

# Blueair Classic Performance & Specifications



Model <sup>1</sup>	Blueair Classic 280i	Blueair Classic 480i	Blueair Classic 680i	
<b>Room Size</b>	26 m <sup>2</sup> (279 sq. ft.)	40 m <sup>2</sup> (434 sq. ft.)	72 m <sup>2</sup> (775 sq. ft.)	
<b>Clean Air Delivery Rate (CADR)<sup>2</sup></b>				
Smoke	180 cfm (306 m <sup>3</sup> /h)	280 cfm (476 m <sup>3</sup> /h)	500 cfm (872 m <sup>3</sup> /h)	
Dust	200 cfm (340 m <sup>3</sup> /h)	300 cfm (510 m <sup>3</sup> /h)	500 cfm (872 m <sup>3</sup> /h)	
Pollen	200 cfm (340 m <sup>3</sup> /h)	300 cfm (510 m <sup>3</sup> /h)	640 cfm (1088 m <sup>3</sup> /h)	
Air Changes Per Hour <sup>3</sup>	5	5	5	
<b>Air changes per hour (ACH)</b>				
Air changes per 5 hours (ACH)	26	40	72	
Air changes per 4 hours (ACH)	33	50	90	
Air changes per 3 hours (ACH)	43	67	120	
Air changes per 2 hours (ACH)	65	100	180	
Air changes per 1 hour (ACH)	130	200	360	
<b>Product</b>				
Airflow	- High - Low	220 cfm (374 m <sup>3</sup> /h) 75 cfm (122 m <sup>3</sup> /h)	350 cfm (595 m <sup>3</sup> /h) 120 cfm (204 m <sup>3</sup> /h)	650 cfm (1105 m <sup>3</sup> /h) 150 cfm (255 m <sup>3</sup> /h)
Sound Level	- High - Low	56 dB(A) 32 dB(A)	52 dB(A) 32 dB(A)	62 dB(A) 32 dB(A)
Energy Consumption	- High - Low	80 W 20 W	90 W 15 W	100 W 15 W
Casters	No	Optional	Yes	
<b>HEPASilent™ Filter<sup>4</sup></b>				
Particle Filter	Yes	Yes	No	
SmokeStop™ Filter	Yes	Yes	Yes	
Particle Filter with Carbon Sheet	No	No	Yes	
Number of Filters	1	1	3	
Filter Replacement Indicator	Yes	Yes	Yes	
<b>Connectivity / Sensors</b>				
Wi-Fi	Yes	Yes	Yes	
Blueair Friend™ Compatible	Yes	Yes	Yes	
Blueair Aware™ Compatible	—	—	—	
Integrated Blueair Aware	Yes	Yes	Yes	
<b>Certification Programs<sup>5</sup></b>				
AHAM Verified	Yes	Yes	Yes	
Energy Star	Yes	Yes	Yes	
ARB (0 Ozone)	Yes	Yes	Yes	
<b>Dimensions / Weight</b>				
Product Dimensions (H x W x D)	530 x 440 x 210 mm (21 x 17 x 8 in.)	590 x 500 x 275 mm (23 x 20 x 11 in.)	660 x 500 x 340 mm (26 x 20 x 13 in.)	
Product Weight (Including filter)	10 kg (22 lbs)	14 kg (31 lbs)	14 kg (31 lbs)	



Casters help you easily move the Blueair Classic 500/600 series. Optional for the Blueair Classic 400 series.



Blueair Classic 280i, 480i and 680i come with clean air intelligence inside, integrating the Blueair Aware air quality monitor.



Download the Blueair Friend from our website and get connected to your clean air.



## Blueair Classic

Timeless Quality,  
Superior Performance

Other models may be available in different markets. Please consult your authorized Blueair distributor for more information. Preliminary figures to be verified by a third-party test institute.

