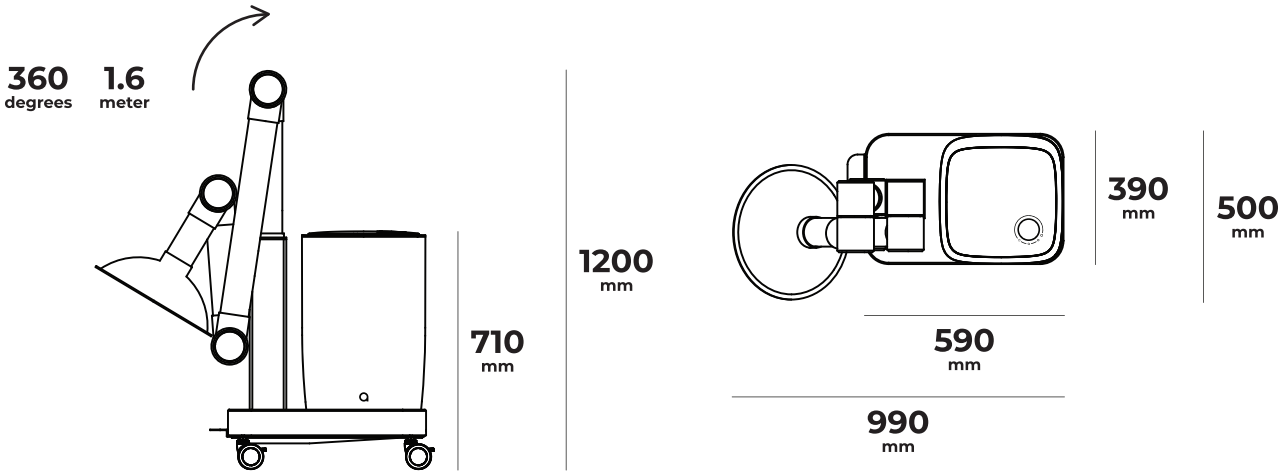
# aairMICU




| CADR | UP TO | | |
|---|---|---|---|
| **440** m³/h | **10** MONTHS | **40** m² | **55** dB(a) |

## GENERAL SPECIFICATIONS

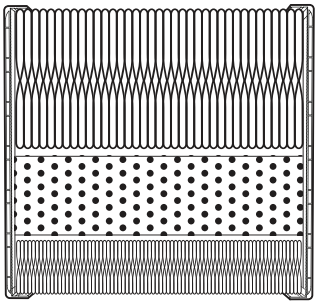
| | |
|---|---|
| Color | White / Graphite / Peach |
| Voltage Requirement | 110V or 220V |
| Energy Consumption | 80W(avg) 180W(max) 110V / 90W(avg) 230W(max) 220V |
| Machine Package Dimensions | 780x720x500mm |
| Arm Package Dimensions | 1000x590x510mm |
| Machine w/ Hood Weight | 28.5kg |
| Packaged Machine Weight | 30.5kg |
| Packaged Arm Weight | 6.1kg |
| Room Size w/2.4m Ceiling | 40 m² w/ 9 Air Changes per Hour |
| Decibels | 35 - 55 dB(a) 110V / 58dB(a) 220V |
| Fan and Motor | Blauberg 110V, EbmPapst 220V, Made in Germany |
| Control Panel | Hidden Display Touch Screen |
| Air Intake | Hood or 360 Degree Inlet |
| Air Outlet | Jet Outlet |
| Housing Material | ABS and Metal with Silver Ion Anti-Microbial Coating |
| Safety Ratings | |

## PERFORMANCE

| | |
|---|---|
| Filter Efficiency | 99.995% at MPPS; CCM: P4/F4 |
| 3rd Party Certifications | EN1822, ISO-18184 |

## FEATURES

| | |
|---|---|
| Built in Air Monitor to PM2.5 | |
| Country of Origin | Switzerland |
| Wi-Fi/Smart Home | Yes / Amazon Alexa |
| Warranty/Guaranteed | 2 Year Warranty |
| What's in the Box | aair Unit with Filter Installed, 4 Pre-Filter Nets, Power Plug Connector, Suction Arm, Manual, Quick Setup Guide, AQI Guide |
| Mobile App OS | Download on the App Store / Google play |



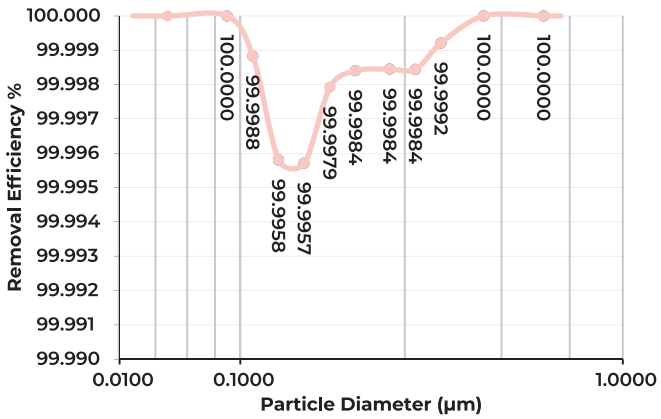
# 302x302x280mm

## FILTER CONFIGURATION

| | |
|---|---|
| Media Type | F9 Pre-Filter with Zinc Pyrithione Coating<br>1000 g sulfur impregnated activated carbon<br>500 g activated alumina, 500 g Zeolite<br>H14 Main Filter with Zinc Pyrithione Coating |
| Filter Media Amount | 7m² |
| Rating and Efficiency | EN1822, ISO-18184 |
| Filter Life - Max Fan Speed | 10 Months based on speed 3, 24/7 |

## PARTICLE SIZE REMOVAL EFFICIENCY

Mesured at 122cm/s




## WITH SUCTION ARM

| | m³/h | ACH | Noise dB |
|---|---|---|---|
| **Speed 1** | 100 | 2,24 | 40 |
| **Speed 2** | 180 | 4,04 | 44 |
| **Speed 3** | 240 | 5,38 | 50 |
| **Speed 4** | 320 | 7,18 | 53 |
| **Speed 5** | 380 | 8,52 | 55 |
| **Speed 6** | 440 | 9,87 | 58 |

## WITHOUT SUCTION ARM

| | m³/h | ACH | Noise dB |
|---|---|---|---|
| **Speed 1** | 101 | 2,26 | 43 |
| **Speed 2** | 186 | 4,17 | 46 |
| **Speed 3** | 304 | 6,82 | 52 |
| **Speed 4** | 355 | 7,96 | 55 |
| **Speed 5** | 439 | 9,84 | 58 |
| **Speed 6** | 499 | 11,19 | 63 |

Air Changes per Hour (ACH) is calculated for 20m² room with 2,4m ceilings, which is comparable to an operatory room.

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