



PORTABLE AIR PURIFICATION UNITS

When Indoor Air Quality + Cost of Ownership Matter!

Safe Indoor Air For Life

A decorative graphic at the bottom of the slide features a blue wave-like shape. From the base of the wave, numerous small blue dots and arrows trail outwards, creating a sense of movement and flow. The background is a light blue gradient.

Box Portable Air Purification Portfolio Highlights

SIZE SPECIFICATIONS
 Unit Size
 L W H
 14 3/4 13 1/8 18
 Unit Weight
 30.5 lbs.



SIZE SPECIFICATIONS
 Unit Size
 L W H
 13 13 1/2 27 3/4
 Unit Weight
 46 lbs.



SIZE SPECIFICATIONS
 Unit Size
 L W H
 24 18 48
 Unit Weight
 89.4 lbs.



Airbox Model	Mesa	Peak	Apex 2.0
Warranty	5 Year/Lifetime	5 Year/Lifetime	5 Year/Lifetime
Filtration	Certified HEPA 4 Log Testing =99.99% Microns > .01	Certified HEPA 4 Log Testing 99.99% =Microns > .01	Certified HEPA 4 Log Testing= 99.99% Microns > .01
Guidance Standards	CDC, OSHA, ASHRAE, DOE	CDC, OSHA, ASHRAE, DOE	CDC, OSHA, ASHRAE, DOE
Registration	FDA, EPA, IEST	FDA, EPA, IEST	FDA, EPA, IEST
CFM (Max)	375	425	1,500
Amps	0.5217	0.5217	1.875
Product Specifications Link	Mesa Specs Link	Peak Specs Link	Apex Specs Link

When Indoor Air Quality + Cost of Ownership Matter!

Apex 2.0 - The Clear Choice - Ideal for...



Cafeteria



Media Room



Locker room



Music Room



Common Area



CLEAN AIR. PURE & SIMPLE



Indoor Air Quality Requirements – Box vs. Competition

Example: Dining/Cafeteria Room = 4,200 sq ft.

Goal

3 Air Exchanges
Per Hour



Required

2,100 CFM/CADR Per Minute¹

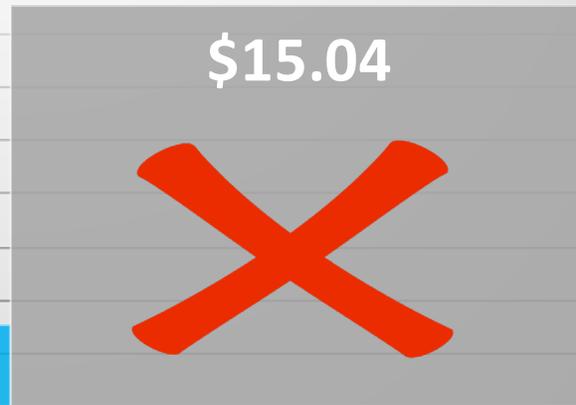


The “Competition” is based on the Pro 4 “Fellows” unit: a good representation of a typical classroom, office, small conference room air purification units

Apex – The Clear Choice

Apex vs. Competition

5 Year Cost of Ownership/Sq ft.
Example: 4,200 Sq ft. Room



TOTAL 5 YEAR COST PER SQ FT. (MSRP + FILTERS)

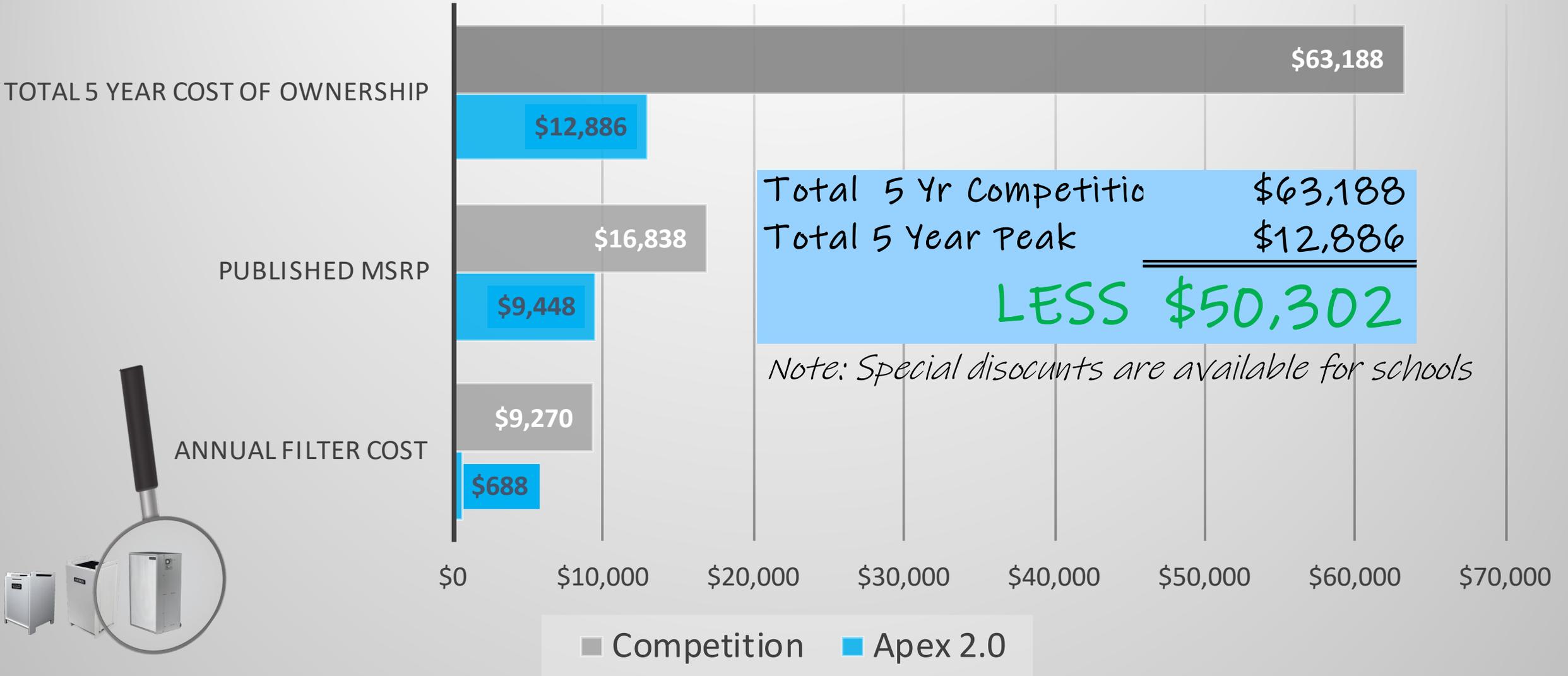
■ Apex 2.0 ■ Competition



The "Competition" is based on the Pro 4 "Fellows" unit, which is a good representation of a classroom, office, small conference room air purification units

Apex vs. Competition Cost of Ownership for 5 Years

Example: 4,200 Sq ft. Room



Highlights of Apex 2.0

Providing over 90,000 Cubic feet per hour of Antimicrobial, Chemical, and HEPA Filtration

Fan Speed Settings | Space Purified Per Minute



INTEGRATED CLEAN ROOM TECHNOLOGY

The Apex 2.0 is equipped with the same type of HEPA filtration that is used in many high-profile, high-tech clean rooms around the country.