<sup>1</sup> Specifications based on U.S. models (120 VAC, 60 Hz with particle filter).  
<sup>2</sup> The CADR indicates how much filtered air is delivered (airflow) by the air purifier operating at the highest setting, and how well the system removes tobacco smoke, dust and pollen pollutants from the air (efficiency). Tests are performed in accordance with ANSI/AHAM AC-1. The maximum possible CADR ratings according to this standard are: Tobacco Smoke: 450 cfm. / Dust: 400 cfm. / Pollen: 450 cfm.  
<sup>3</sup> Air change per hour is calculated on the recommended room size, assuming 8 foot (2.4 m) ceiling. The air change rate per hour will increase for smaller rooms.  
<sup>4</sup> Recommended interval for filter replacement is 6 months.  
<sup>5</sup> Blueair units comply with quality, safety and regulatory requirements of the countries where they are sold. Blueair units comply with international standards, including the CE mark, S mark, CB Scheme and ETL Listed Mark. National standards are controlled by the distributors responsible for the market.



www.blueair.com  
www.facebook.com/Blueairthailand



บริษัท แสงชัยแอร์ควอลิตี้ จำกัด  
206/10-12 ถนนรัชโยธิน แขวงคลองจั่นนาค เขตป้อมปราบฯ กรุงเทพฯ 10100  
โทร. 0 2628 2200, Fax. 0 2628 2622  
www.facebook.com/Blueairthailand  
www.blueair.com/th

SANGCHAI AIR QUALITY Co.,Ltd.  
206/10-12 Damrongrak Rd., Pomprab Bangkok 10100 Thailand.  
Tel. 0 2628 2200, Fax. 0 2628 2622  
www.facebook.com/Blueairthailand  
www.blueair.com/th

**Blueair Classic 200 Series**

Small in size, big on delivering clean air. The Classic 200 series is quiet and efficient, using powerful HEPASilent® technology, which combines the latest in mechanical and electrostatic filtration. With award-winning Swedish design, the Classic 200 series is an excellent choice for enjoying clean air in your home or office, whilst leaving a small environmental footprint.



**26 m<sup>2</sup>**  
(279 sq. ft.)



**40 m<sup>2</sup>**  
(434 sq. ft.)

**Blueair Classic 400 Series**

Be well. Living well means knowing how to control the quality of the air you breathe. The broad range of Blueair Classic™ air purifiers fits almost every need, removing allergy and asthma triggers, and other airborne irritants and pollutants. Feel better with healthier air.

# Clean air for everyone

## Blueair Classic

Cares about your loved ones as much as you do

Studies show that children's lungs and brains develop better with cleaner air. Just imagine what breathing better indoor air can do for allergy and asthma sufferers or for those with other respiratory problems. Now Wi-Fi enabled to make healthy living effortless.

- Make healthy living effortless through highly efficient air purification and smart Wi-Fi connection
- Ensures your family and friends breathe air that is 99.97% free of pollutants
- Minimize triggers for people who have allergies, asthma and other respiratory illnesses
- Cleans the air so that it is visibly different and dust free



# Blueair HEPASilent Filter

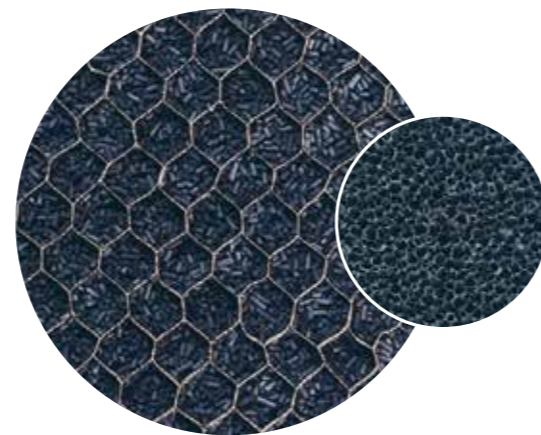
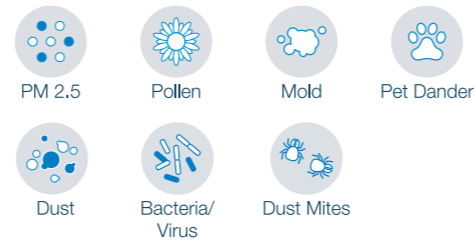
## Performance & Specifications

