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The Reviveaire Aireshield® is a 1-inch advanced disinfection and filtration module that transforms your HVAC system into a powerful indoor air quality solution. Using true confined non-thermal plasma, Aireshield actively neutralizes airborne pathogens, agglomerates ultra-fine particles, eliminates cooling coil bio-films, and reduces VOCs, all within a compact form that fits standard filter tracks.

Unlike passive filters, Aireshield delivers active air treatment, enabling MERV 13-16 performance using standard MERV 8 or 13 filters accordingly. By clustering sub-micron particles, it boosts filtration efficiency, extends filter life, and lowers system pressure drop, resulting in significant energy savings.

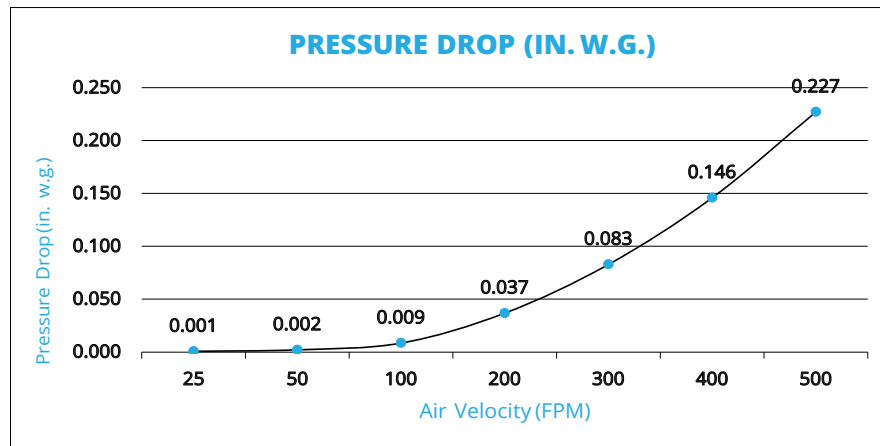
Installation is simple and requires no modifications to existing HVAC units. Aireshield fits into standard tracks or is available with a reusable frame combining Aireshield with a conventional filter. The result is a low-maintenance, low-energy upgrade that improves air quality, reduces waste, and supports sustainability goals, all without compromising your budget.

PRODUCT DATA SHEET

Aireshield Model Numbers: AS-1224-1, AS-1625-1, AS-2020-1, AS-2025-1, AS-2424-1

SPECIFICATIONS

| General Product Data | |
|--------------------------------------|--|
| Maximum Capacity airflow for 24"x24" | 2000 CFM (500 FPM) |
| Initial Pressure Drop | 0.227in. WG at 500 FPM |
| Maximum Pressure Drop | 0.227in. WG at 500 FPM |
| Pin Material | 316 F Stainless Steel |
| Front and Back Plates | 5052 |
| Frame | PVC |
| Disinfection Rate | 99.9% against SARS (See website for other pathogens) |
| MERV rating | Aireshield + MERV8 = MERV13; + MERV13 = MERV16 |
| Service cycle | Minimum 10 years |
| Maximum operation Temperatures | 32-140 F ; 0-60 C° |
| Electrical | |
| Rated Voltage | 120 volts or 240 volts |
| Frequency | 50/60 Hz |
| Power Consumption | Largest 24"x24" 12 watts max. |
| Approvals | |
| Electrical | UL867 |
| Ozone under UL | UL2998, Zero Emissions Ozone |
| Ozone under CSA | C22.2 No.187-20 - Section 7.5 : 1 ppb Ozone |
| LEED points | Up to three |

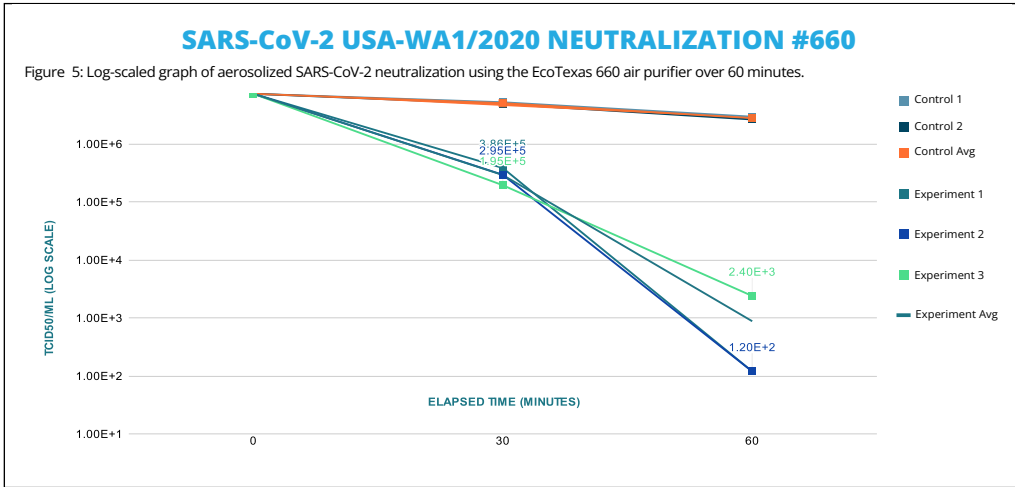


AIRESHIELD STANDARD SIZES

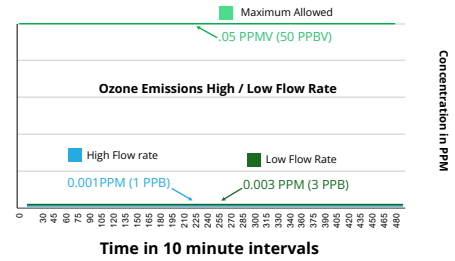
| Model# | Size (HxWxD) | Weight | Input | Power | Current |
|-----------|--------------|----------|-----------|---------|---------|
| AS-2424-1 | 24X24X1 | 5.93 lbs | 120/220 V | 2.741 W | 0.062 A |
| AS-2025-1 | 20X25X1 | 5.24 lbs | 120/220 V | 2.38 W | 0.054 A |
| AS-2020-1 | 20X20X1 | 4.38 lbs | 120/220 V | 1.904 W | 0.043 A |
| AS-1625-1 | 16X25X1 | 4.59 lbs | 120/220 V | 1.904 W | 0.043 A |
| AS-1224-1 | 12X24X1 | 3.71 lbs | 120/220 V | 1.371 W | 0.031 A |