OTHER KEY FEATURES

- Dual fan high efficiency EC fan motors
- Mix and match antimicrobial/odor shield filters (2) 2"
- Antimicrobial treated HEPA filter 4"
- Change Filter Gauge
- SMART Fleet Management integration



Front

SIZE SPECIFICATIONS

Unit Size		
L	W	H
24	18	48
Unit Weight		
89.4 lbs.		

Spec Sheet [Link](#)



Back

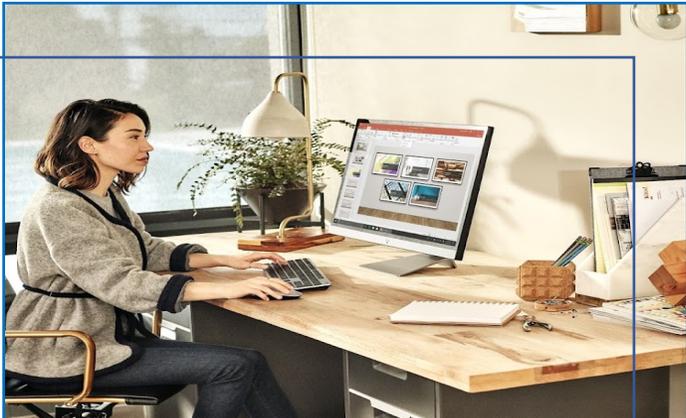


Filter Access

Amps	Cubic Feet Per Minute	Cubic Feet Per Hour
0.33	400	24,000
0.75	800	48,000
1.88	1,200	72,000
2.75	1,500	90,000

Performance Specs

Peak – The Clear Choice – Ideal for...



Office



Small Conference Room



Classroom



Dorm Room



Indoor Air Quality Requirements – Box vs. Competition

Example: Classroom = 960 sq ft.

Goal

3 Air Exchanges
Per Hour



Required

480 CFM/CADR Per Minute



The “Competition” is based on the Pro 4 “Fellows” unit: a good representation of a typical classroom, office, small conference room air purification units

Peak – The Clear Choice

Peak vs. Competition

5 Year Cost of Ownership/Sq ft.
Example: 960 Sq ft. Room



\$0.00



\$0.00

TOTAL 5 YEAR COST PER SQ.FT. (MSRP + FILTERS)

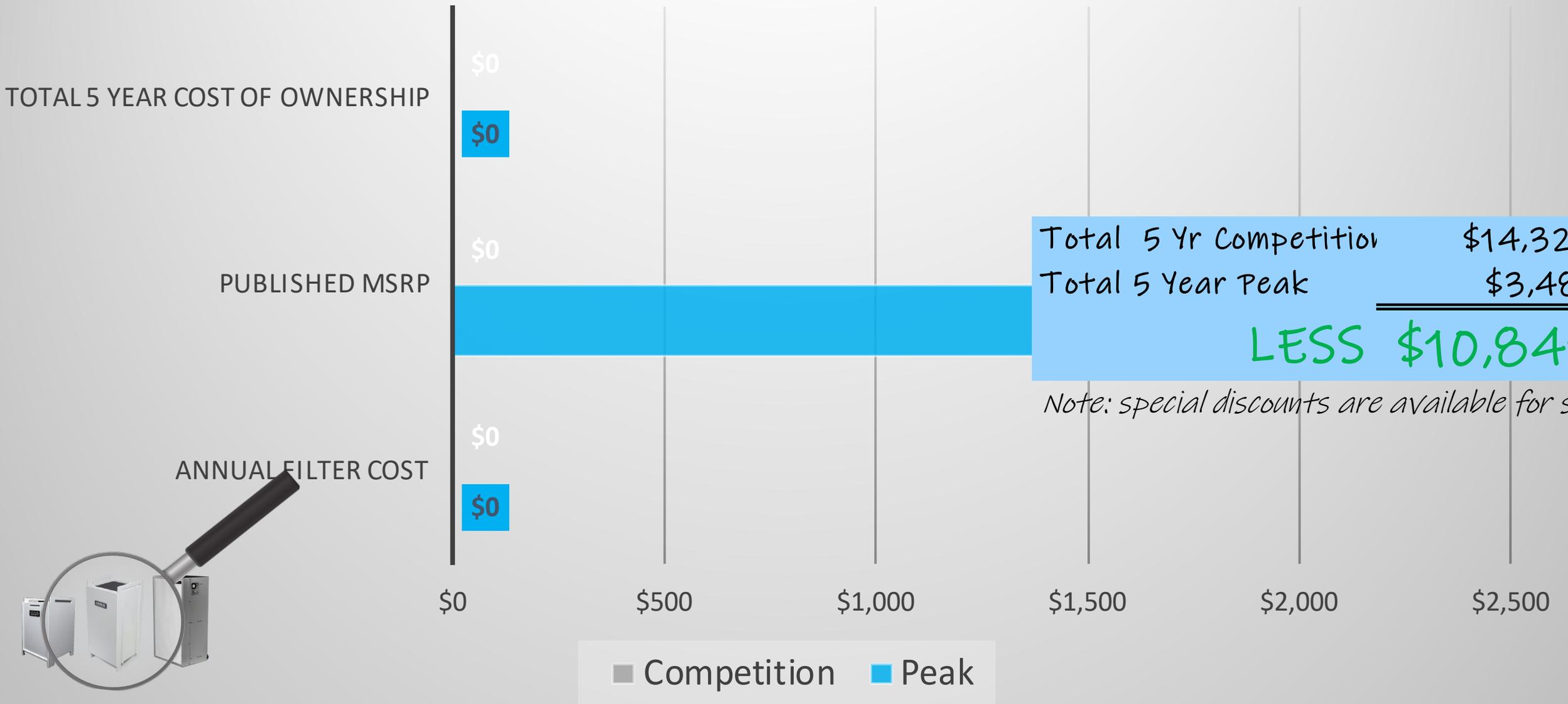
■ Peak ■ Competition



The “Competition” is based on the Pro 4 “Fellows” unit: a good representation of a typical classroom, office, small conference room air purification units

Peak vs. Competition Cost of Ownership for 5 Years

Example: 960 Sq ft. Room



Highlights of Peak

Providing over 25,500 cubic feet per hour of Antimicrobial, Chemical, and U.S. Certified HEPA Filtration

INTEGRATED CLEAN ROOM TECHNOLOGY

The Peak is equipped with the same type of HEPA filtration that is used in many high-profile, high-tech clean rooms around the country.