Filter Type	Blueair Classic Particle Filter
Filter Media	Non-woven gradient PET/PP blend fibers
Number of Filters	
Blueair Classic 205, 280i	1
Blueair Classic 405, 480i	1
Blueair Classic 505, 605, 680i	3
Filter Frame Material	Paper
Filter Recycling	Plastic
Dimensions (H x W x D)	
Blueair Classic 205, 280i	454 x 365 x 45 mm (14 x 18 x 1.8 in.)
Blueair Classic 405, 480i	521 x 250 x 95 mm (21 x 10 x 3.8 in.)
Blueair Classic 505, 605, 680i	330 x 235 x 69 mm (13 x 9 x 2.8 in.)
Surface Area per Filter	
Blueair Classic 205, 280i	2.9 m <sup>2</sup> (31.2 sq. ft.)
Blueair Classic 405, 480i	4.25 m <sup>2</sup> (45.7 sq. ft.)
Blueair Classic 505, 605, 680i	4.59 m <sup>2</sup> (49.4 sq. ft.)

Filter Type	Blueair Classic SmokeStop Filter
Filter Media	Non-woven gradient PET/PP blend fibers and activated carbon pellets
Number of Filters	
Blueair Classic 205, 280i	1
Blueair Classic 405, 480i	1
Blueair Classic 505, 605, 680i	3
Filter Frame Material	Paper
Filter Recycling	Plastic
Envelope	Honeycomb with a carbon sheet cover
Dimensions (H x W x D)	
Blueair Classic 205, 280i	454 x 365 x 45 mm (14 x 18 x 1.8 in.)
Blueair Classic 405, 480i	521 x 250 x 95 mm (21 x 10 x 3.8 in.)
Blueair Classic 505, 605, 680i	330 x 235 x 69 mm (13 x 9 x 2.8 in.)
Surface Area per Filter	
Blueair Classic 205, 280i	1.72 m <sup>2</sup> (18.5 sq. ft.)
Blueair Classic 405, 480i	3.55 m <sup>2</sup> (38.2 sq. ft.)
Blueair Classic 505, 605, 680i	4.2 m <sup>2</sup> (45.2 sq. ft.)



The Blueair Classic Particle Filter removes pollutants such as:

