

Real-World Particulate load reductions

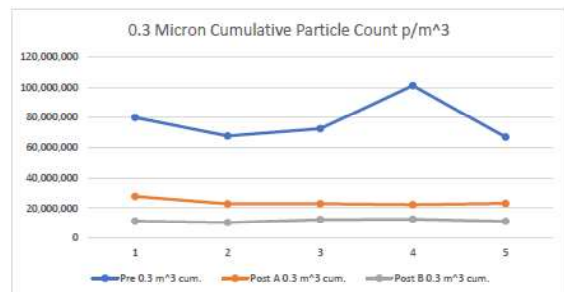
To understand the true effectiveness of an air purifier, you must perform pre and post-installation testing to obtain quantifiable results of the true reduction of the overall particle load. The results below were obtained from three different site locations with installed Halo air purifiers, all within the commercial sector during normal working conditions. The results are for particles between 0.3* μm & 0.5 * μm in diameter (full reports available upon request), which are the particles that pose the greatest health risks as they are not filtered by our bodies naturally and therefore when breathed in, they enter deep into our lungs causing both short term and long-term health effects. These particles could either be viable (contains more than one living microorganism) or non-viable (does not contain a living organism but is a transporter for viable particles). An example of a viable particle would be mold, bacteria, and aerosolized viruses.

Reducing loads of these particles is critical to improving indoor air quality and mitigating our risk of aerosolized viral transmission and general Sick Building Syndrome (SBS). Simply put, the more we can reduce the particle load, the healthier our air will be.

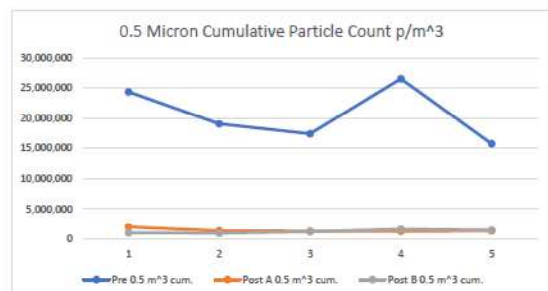
*microns

Moe's Southwest Grill – 3 Halo's – 10,000 cu' of air volume treated

| Spot | Pre 0.3 m ³ cum. | Post A 0.3 m ³ cum. | Post B 0.3 m ³ cum. | Average % Reduction |
|------|-----------------------------|--------------------------------|--------------------------------|---------------------|
| 1 | 80,089,080 | 27,822,034 | 11,288,413 | 75.58% |
| 2 | 67,734,192 | 22,853,316 | 10,372,009 | 75.47% |
| 3 | 72,621,696 | 22,943,842 | 12,343,683 | 75.70% |
| 4 | 101,146,704 | 22,335,500 | 12,657,747 | 82.70% |
| 5 | 67,056,672 | 23,206,992 | 11,275,507 | 74.29% |



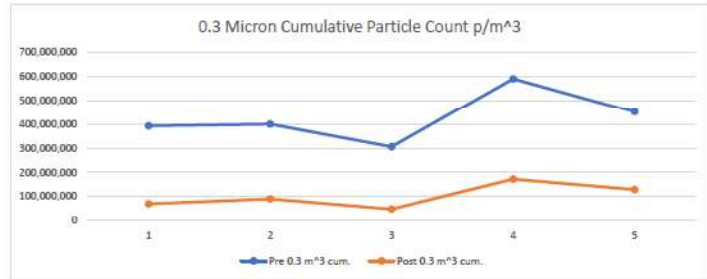
| Spot | Pre 0.5 m ³ cum. | Post A 0.5 m ³ cum. | Post B 0.5 m ³ cum. | Average % Reduction |
|------|-----------------------------|--------------------------------|--------------------------------|---------------------|
| 1 | 24,371,866 | 2,003,283 | 1,036,363 | 93.76% |
| 2 | 19,064,512 | 1,355,532 | 966,218 | 93.91% |
| 3 | 17,405,010 | 1,280,583 | 1,213,392 | 92.84% |
| 4 | 26,546,354 | 1,271,849 | 1,617,934 | 94.56% |
| 5 | 15,755,978 | 1,327,436 | 1,468,415 | 91.13% |



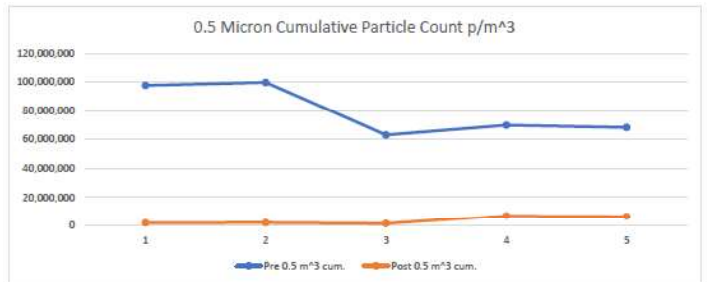


Off the Vine Restaurant – 4 Halo’s – 15’000 cu’ of air volume treated

| Spot | Pre 0.3 m³ cum. | Post 0.3 m³ cum. | % Reduction |
|------|-----------------|------------------|-------------|
| 1 | 392,789,696 | 69,686,744 | 82.26% |
| 2 | 399,868,608 | 89,989,168 | 77.50% |
| 3 | 306,027,904 | 47,617,296 | 84.44% |
| 4 | 591,211,136 | 172,218,896 | 70.87% |
| 5 | 451,924,928 | 129,086,648 | 71.44% |