OTHER KEY FEATURES

- High efficiency EC fan motor
- Mix and match Antimicrobial/Odor Shield filters (2) 4"
- HEPA Filter (Final Filter Stage) - Certified 99.99% - 4" Pleated Glass Media
- SMART Fleet Management integration

Serving home, medical, educational, and industrial applications, the Box Peak Series is categorically the most effective and efficient Air Purifier on the market. Like the name suggests, the Series-S is made of the highest quality materials

SIZE SPECIFICATIONS

Unit Size		
L	W	H
13	13 1/2	27 3/4
Unit Weight		
46 lbs.		



Fan Speed Settings | Space Purified Per Minute

Low

100
Cubic Ft./min.

Med

275
Cubic Ft./min.

Hi

425
Cubic Ft./min.

Mesa – The Clear Choice – Ideal for...



Office



Small Conference Room



Classroom



Nurse's Office



Dorm Room



Indoor Air Quality Requirements – Box vs. Competition

Example: Office = 500 sq ft.

Goal

3 Air Exchanges
Per Hour



Required

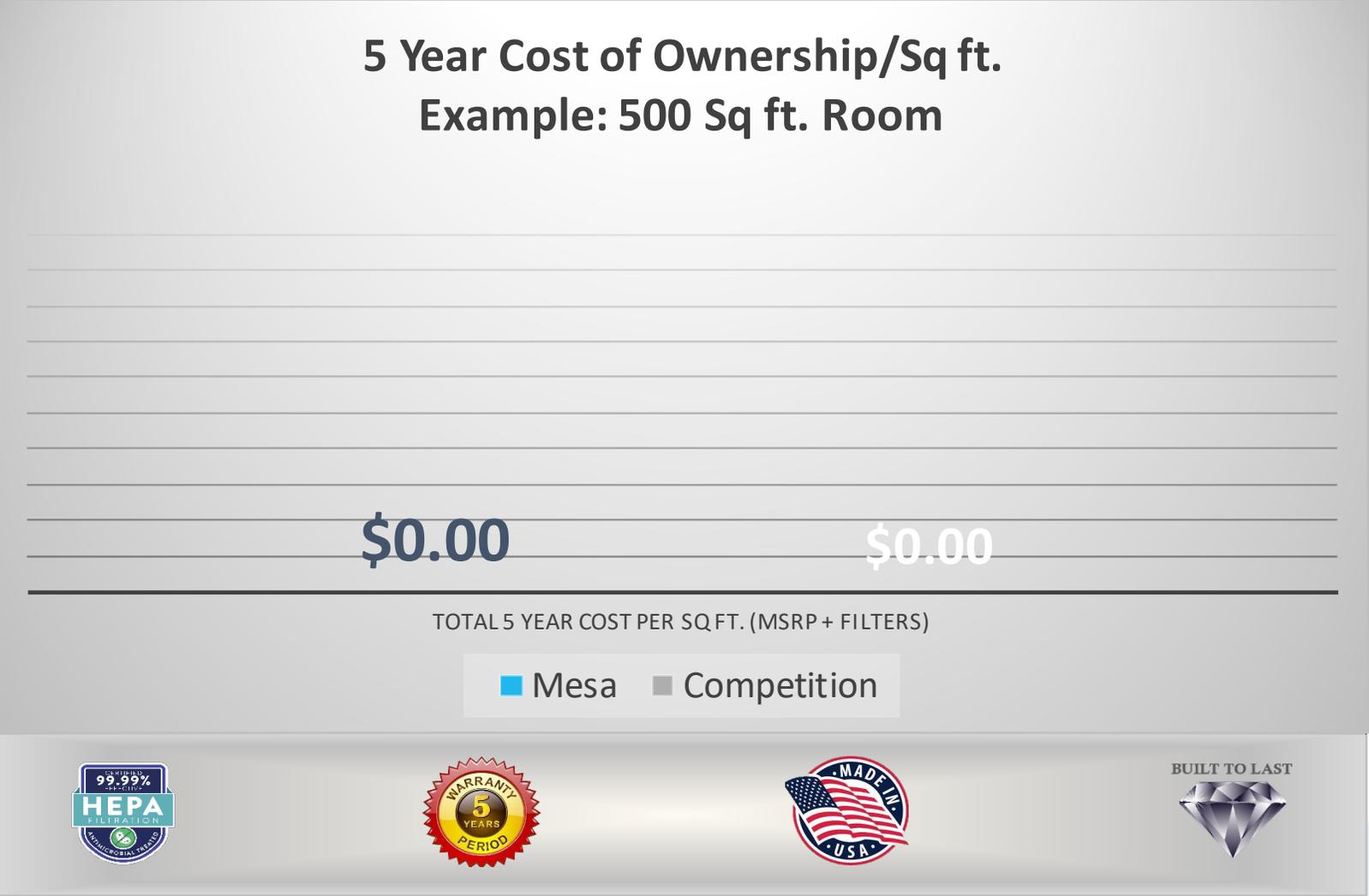
250 CFM/CADR Per Minute



The “Competition” is based on the Pro 4 “Fellows” unit: a good representation of a typical classroom, office, small conference room air purification units