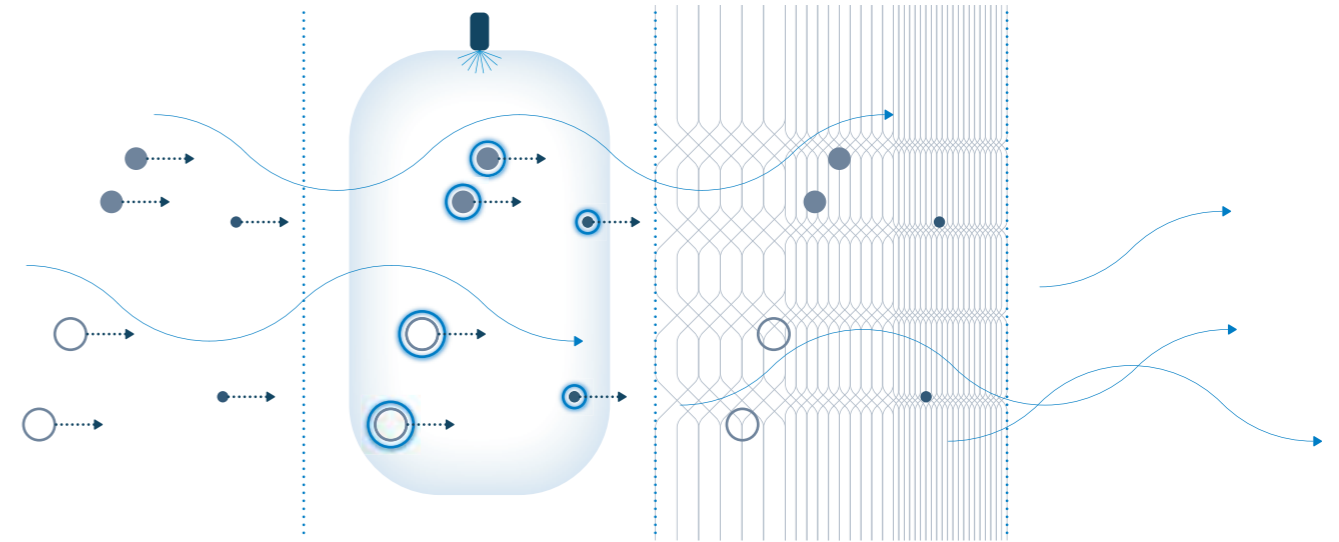


The Blueair Classic SmokeStop Filter and carbon sheet cover removes pollutants such as:



# Blueair HEPASilent Technology

Higher airflow efficiency, lower noise and energy consumption, so we all can breathe easy



The ultra-silent fan draws air into the air purifier.

Airborne particles are electrically charged.

Charged particles are captured in the gradient filter.

Clean air is distributed into the room five times per hour.

### Best-in-class filtration for every need

Our air purifier replacement filters use a revolutionary combination of the best in electrostatic and mechanical filtration. The HEPASilent® technology removes 99.97% of harmful particles from the air, down to 0.1 micron in size.

- Highly efficient particle filtration can be combined with activated carbon filtration media to remove gaseous pollutants
- Saves energy with super low energy consumption
- Less dense filter media, which means lower noise levels

### Particle Filter

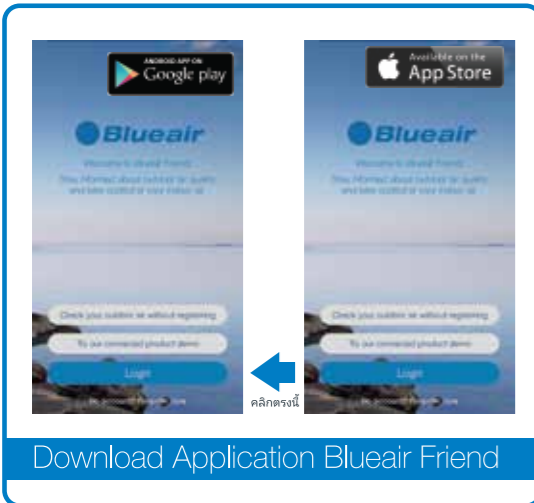
Designed for maximum removal of all airborne particles. The perfect choice for removing pollutants such as pollen, dust, pet dander and other particles you don't want around.

### SmokeStop Filter

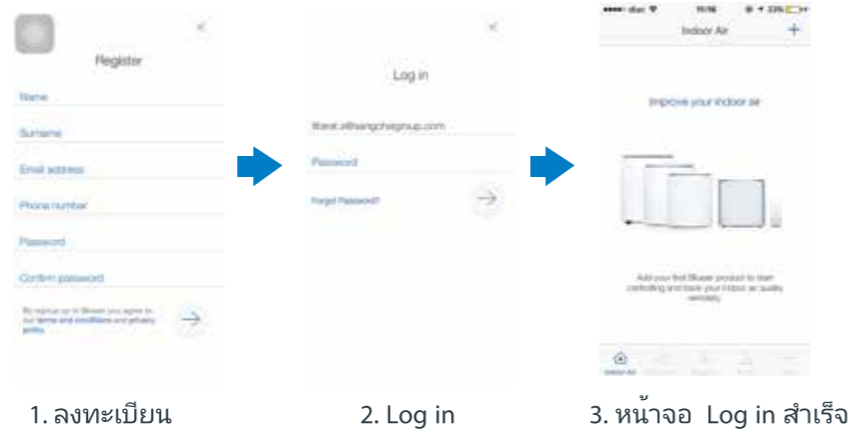
Particle filter with activated carbon for use in rooms where removal of heavy gaseous pollutants, such as tobacco smoke or volatile organic compounds (VOCs), is required.

