
Gently press the release buttons on both sides of the unit until you hear a click.



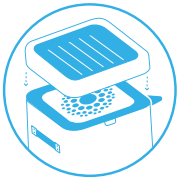
Step 4
Remove the back of the unit and separate the main filter from the filter frame.



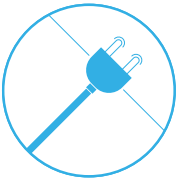
Step 5
Carefully detach the fabric pre-filter from the old filter and attach it onto the new main filter.



Step 6
Insert the new main filter back into the filter frame and lock into position.



Step 7
Plug in and turn on the unit.



Step 8
Press and hold the On/Off button for 7 seconds to reset the filter light. The light will flash and turn white once reset.



Care and maintenance

General

- Disconnect the unit from the power supply before maintenance.
- 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.
- Make sure the unit is completely dry before connecting it to power.
- Do not wash the main filter. The main filter is not washable or reusable.

Cleaning

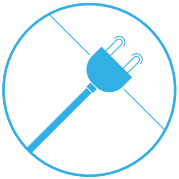
- Wash the pre-filter according to the instructions on the pre-filter´s label or vacuum the pre-filter with a soft brush attachment (not included).
- Wipe the exterior of the fan purifier with a soft, clean, damp cloth.
- Vacuum the small air inlets with a soft brush attachment (not included).
- Vacuum the inside of the fan purifier with a soft brush attachment (not included).
- Clean and check the power cable and power plug for wear or damages.
- Clean the sensor when changing the main filter.

Clean the air quality sensor

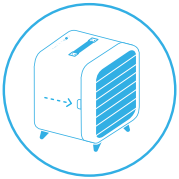
The air quality sensor is located on the side of the fan purifier.

Important! Do not use fingers or any unrecommended objects to clean inside the sensor inlet.

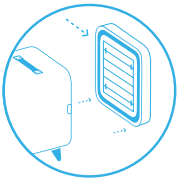
Step 1
Turn the unit off and unplug it.



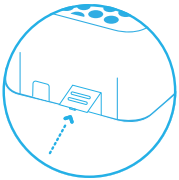
Step 2
Gently press the release buttons on both sides of the unit until you hear a click.



Step 3
Remove the back of the unit.



Step 4
Press the release tab on the inside of the unit to open the lid covering the sensor and remove the lid.



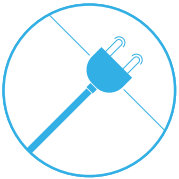
Step 5
Using circular motions, gently clean the sensor with a clean cotton swab, and attach the sensor lid when done.



Step 6
Insert the main filter back into the filter frame and lock into position. Firmly press until you hear a click.



Step 7
Plug in and turn on the unit.



Disposal and recycling

The appliance should be disposed or recycled as electrical waste. The filter may be recycled as plastic. Not all facilities have the capabilities to recycle the unit or the filter. If you have questions regarding the disposal and recycling of this air purifier, please contact your local recycling facility for availability or Blueair dealer and ask for the correct method of recycling.

Help and support

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

To contact Blueair for personalized support, please visit www.blueair.com/customer-support

Warranty information

For warranty conditions, please visit www.blueair.com/warranty

Warranty and returns

If you purchased the fan purifier at one of our authorized retailers, please contact the same store to request assistance.

Specifications

	Pure Fan Auto
Input Power, Frequency	120VAC 60Hz
Power consumption/ Rated input power (min/max)	4-44 W
Sound level (min/max)[1]	25-54 dB(A)
Airflow rate[2]	>265 cfm (>450 m^3/h)
Recommended room size[3]	326 ft^2 (30 m^2)
CADR Smoke[3]	210 cfm (360 m^3/h)
CADR Dust[3]	220 cfm (375 m^3/h)
CADR Pollen[3]	250 cfm (425 m^3/h)

[1] Sound pressure according to GB/T18801

[2] According to IEC 60879:2019

[3] According to AHAM AC-1-2019

Regulatory information

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:

1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-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.

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