Mesa – The Clear Choice

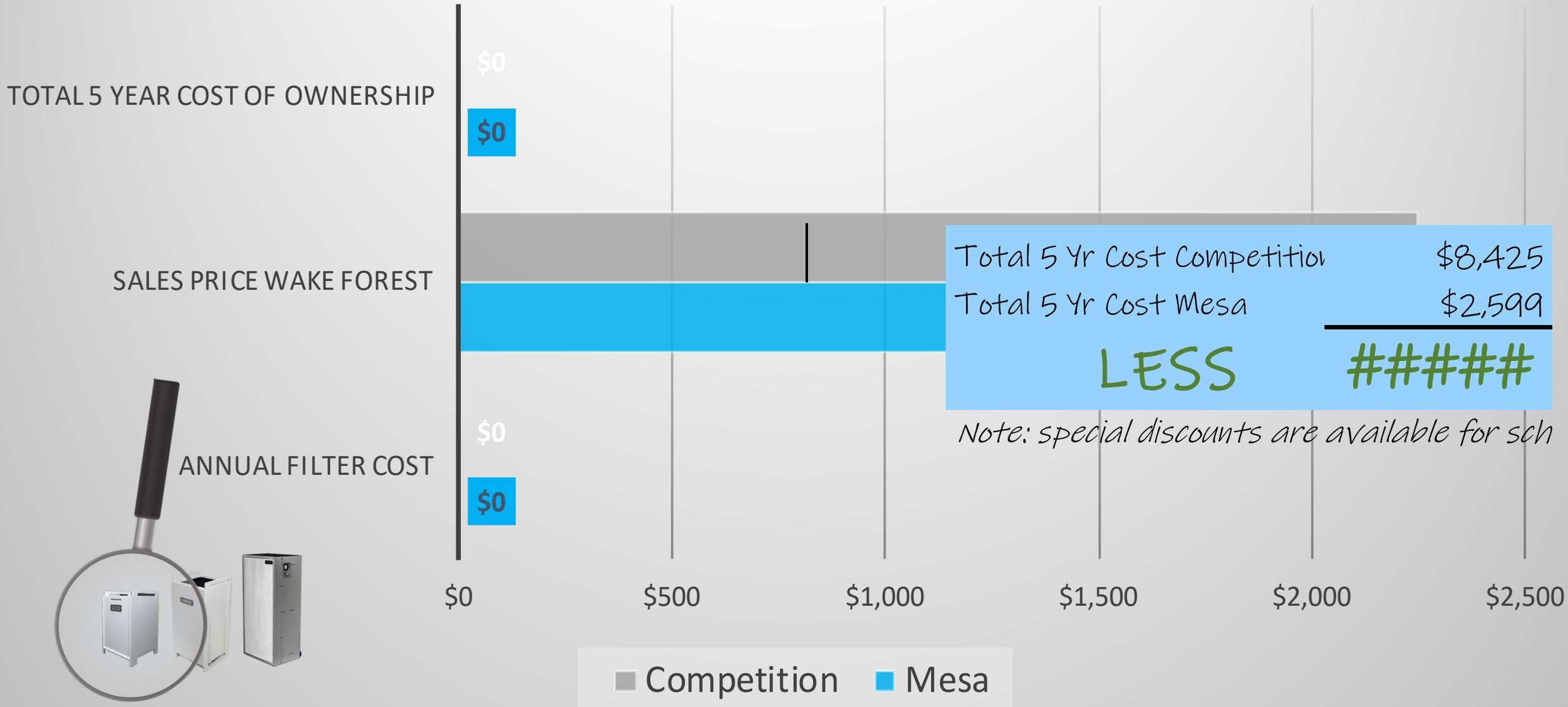
Mesa vs. Competition



The “Competition” is based on the Pro 4 “Fellows” unit: a good representation of a typical classroom, office, small conference room air purification units

Mesa vs. Competition Cost of Ownership for 5 Years

Example: 500 Sq ft. Room



Highlights of Mesa

The Mesa provides 22,500 cubic feet per hour antimicrobial and Certified HEPA Filtration to provide 99.99% pure air.

INTEGRATED CLEAN ROOM TECHNOLOGY

The Mesa is equipped with the same type of HEPA filtration that is used in many high-profile, high-tech clean rooms around the country.

OTHER KEY FEATURES

- HEPA Filter (Final Filter Stage) - Certified 99.99% - 4" Pleated Glass Media
- Aluminum Frame Antimicrobial Filter (First Filter Stage) - Merv 11 2"
- High efficiency EC fan motor
- SMART Fleet Management integration

Serving home, medical, educational, and industrial applications, the Box Mesa Series is categorically the most effective and efficient Air Purifier on the market.

SIZE SPECIFICATIONS

Unit Size		
L	W	H
13	13 1/2	27 3/4
Unit Weight		
46 lbs.		



Fan Speed Settings | Space Purified Per Minute

Low

100
Cubic Ft./min.

Med

250
Cubic Ft./min.

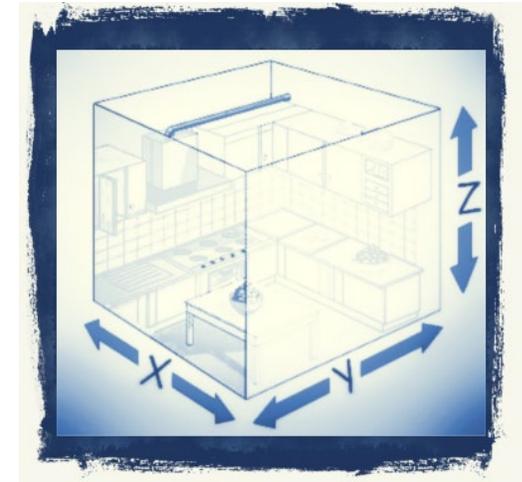
Hi

375
Cubic Ft./min.

Box Portable Air Purifier Portfolio

Suggested Room Size

Ranges of Ventilation in Sq Ft.			
ACH	Mesa	Peak	Apex 2.0
2	1,250	1,500	7,200
3	600	750	3,600
5	300	400	1,800
Range Calculations Based on Medium Speed			
Speed MED CFM	250	275	1,200
Speed High CFM	375	425	1,500



-ACH = Air Exchanges Per Hour



-Existing HVAC System is 1 ACH



-Ceilings average height 10 ft.

Remote Monitoring “Fleet Management”

Powered by  WELL AWARE Brochure [Link](#), Video [Link](#) for PDF version



FILTER NOTIFICATIONS

Monitor your filters, predict when they will require replacement, get notified when replacements are due, and track filter orders.



MONITOR

Monitor filter status and track total filter run time and flow volume.



PREDICT

Know when you'll need to replace your filters based on measured usage.