You Are What you Breathe. Breathe Safe.



OZONE EMISSIONS: LOW/HIGH FLOW RATE

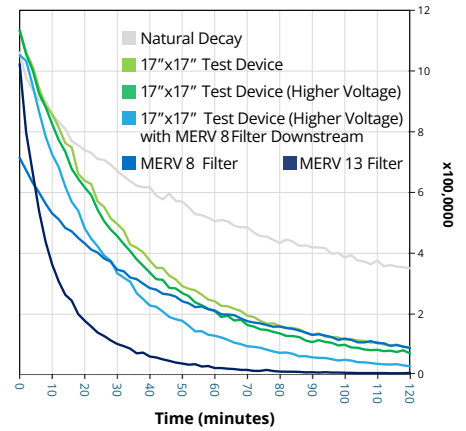


C22.2 No.187-20 - Section 7.5 : 1 ppb Ozone

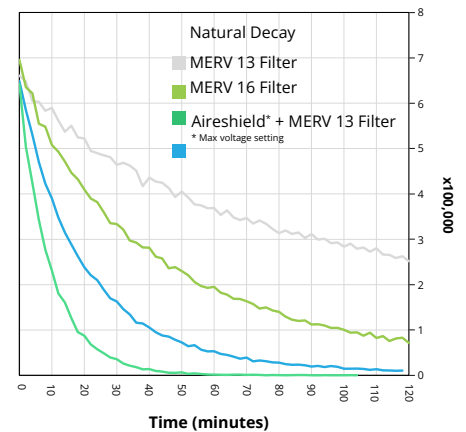
PARTICULATE REDUCTION USING NON THERMAL PLASMA*

Aireshield significantly enhances post-filter performance, improving air filtration effectiveness within 120 minutes in an environmental chamber.

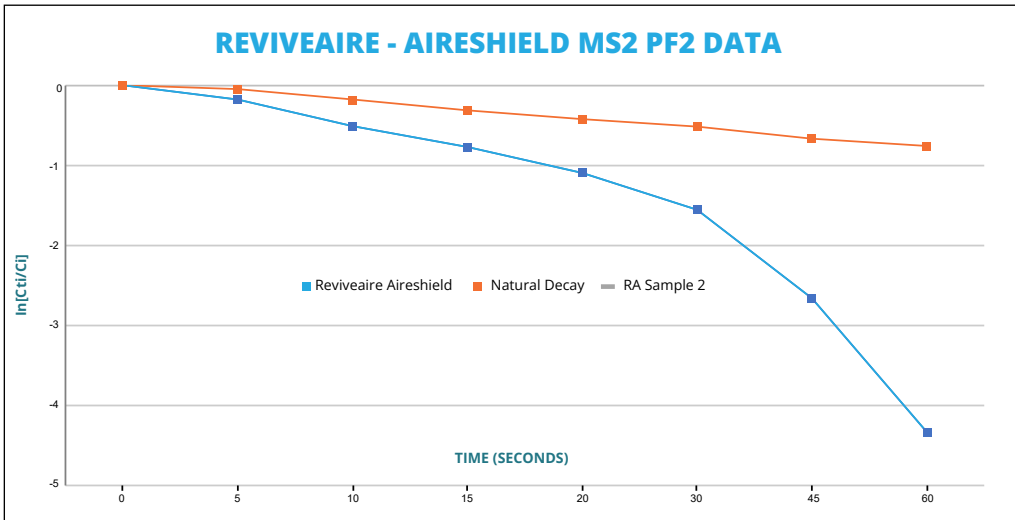
AIRESHIELD + MERV 8 = MERV 13*



AIRESHIELD + MERV 13 = MERV 16*



*Cumulative Particle Number Concentration 16.5-604.3nm (#/cc)



S. EPIDERMIDIS BACTERIA INTERTEK

| TEST PARAMETER (W FILTER) | | TEST RESULT | NATURAL DECAY | UNITS |
|---------------------------|-------------------------|-------------|-----------------------|--------|
| Organism | Species | | S. Epidermidis | --- |
| | ATCC N. | | 1228 | --- |
| | Challenge Concentration | | 8.8 X 10 ⁸ | CFU/mL |
| Samples | 0 | TNTC (2628) | TNTC (2628) | CFU |
| | 15 | TNTC (2628) | TNTC (2628) | CFU |
| | 30 | TNTC (2628) | TNTC (2628) | CFU |
| | 45 | 218 | TNTC (2628) | CFU |
| | 60 | 177 | TNTC (2628) | CFU |
| | 75 | 111 | TNTC (2628) | CFU |
| | 90 | 108 | TNTC (2628) | CFU |
| | 105 | 76 | TNTC (2628) | CFU |
| 120 | 59 | TNTC (2628) | CFU | |
| Results | --- | | 97.7% | --- |