# Manual

## "เครื่องฟอกอากาศเครื่องแรกในโลก ที่สามารถเชื่อมต่อการทำงานด้วยระบบ Wifi"



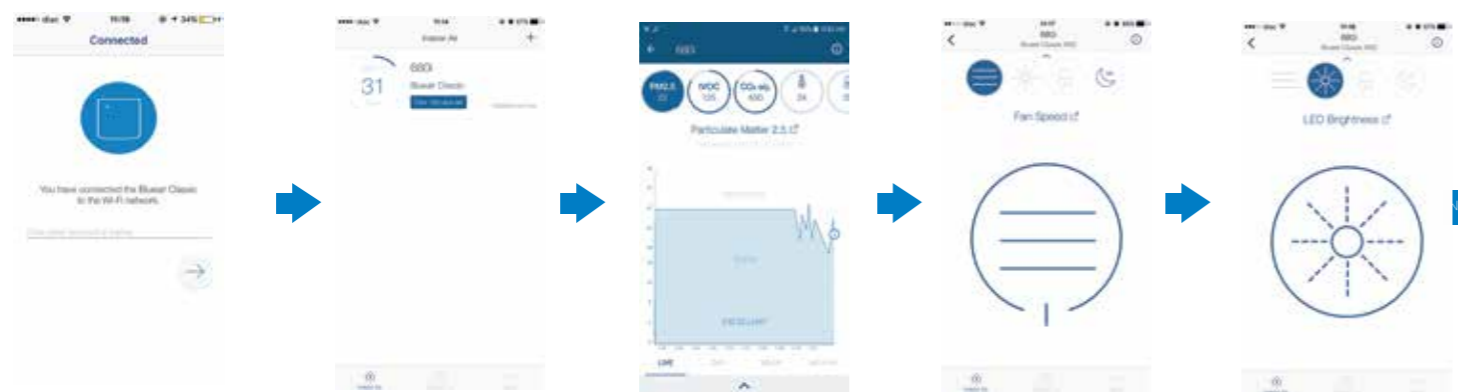
Download Application Blueair Friend



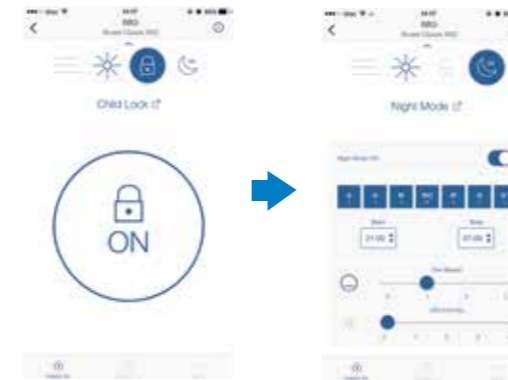
1. ลงทะเบียน 2. Log in 3. หน้าจอ Log in สำเร็จ



4. คลิกเลือก Classic 5. เปิดเครื่อง 6. กดที่สัญลักษณ์ wifi ค้างไว้ 3 วินาที จนกระพริบ 7. เข้ารหัส wifi ที่คุณใช้งานอยู่ 8. หน้าจอแสดงการทำงาน เพื่อเชื่อมต่อ



9. ตั้งชื่ออุปกรณ์ ที่เชื่อมต่อ 10. เลือก รุ่น Classic wifi ที่ได้ทำการเชื่อมต่อสำเร็จ 11. ฟังก์ชันการใช้งานรายละเอียดของสภาวะอากาศภายในห้อง 12. กดลูกศรด้านล่างเพื่อเข้าสู่ฟังก์ชันการเพิ่ม หรือลดระดับแรงลม 13. ฟังก์ชันการเพิ่ม หรือลดระดับไฟ LED

