

# Performance & specifications

● Yes ● No



Model <sup>A</sup>	Blue Pure Fan	Blue Pure 411	Blue Pure 411+	Blue Pure 211+	Blue Pure 121	Classic 280i	Classic 480i	Classic 680i	Pro M	Pro L	Pro XL	
Room size	200 ft <sup>2</sup> (61 m <sup>2</sup> )	161 ft <sup>2</sup> (15 m <sup>2</sup> )	182 ft <sup>2</sup> (17 m <sup>2</sup> )	540 ft <sup>2</sup> (50 m <sup>2</sup> )	620 ft <sup>2</sup> (57 m <sup>2</sup> )	279 ft <sup>2</sup> (26 m <sup>2</sup> )	434 ft <sup>2</sup> (40 m <sup>2</sup> )	775 ft <sup>2</sup> (72 m <sup>2</sup> )	390 ft <sup>2</sup> (36 m <sup>2</sup> )	780 ft <sup>2</sup> (72 m <sup>2</sup> )	1180 ft <sup>2</sup> (110 m <sup>2</sup> )	
<b>CADR<sup>B</sup> (Clean Air Delivery Rate)</b>												
Smoke	-	105 cfm (180 m <sup>3</sup> /h)	119 cfm (202 m <sup>3</sup> /h)	350 cfm (590 m <sup>3</sup> /h)	400 cfm (680 m <sup>3</sup> /h)	180 cfm (306 m <sup>3</sup> /h)	280 cfm (476 m <sup>3</sup> /h)	500 cfm (872 m <sup>3</sup> /h)	250 cfm (425 m <sup>3</sup> /h)	490 cfm (833 m <sup>3</sup> /h)	800 cfm (1359 m <sup>3</sup> /h)	
Dust	-	120 cfm (200 m <sup>3</sup> /h)	121 cfm (205 m <sup>3</sup> /h)	350 cfm (590 m <sup>3</sup> /h)	400 cfm (680 m <sup>3</sup> /h)	200 cfm (340 m <sup>3</sup> /h)	300 cfm (510 m <sup>3</sup> /h)	500 cfm (872 m <sup>3</sup> /h)	285 cfm (485 m <sup>3</sup> /h)	630 cfm (1070 m <sup>3</sup> /h)	950 cfm (1614 m <sup>3</sup> /h)	
Pollen	182 cfm (200 m <sup>3</sup> /h)	120 cfm (200 m <sup>3</sup> /h)	131 cfm (222 m <sup>3</sup> /h)	350 cfm (590 m <sup>3</sup> /h)	400 cfm (680 m <sup>3</sup> /h)	200 cfm (340 m <sup>3</sup> /h)	300 cfm (510 m <sup>3</sup> /h)	640 cfm (1088 m <sup>3</sup> /h)	350 cfm (595 m <sup>3</sup> /h)	600 cfm (1020 m <sup>3</sup> /h)	900 cfm (1529 m <sup>3</sup> /h)	
Air changes per hour <sup>C</sup>	5	5	5	5	5	5	5	5	5	5	5	
<b>Product</b>												
Airflow	- High	120 cfm (200 m <sup>3</sup> /h)	120 cfm (200 m <sup>3</sup> /h)	120 cfm (200 m <sup>3</sup> /h)	365 cfm (200 m <sup>3</sup> /h)	420 cfm (700 m <sup>3</sup> /h)	220 cfm (374 m <sup>3</sup> /h)	350 cfm (595 m <sup>3</sup> /h)	650 cfm (1150 m <sup>3</sup> /h)	330 cfm (561 m <sup>3</sup> /h)	660 cfm (1122 m <sup>3</sup> /h)	990 cfm (1683 m <sup>3</sup> /h)
	- Low	35 cfm (60 m <sup>3</sup> /h)	35 cfm (60 m <sup>3</sup> /h)	35 cfm (60 m <sup>3</sup> /h)	135 cfm (60 m <sup>3</sup> /h)	170 cfm (290 m <sup>3</sup> /h)	75 cfm (128 m <sup>3</sup> /h)	120 cfm (204 m <sup>3</sup> /h)	150 cfm (255 m <sup>3</sup> /h)	70 cfm (119 m <sup>3</sup> /h)	140 cfm (238 m <sup>3</sup> /h)	210 cfm (357 m <sup>3</sup> /h)
