



HealthProtect™

Performance & Specifications

| Model ^A | HealthProtect™ 7440i | HealthProtect™ 7470i | HealthProtect™ 7740i | HealthProtect™ 7770i |
|---|---|---|---|---|
| Technology | HEPASilent Ultra™ | HEPASilent Ultra™ | HEPASilent Ultra™ | HEPASilent Ultra™ |
| Room size (4.8 air changes per hour) | 38 m² (409 sq. ft.) | 38 m² (409 sq. ft.) | 62 m² (667 sq. ft.) | 62 m² (667 sq. ft.) |
| Room size (2 air changes per hour) | 91 m² (980 sq. ft.) | 91 m² (980 sq. ft.) | 149 m² (1604 sq. ft.) | 149 m² (1604 sq. ft.) |
| Blueair recommends 4.8 air changes per hour according to AHAM. | | | | |
| CADR B (Clean Air Delivery Rate) | | | | |
| CADR Smoke | 455 m³/h (270 cfm) | 455 m³/h (270 cfm) | 735 m³/h (435 cfm) | 735 m³/h (435 cfm) |
| CADR Dust | 465 m³/h (275 cfm) | 465 m³/h (275 cfm) | >675 m³/h (>400 cfm) | >675 m³/h (>400 cfm) |
| CADR Pollen | 475 m³/h (280 cfm) | 475 m³/h (280 cfm) | 735 m³/h (435 cfm) | 735 m³/h (435 cfm) |
| Product | | | | |
| Sound level | | | | |
| – High | 45 dB(A) | 45 dB(A) | 55 dB(A) | 55 dB(A) |
| – Low | 25 dB(A) | 25 dB(A) | 27 dB(A) | 27 dB(A) |
| Energy consumption | | | | |
| – High | 43 W | 43 W | 72 W | 72 W |
| – Low | 9 W | 9 W | 9 W | 9 W |
| Wheels | ● | ● | ● | ● |
| Filters | | | | |
| SmartFilter Ultra | ● | ● | ● | ● |
| Number of filters | 1 | 1 | 1 | 1 |
| Smart filter replacement timer | ● | ● | ● | ● |
| Filter Lifetime | Up to 1 year | Up to 1 year | Up to 1 year | Up to 1 year |
| Connectivity / sensors | | | | |
| Wi-Fi | ● | ● | ● | ● |
| Blueair app compatible | ● | ● | ● | ● |
| Auto mode | ● | ● | ● | ● |
| VOC sensor | ● | ● | ● | ● |
| Particle laser sensor | ● | ● | ● | ● |
| Temperature & Humidity sensors | ● | ● | ● | ● |
| User Interface | | | | |
| Air Quality indicator light bar | ● | ● | ● | ● |
| Air quality in numbers | ● | ● | ● | ● |
| LCD Display | ● | ● | ● | ● |
| Automatic light dimming | ● | ● | ● | ● |
| Dimensions / weight | | | | |
| Product dimensions (H x W x D) | 691 x 300 x 300 mm (27.2 x 11.8 x 11.8 in) | 691 x 300 x 300 mm (27.2 x 11.8 x 11.8 in) | 855 x 340 x 340 mm (33.9 x 13.4 x 13.4 in) | 855 x 340 x 340 mm (33.9 x 13.4 x 13.4 in) |
| Product weight (including filter) | 12.5 kg (27.6 lbs) | 12.5 kg (27.6 lbs) | 19.2 kg (42.3 lbs) | 19.2 kg (42.3 lbs) |

^A Specifications based on China models (220 VAC, 50 Hz with SmartFilter Ultra). ^B The CADR indicates how much filtered air is delivered (airflow) by the air purifier operating at the highest setting. Tests are performed in accordance with GB standard GB/T 18801-1.