NOTIFY

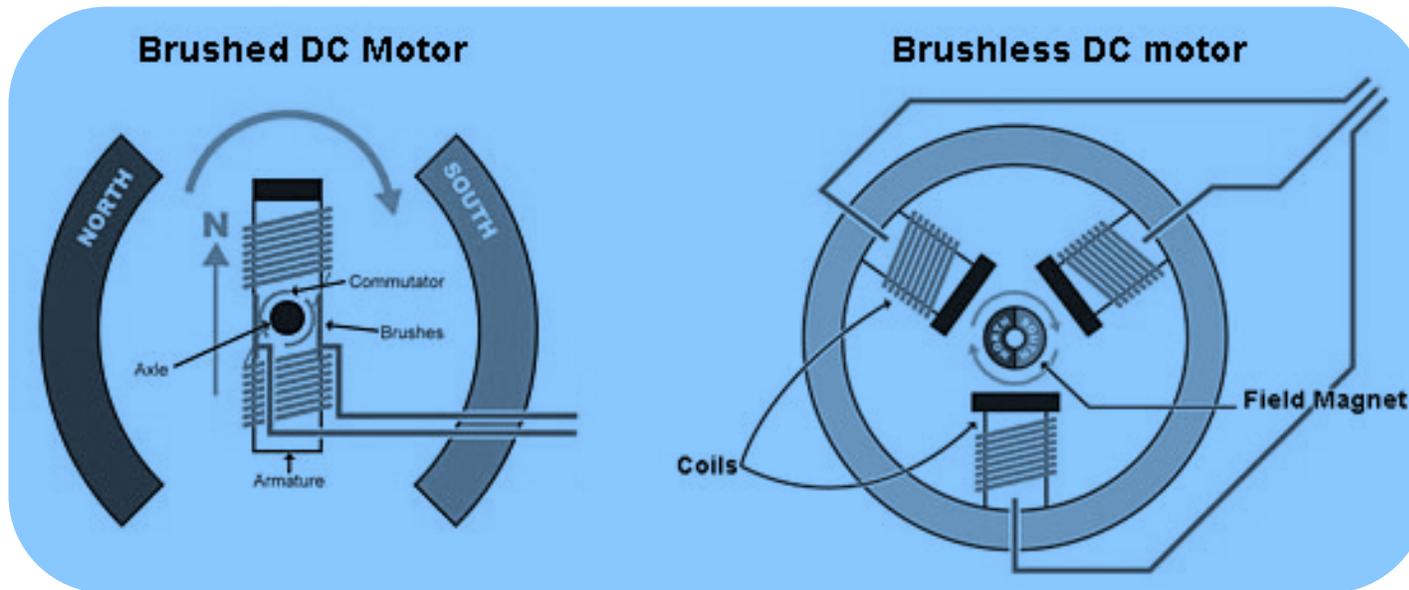
Get text and email notifications when filter replacements are needed.



TRACK

Track filter orders and mark filter changes to better manage your fleet.

Why EC Motors?



Mesa, Peak and Apex share the same high quality EC motor with a 94% “still operational rate” at 13.3 years.

Note that Apex 2.0 has 2 motors.

TOP 4 BENEFITS OF EC FANS

An electronically commutated (EC) fan design delivers the combined benefits of AC and DC Fans. The EC fan’s power comes from a brushless DC motor, but it offers the control that AC induction fans have over the fan rotor through a printed circuit board. The four primary benefits offered by electronically commutated fans include:

Increased Efficiency

The high energy efficiency of the EC fan motor comes from the reduction in energy consumption. While the EC motor is running, it constantly monitors the electricity powering the fan and makes continuous adjustments to keep fan power optimized.



More Control

EC fan motors use multiple methods of control to deliver better efficiency and simplify control of small or large-scale applications. It has a printed circuit board that allows precision control through a computer application.



Longer Lifespan

Industries and applications that require reliability and longevity can rely on EC fans for a longer lifespan than AC fans with similar capabilities. The lack of carbon brushes on the EC fan motor eliminates the risk of wear.



Compact & Versatile

EC fans have a space-saving design, allowing them to operate at a high capacity at a smaller physical size. The smaller size is largely due to the external rotor.



Compliance/Certification/Verification



Science Certified Filtration

- UL listed
- EPA Registered Manufacturing Facilities
- FDA Compliant labeling listing specific Pathogen
- Efficacy $\geq 99.99\%$
- Certified to IEST Standards

AIRBOX™
CLEAN AIR. PURE & SIMPLE.

Manufactured and Assembled in the USA
Model: AB-Peak-S6
Ratings: 120 VAC
60Hz
2.5Amp

UL LISTED
E518053
Air Filtering Appliance

Product Support: 1-866-927-1386
www.airboxairpurifier.com

EPA Registered Establishment No. 97081-NC-1

AIRBOX, LLC. Statesville, North Carolina

CAUTION: Proper PPE should be used when changing possible contaminated filters.

This product has been proven to effectively remove 99.999% of MS2 (RNA Virus - SARS-CoV-2 Representative Virus), S.Aureus (Gram-Positive Bacteria), E.Coli (Gram-Negative Bacteria), and B.Subtillis (Bacteria Spore). Results for these tests can be provided upon request by calling our Product Support Line

This Product has not been reviewed by the FDA.

EFFICIENCY TESTED
PER IEST-RP-CC007
EFF: 99.999
P: 526
Date: 9/20/21
Machine: 1546

AIRBOX
CLEAN AIR. PURE AND SIMPLE.

MFQ P/N: 86502F022
DESCRIPTION: Q6-11.87-11.87-U-47-3U-1D-00-0
DATE CODE: 212032

SHOP ORDER NO. - SERIAL NO.
H369388-037

MINIMUM EFFICIENCY	MICRON	TARGET (W.G.)	VELOCITY (FPM)	AIRFLOW (CFM)
99.97	0.3	0.02	251	188

MEGALAM PANEL

AIRFLOW ↓ TEST DIRECTION

AIR FILTER UNIT
45° FLAMMABILITY ONLY
2023 014503

Contact Us



Ryan Cowell @ rcowell@boxpureair.com
Ran Johnston @ rjohnston@boxpureair.com
Troy Lorenz @ tlorenz@boxpureair.com



Ryan Cowell @ 834.412.9388
Ran Johnston @ 919.614-3479
Troy Lorenz @ 701.630.3816



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[141 King St., #131](#)
[Charleston, SC 29401](#)