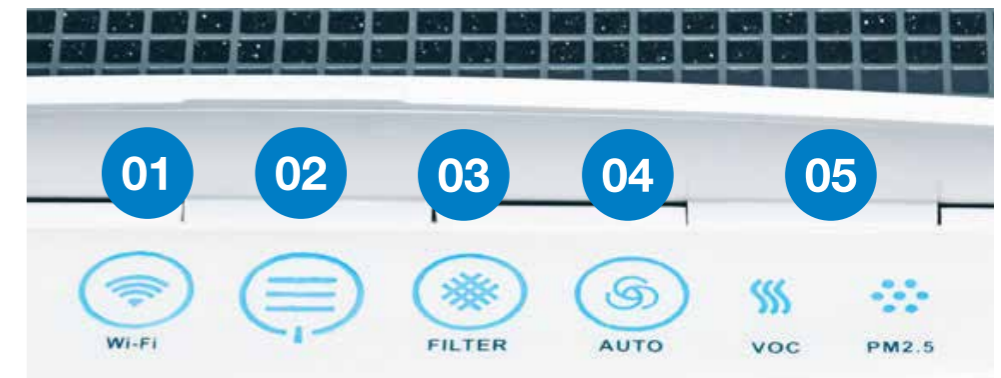
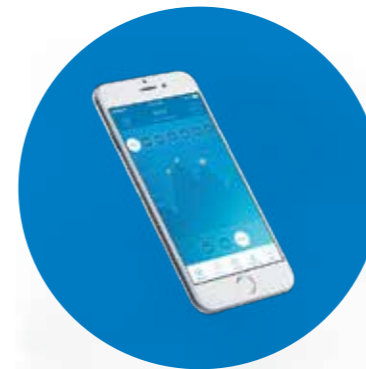


14. ฟังก์ชันการ Lock หน้าจอ 15. ฟังก์ชันการประหยัดพลังงาน (Night Mode)

Take a deep breath

Indoor air is dirtier than you think. Get rid of 99.97% of all airborne pollutants now.

### คำอธิบายฟังก์ชันการทำงาน



- 01 Wi-fi**  
เมื่อเชื่อมต่อกับ Wifi สัญลักษณ์ Wifi จะเปลี่ยนเป็นสีฟ้า
- 02 ปุ่มเปิด/ปิด และเพิ่มแรงลม**  
เมื่อเปิดเครื่อง จะปรากฏแถบวงกลมเป็นสีฟ้าที่แบ่งปรับระดับแรงลมทั้ง 3 แห่ง
- 03 แจ้งเตือนการเปลี่ยนไส้กรอง**  
หลังจาก 6 เดือน ไฟสีส้มจะปรากฏบนสัญลักษณ์ไส้กรองเพื่อแจ้งเตือนว่าถึงเวลาที่ต้องเปลี่ยนไส้กรอง
- 04 โหมดอัตโนมัติ**  
เปิดใช้งานโหมดอัตโนมัติโดยการกดปุ่มโหมดอัตโนมัติ เมื่อเปิดใช้จะเปลี่ยนเป็นสีน้ำเงิน
- 05 VOC & PM2.5**  
แสงสีน้ำเงินหมายถึงระดับที่ไม่เป็นอันตรายของ VOC และ PM2.5 แสงสีส้มบ่งชี้ว่าอากาศสกปรก



**65 m<sup>2</sup>**  
(698 sq. ft.)

**72 m<sup>2</sup>**  
(775 sq. ft.)

**Blueair Classic 500/600 Series**

Feel right at home. The largest of our popular Classic series, the 680i comes with clean air intelligence inside and dramatically reduces even the tiniest indoor airborne particles by up to 99.97%. No coughing or wheezing, just pure air as fresh and clean as nature intended.