Sound level	- High	56 dB(A)	46 dB(A)	46 dB(A)	56 dB(A)	56 dB(A)	56 dB(A)	52 dB(A)	62 dB(A)	55 dB(A)	55 dB(A)	58 dB(A)
	- Low	31 dB(A)	17 dB(A)	17 dB(A)	31 dB(A)	31 dB(A)	32 dB(A)	32 dB(A)	33 dB(A)	32 dB(A)	32 dB(A)	32 dB(A)
Energy consumption	- High	61 W	10 W	10 W	61 W	61 W	80 W	90 W	100 W	85 W	170 W	256 W
	- Low	30 W	1.5 W	1.5 W	30 W	30 W	20 W	15 W	15 W	11 W	22 W	33 W
Fan Speeds		3	3	3	3	3	3	3	3	3	3	
<b>Filters<sup>D</sup></b>												
Particle filter	●	●	●	●	●	●	●	●	●	●	●	
Carbon filter	●	●	●	●	●	●	●	●	●	●	●	
Number of filters	1	1	1	1	1	1	1	1	3	1	2	3
Filter replacement indicator	●	●	●	●	●	●	●	●	●	●	●	
<b>Connectivity / sensors</b>												
Integrated sensors	●	●	●	●	●	●	80i	80i	●	AIM	AIM	●
Blueair Friend App compatible	●	●	●	●	●	●	●	●	●	●	●	●
Wi-Fi Enabled	●	●	●	●	●	●	●	●	●	●	●	●
<b>Certifications programs<sup>E</sup></b>												
AHAM verified	●	●	●	●	●	●	●	●	●	●	●	
ENERGY STAR	●	●	●	●	●	●	●	●	●	●	●	
CARB Certified	●	●	●	●	●	●	●	●	●	●	●	
<b>Dimensions</b>												
Product dimensions (H x W x D)	14.9 x 13 x 11 in (378 x 330 x 280 mm)	16.7 x 8 x 8 in (425 x 200 x 200 mm)	17 x 7.8 x 7.8 in (433 x 200 x 200 mm)	20.5 x 13 x 13 in (522 x 330 x 330 mm)	28.6 x 13 x 13 in (720 x 330 x 330 mm)	21 x 17 x 9 in (533 x 432 x 209 mm)	23 x 20 x 11 in (590 x 500 x 275 mm)	26 x 20 x 13 in (660 x 500 x 340 mm)	17 x 20 x 10 in (430 x 504 x 240 mm)	31 x 20 x 10 in (790 x 504 x 240 mm)	44 x 20 x 10 in (1120 x 504 x 240 mm)	
Product weight (including filter)	11.6 lbs (5.26 kg)	3.35 lbs (1.52 kg)	3.35 lbs (1.52 kg)	15.4 lbs (7 kg)	18.2 lbs (8.5 kg)	24 lbs (11 kg)	33 lbs (15 kg)	35 lbs (16 kg)	25 lbs (11.5 kg)	44 lbs (20 kg)	70 lbs (31.6 kg)	

<sup>A</sup> Specifications based on U.S. models (120 VAC, 60 Hz with particle filter).

<sup>B</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>C</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>D</sup> Recommended interval for filter replacement is 6 months.

<sup>E</sup> Units comply with quality, safety and regulatory requirements of the countries where they are sold.

<sup>F</sup> 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>G</sup> Performance test based on GB/T 18801-2015, in 3m<sup>3</sup> chamber / cfm is a calculated value.

<sup>H</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 smoke, dust and pollen pollutants from the air (efficiency). Based on GB certification test in China.