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CLEAN AIR. PURE & SIMPLE



The End

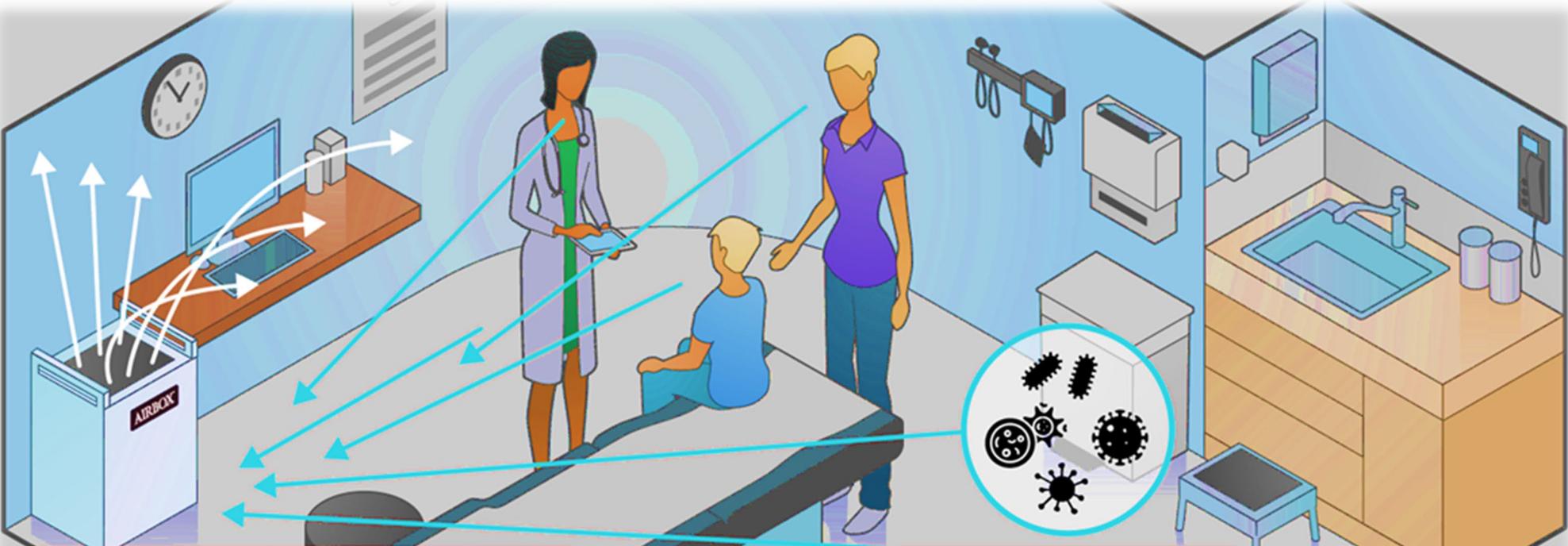
Safe Indoor Air For Life

Helping Communities
Get Back to Work, Back to School and Back to Life!

Optional Slides Follow on Product and Cost of Absenteeism

AirBox's Bioaerosol Tests – "4 Log Reduction"

[Link to Independent Lab Results](#)



The illustration shows an exam room with a desk, a clock, and a patient on a table. A white AirBox unit is positioned near the desk, with arrows indicating air circulation. A circular inset shows various pathogens, including viruses and bacteria.

Pathogen	Baseline Concentration	Removal Efficiency	Removal Time (Min.)
MS2 Bacteriophage (SARS-CoV-2 Representative Virus)	1.34E+09	>99.99%	21
Staphylococcus aureus (Gram-positive bacteria)	3.08E+07	>99.99%	11
Escherichia Coli (E.Coli) (Gram-negative bacteria)	4.84E+07	>99.99%	25
Bacillus Subtilis (Bacteria Spores)	4.22E+07	>99.99%	15

**DECONTAMINATE
THE AIR IN AN
800 CUBIC FOOT
EXAM ROOM**

**IN
25
MIN**

Additional Apex 2.0 Pictures

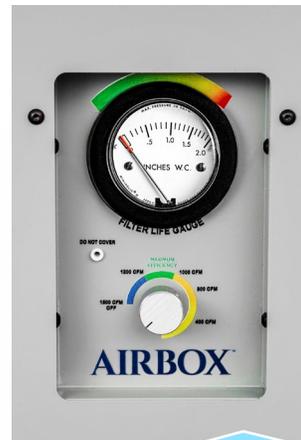
Video [Link](#)



