



REPORT ON
QUALIFICATION
FOR REINTAIR
PORTABLE AIR
PURIFIER

Tested by:
airvento
ENVIRONMENTAL DIVISION



↑
TOP

REINTAIR
L 600 EC

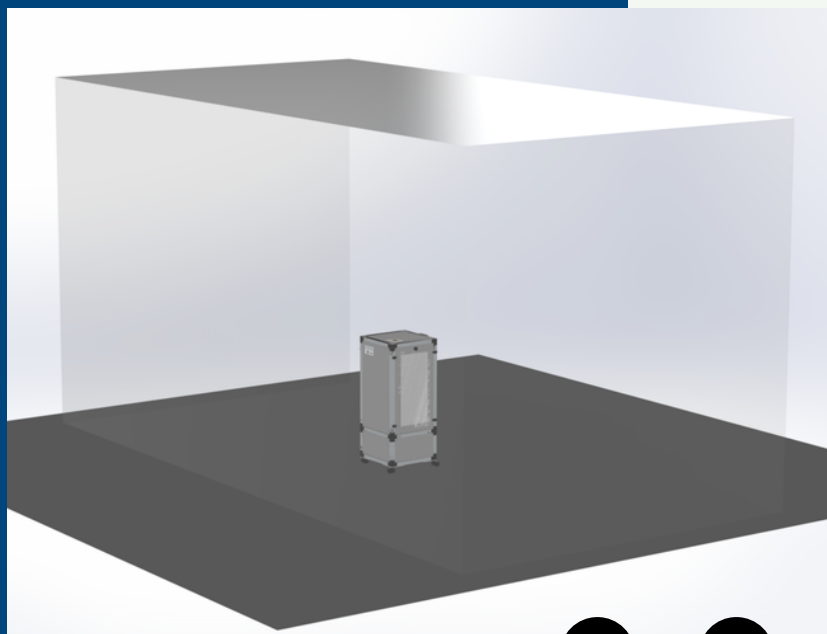
Portable purifier with
ISO 8 classification



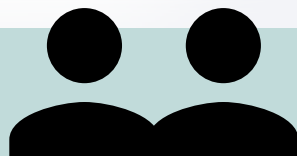
OBJECT OF VERIFICATION

REPORT ON QUALIFICATION FOR REINTAIR PORTABLE AIR PURIFIER

- Tested in a 17m² (42m³) room with no ventilation or air renovation.
- Occupancy: 2 people
- Air filtration only by REINTAIR
- Purifier used: REINTAIR L 600 EC



4,7 x 3,6m
altura 2,5 m



WHAT IS BEING VERIFIED?

- Absence
- of Leaks in filters
- Air Uniformity and Speed Correct operation of the unit



OBJECTIVE OF THE TEST



REPORT ON QUALIFICATION FOR REINTAIR PORTABLE AIR PURIFIER

- Typical Dimensions of the Aerosols that can contain COVID-19 are between 0.5 and 5 μ m

WHAT IS BEING MEASURED?

- Optical count of particles between 0.5 μ m and 5 μ m at 6 different points in the room
- Measurements are taken during 15 minutes of continuous use
- Purifier functioning at 100% capacity



TEST RESULTS



RESULTS

- REINTAIR obtains a clasificación of ISO7 and ISO8 in particle retention, ISO8 being the global classification for this purifier
- The smaller a particle in suspension is, the better the level of classification the REINTAIR obtains
 - ISO 7 in 0.5 μ m
 - ISO 8 in 1 & 5 μ m
- Being able to maintain a minimum of 15 air renewals per hour in the room, it would be classified as ISO8, **equivalent to that of an operating room** destined for minor surgeries.

- According to ISO 14644-1: ISO7 & ISO8
- Equivalent to USFD 209E:
100.000 and 10.000

REINTAIR

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