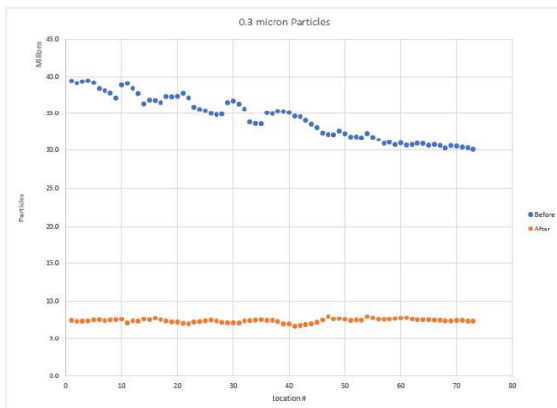


| Spot | Pre 0.5 m³ cum. | Post 0.5 m³ cum. | % Reduction |
|------|-----------------|------------------|-------------|
| 1 | 97,898,832 | 1,796,365 | 98.17% |
| 2 | 99,914,448 | 1,904,174 | 98.09% |
| 3 | 63,259,952 | 1,354,662 | 97.86% |
| 4 | 70,090,904 | 7,086,075 | 89.89% |
| 5 | 68,507,760 | 6,736,390 | 90.17% |

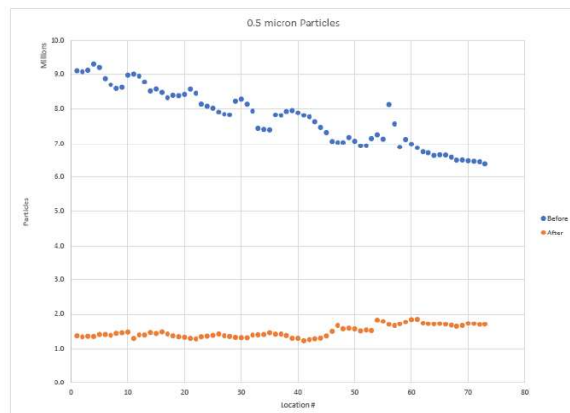


WSS (shoe warehouse/store) – 8 Halo’s – 186,000 cu’ of air volume treated

PARTICLE COUNT CHART: 0.3 MICRONS



PARTICLE COUNT CHART: 0.5 MICRONS



Understanding how room cleanliness is determined

Room cleanliness is monitored by Pharmaceutical, medical device, and semiconductor companies to ensure the integrity of their products is not compromised during manufacturing. These manufacturing areas are classified by what is known as cleanroom or controlled environments and start with ISO 1 (sterile) up to ISO 8 (controlled). The classification depends upon the total particles detected during air sampling procedures. The goal in these environments is to remove or reduce viable and transporter (non-viable) particles, reducing the risk of product fallout or cross-contamination. What is very impressive here is that based on the particle counts presented in the results of the above tests, we have achieved ISO 8 cleanliness in all three scenarios. Again, by reducing the particle load, we are mitigating the risk of harmful exposure to pollutants unseen to the human eye, dramatically improving the air we breathe.

| Class | Maximum particles/m ³ ^a | | | | | | FED STD 209E equivalent |
|-------|---|-----------------|-----------------|-----------------|-----------------|------------------|-------------------------|
| | ≥0.1 μm | ≥0.2 μm | ≥0.3 μm | ≥0.5 μm | ≥1 μm | ≥5 μm | |
| ISO 1 | 10 ^b | ^d | ^d | ^d | ^d | ^e | |
| ISO 2 | 100 | 24 ^b | 10 ^b | ^d | ^d | ^e | |
| ISO 3 | 1,000 | 237 | 102 | 35 ^b | ^d | ^e | Class 1 |
| ISO 4 | 10,000 | 2,370 | 1,020 | 352 | 83 ^b | ^e | Class 10 |
| ISO 5 | 100,000 | 23,700 | 10,200 | 3,520 | 832 | ^{d,e,f} | Class 100 |
| ISO 6 | 1,000,000 | 237,000 | 102,000 | 35,200 | 8,320 | 293 | Class 1,000 |
| ISO 7 | ^c | ^c | ^c | 352,000 | 83,200 | 2,930 | Class 10,000 |
| ISO 8 | ^c | ^c | ^c | 3,520,000 | 832,000 | 29,300 | Class 100,000 |
| ISO 9 | ^c | ^c | ^c | 35,200,000 | 8,320,000 | 293,000 | Room air |

^a All concentrations in the table are cumulative, e.g. for ISO Class 5, the 10 200 particles shown at 0.3 μm include all particles equal to and greater than this size.

^b These concentrations will lead to large air sample volumes for classification. Sequential sampling procedure may be applied; see Annex D.

^c Concentration limits are not applicable in this region of the table due to very high particle concentration.

^d Sampling and statistical limitations for particles in low concentrations make classification inappropriate.

^e Sample collection limitations for both particles in low concentrations and sizes greater than 1 μm make classification at this particle size inappropriate, due to potential particle losses in the sampling system.

^f In order to specify this particle size in association with ISO Class 5, the macroparticle descriptor M may be adapted and used in conjunction with at least one other particle size. (See C.7.)