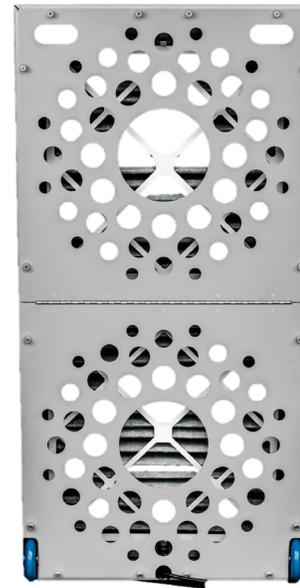
**Antimicrobial
Filter**



**Close up
Wheels**



**Power/Filter
Controls**



Back



Front



**Side
Tilted on Wheels**



HEPA Filter

Other Peak Pictures



**Front Panel
Filter Access**



**Speed
Control Dial**



Front

Other Mesa Pictures



**Front Panel
Filter Access**



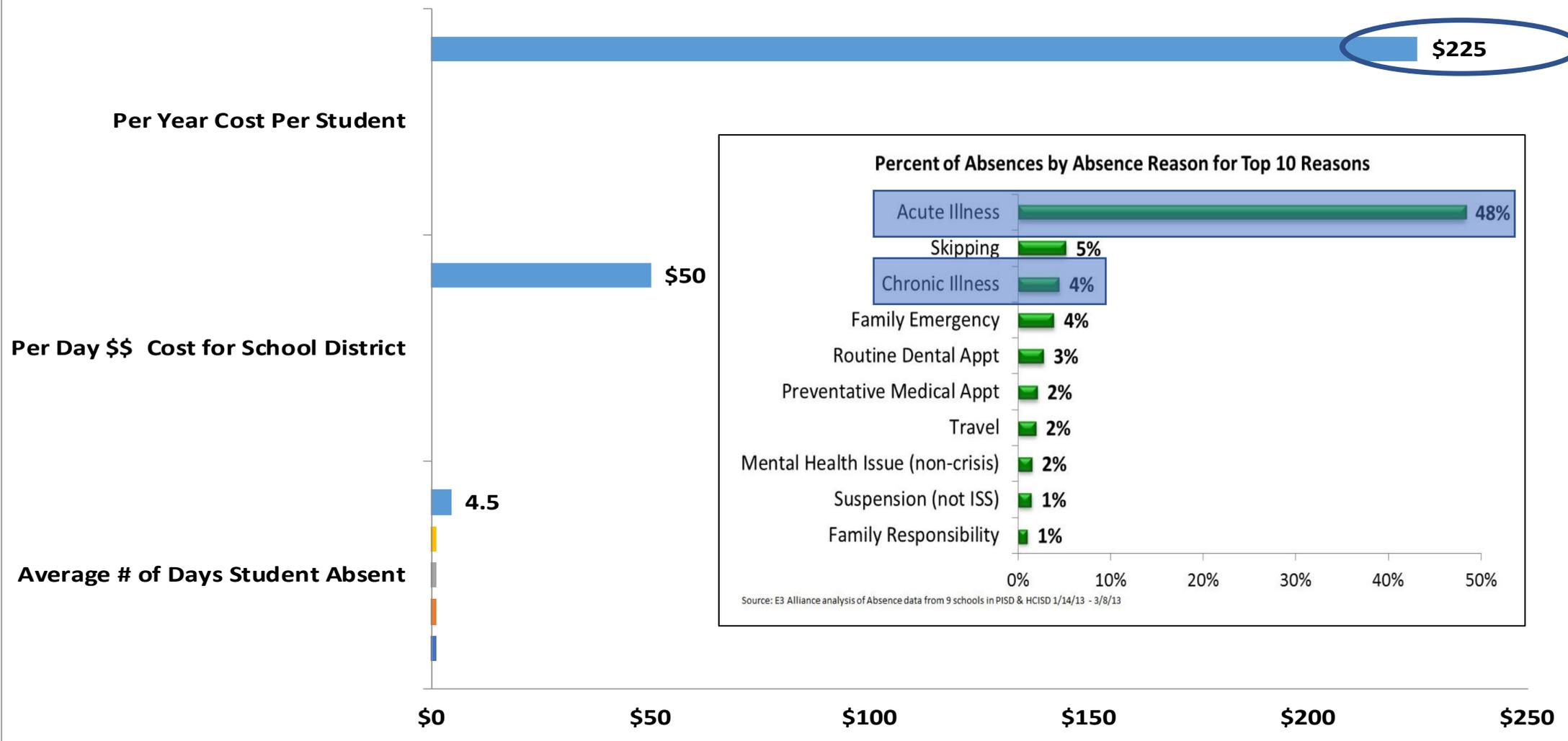
**Speed
Control Dial**



Front

