



**EJ120 Portable HEPA Air Purifier**

## Oransi EJ120 Air Purifier Overview



### Commercial Air Purifiers For Fitness Centers

We use fitness centers to get healthier. That's the whole point. But, when most fitness centers contain high levels of dust, formaldehyde and carbon dioxide, how healthy is the air you're breathing when working out? Studies find most fitness centers actually exceed acceptable air quality levels, whether management realizes or not. If you own or operate a fitness center, use Oransi portable industrial air purifiers and keep your members lively for longer.

For the stuffy air and smells we use a special activated carbon filter. For dust from the air ducts or even airborne pollen, mold spores, or bacteria, we use True HEPA air filters to catch them all.

Gyms   Health & Wellness Centers   Dance Studio   CrossFit   Pilates Studio   Yoga Studio



## Technical Specs

<b>Room Coverage:</b>	Most sized rooms up to 1,250 sq feet
<b>Max Air Flow(cfm):</b>	AHAM Verifide CADR (Max Air Flow cfm): pollen-360, dust-333, smoke-331
<b>Air Flow by Fan Speed (cfm):</b>	1: 70 2: 100 3: 135 4: 200 5: 330
<b>Power:</b>	52W, 120V/60
<b>Main Filter Life:</b>	12 months
<b>Main Filter Rating:</b>	MERV 17 (99.97%+ at 0.3 microns). 36 sq ft filter material
<b>Carbon Filter Life:</b>	8-12 months
<b>Fan Speeds:</b>	5
<b>Noise Level Lp(A) by Fan Speed (1-5):</b>	1. N/A, 2. 19, 3. 24, 4. 33, 5. 59 dB(A)
<b>Dimensions:</b>	17" x 19" x 10" (W x H x D)
<b>Where Made:</b>	USA
<b>Pre-filter Weight:</b>	1 lbs
<b>Main filter Weight:</b>	3 lbs
<b>Total Weight:</b>	27 lbs
<b>Total shipping weight:</b>	29 lbs

## Better than HEPA Performance

### Filter Particle Efficiency

Filter ID	Test Flow Rate m3/hr	Net DP kPa	Efficiency @ 0.3 microns
Sample 1	200	0.08	99.994%
Sample 2	200	0.08	99.996%
Sample 3	200	0.08	99.992%

## Appendix: Certifications

### AHAM Intertek CADR Test Report

Report No. 103729589CRT-001

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Page 4 of 6

#### Results of Performance Tests:

Model/Configuration	Test Particulate	Natural Decay Rate	CADR (FT <sup>3</sup> /Min)	CADR STDEV.	Power (Watts)
EJ120, Unit 1, 1811261113-001, Speed 5 Highest, 120 Volts, 60 Hertz	Smoke	0.00248	331.0	1.6	53.1
	Dust	0.00524	334.3	0.9	53.4
	Pollen	0.10644	373.2	13.1	53.2
EJ120, Unit 2, 1811261113-002, Speed 5 Highest, 120 Volts, 60 Hertz	Smoke	0.00240	310.0	1.4	51.7
	Dust	0.00813	329.6	1.3	51.5
	Pollen	0.11659	355.6	16.1	51.5
EJ120, Unit 3, 1811261113-003, Speed 5 Highest, 120 Volts, 60 Hertz	Smoke	0.00247	327.5	1.7	53.0
	Dust	0.00490	332.0	1.0	53.3
	Pollen	0.10925	352.4	17.7	52.7

#### Conclusion:

The results reported are within the limits of measurability of the ANSI/AHAM AC-1-2015 "Association of Home Appliance Manufacturers Method for Measuring Performance of Portable Household Electric Room Air Cleaners" Test Method.