

Technical Specifications: IQAir® CleanZone® 5100

| General Specifications | |
|---|---|
| Electrical configuration | 220-240 V, 50/60 Hz |
| Power consumption* at 230V, 50Hz | 1: 20, 2: 35, 3: 45, 4: 60, 5: 105, 6: 140, 7: 230, 8: 295, 9: 395, 10: 480 Watt |
| Dimensions (incl. casters) | H 1943 x W 643 x D 643 mm |
| Weight (incl. filters) | 75 kg |
| Total system efficiency | ≥ 99.97% for particles ≥ 0.3 µm |
| Airflow (incl. filters)* | 1: 400, 2: 600, 3: 800, 4: 1000, 5: 1200, 6: 1400, 7: 1600, 8: 1800, 9: 2000, 10: 2400 m ³ /h |
| Max. air changes per hour in: 50 m ² room (2.7 m ceiling height) 100 m ² room 200 m ² room | 17.8 8.9 4.4 |
| Sound power level (ANSI/ASA S12.32)* | 38, 46, 52, 57, 61, 64, 66, 68, 70, 72 dB(A), tolerance: ± 3 dB(A); Standby: <2 dB(A) |
| Fan motor | Electronically commutated (EC) centrifugal fan, backward curved with thermal protector |
| Control panel | 4-key touch-pad with 16 character 2-line LCD display |
| Colour of main housing | white / silver |
| Housing material | powder coated steel |
| Filter Configuration | |
| Pre-filter | PreMax™ 500 high-capacity fine dust filter (class F9 / MERV 16) Purpose: control of coarse and fine particulate matter; protection of subsequent filters Media: high-efficiency microfiber, mini-pleated for high-capacity Efficiency: ≥ 90% at ≥ 0.3 µm Surface area: approx. 17 m ² |
| HEPA-filter | HyperHEPA® 700 filter drum (class H12/13) Purpose: control of fine & ultra-fine particulate matter Media: hospital-grade HyperHEPA® filter Efficiency: ≥ 99.97% at ≥ 0.3 µm (class H12/13) Surface area: approx. 23 m ² |
| Features | |
| Display languages | 4 user-selectable languages: English, French, German, Italian (or Spanish) |
| Fan speed settings | 10 |
| Intelligent filter life monitor | yes (calculates remaining life span of each individual filter) |
| Filter life status LEDs | 2 |
| Advanced timer | yes (allows programming of operating hours and weekdays) |
| Advanced fan speed selection | yes (allows programming of different fan speeds for 2 different time periods) |
| Adjustable filter load indices | 2 (large dust and fine dust) |
| Supplied accessories | Remote control (incl. batteries), assembly tool set, handle bar, power cord |
| Optional accessories | Casters (Mobility kit), stabilising feet (Stationary kit), flexible suction duct (FlexAir duct kit), closed end-panels for duct connection, hard wire kit, hole cutting tool |
| Electrical safety certification | IEC/IECEE (CB-Scheme), CE, SEV, EAC |
| Warranty Period | 2 years (excluding filters) |

* per fan speed measured at 230V, 50Hz; tolerance ± 10% (± 10 m³/h); All technical specifications are subject to change without prior notice.