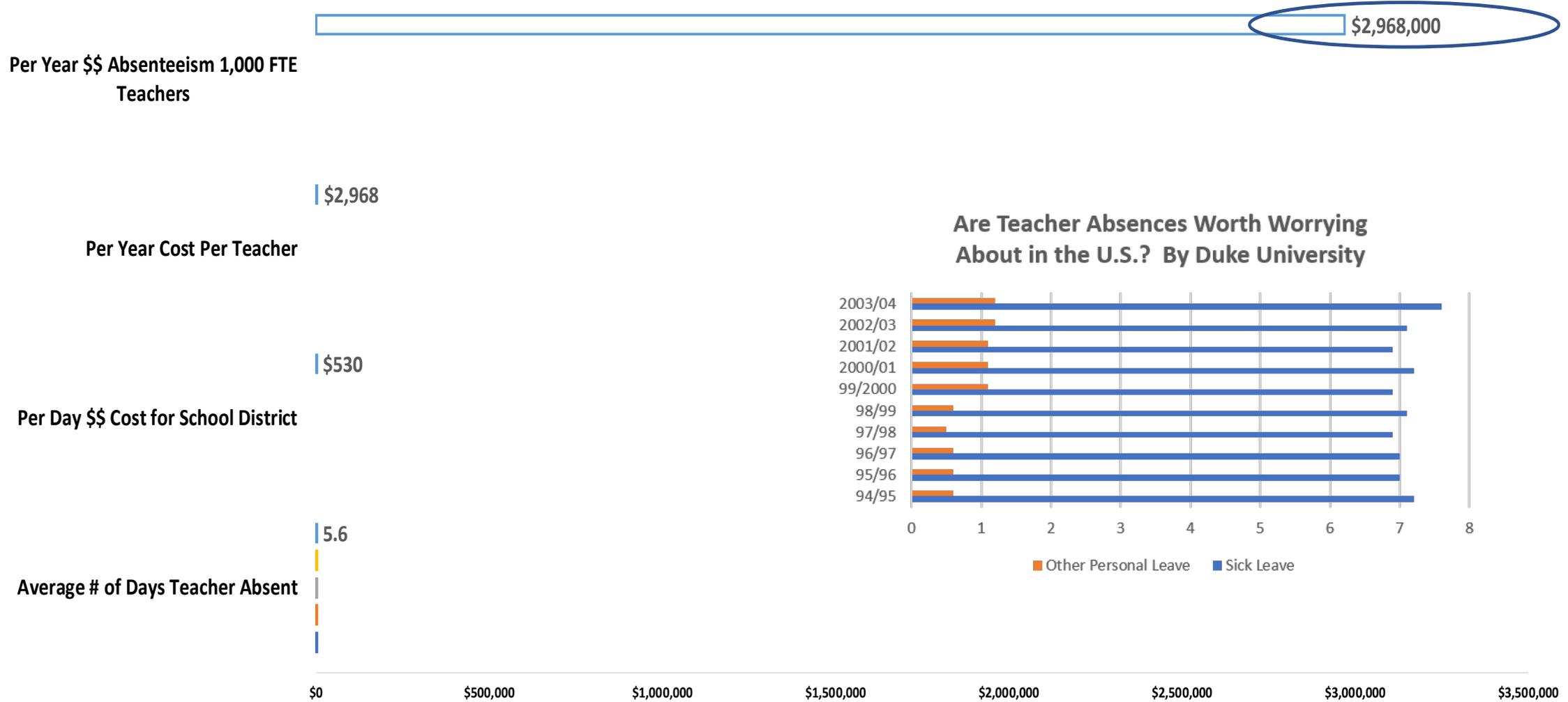
Pre-Covid Cost Per Student Absenteeism

15,000 STUDENTS AND 1,000 FTE TEACHERS



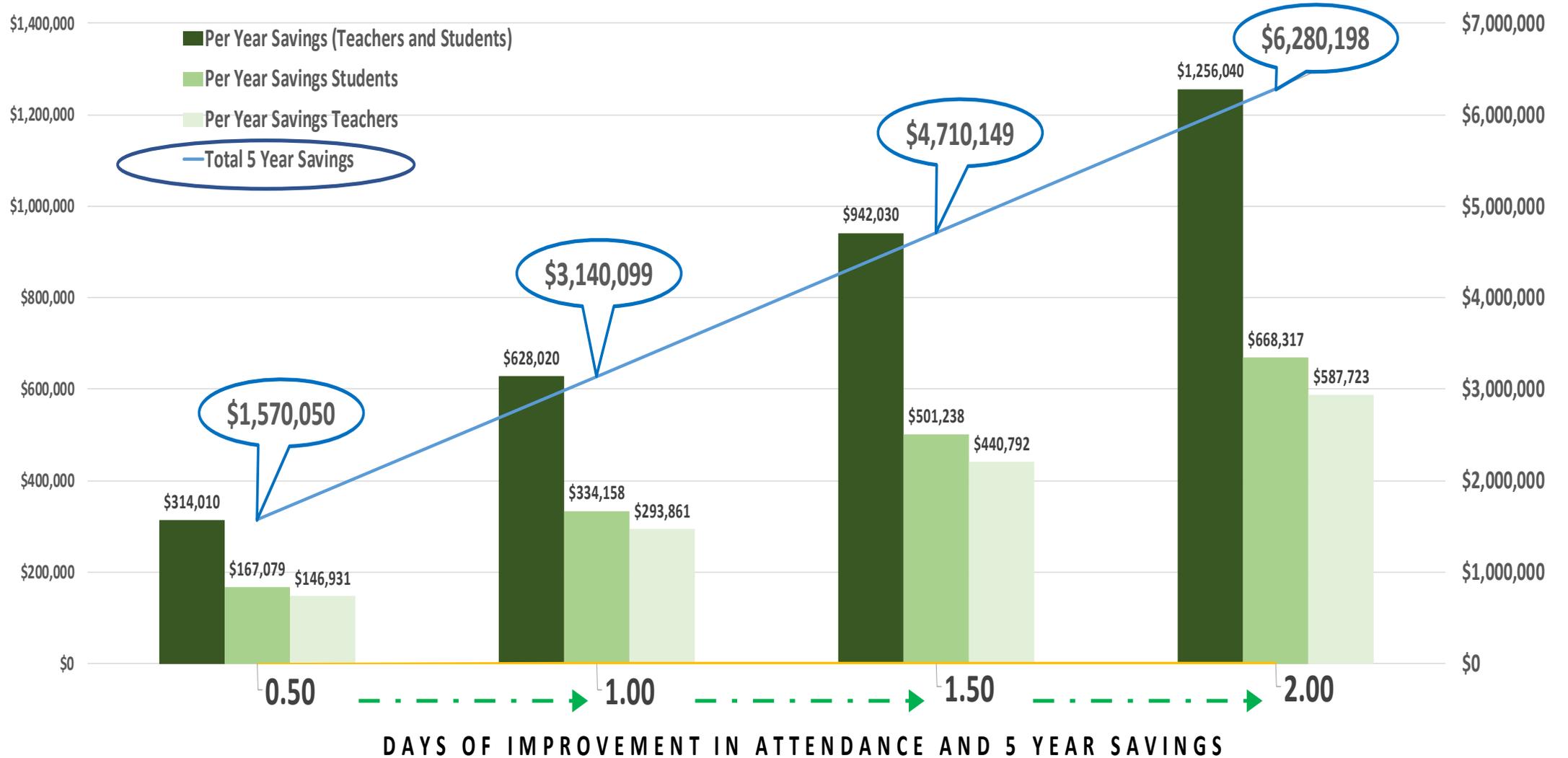
PRE-COVID COST PER DAY FOR TEACHERS ABSENTEEISM

15,000 STUDENTS AND 1,000 FTE TEACHERS

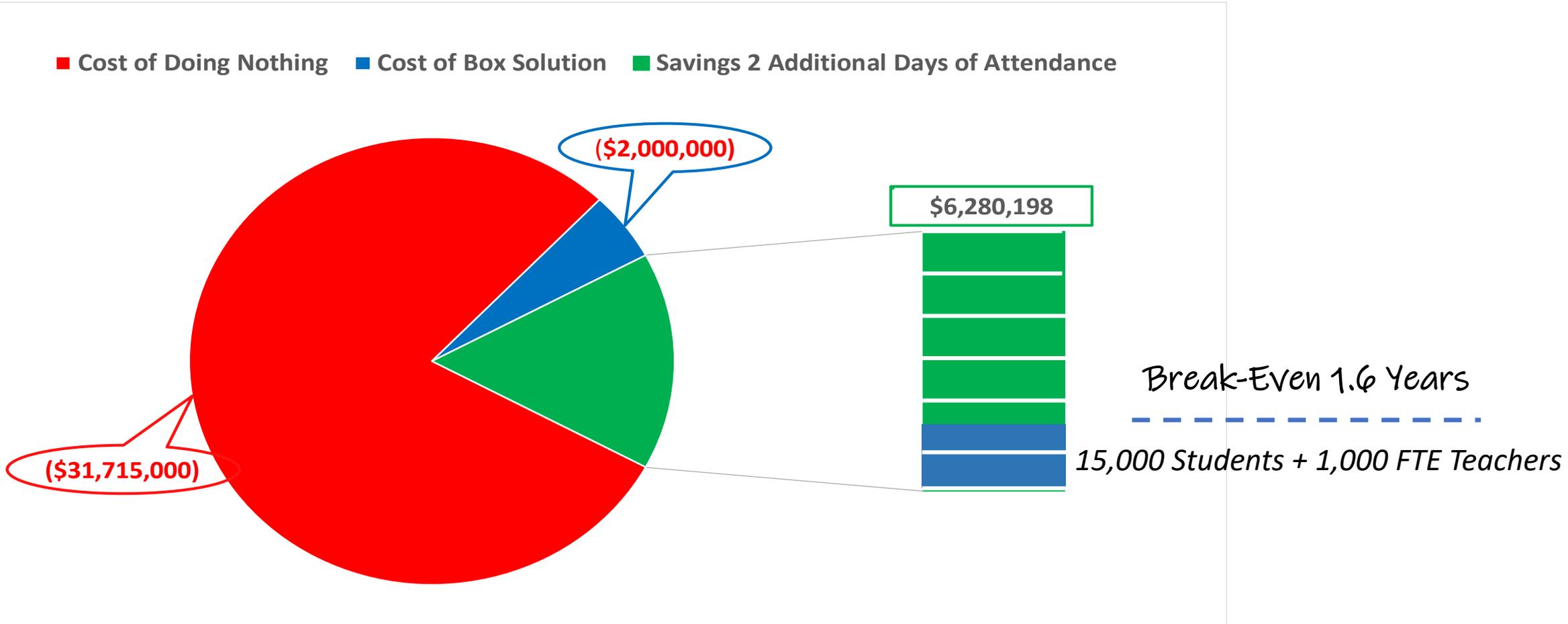


SAVINGS FOR IMPROVING ATTENDANCE

15,000 STUDENTS K-12 AND 1,000 FTE TEACHERS



SUMMARY OF BOX SOLUTION YRS 1-5

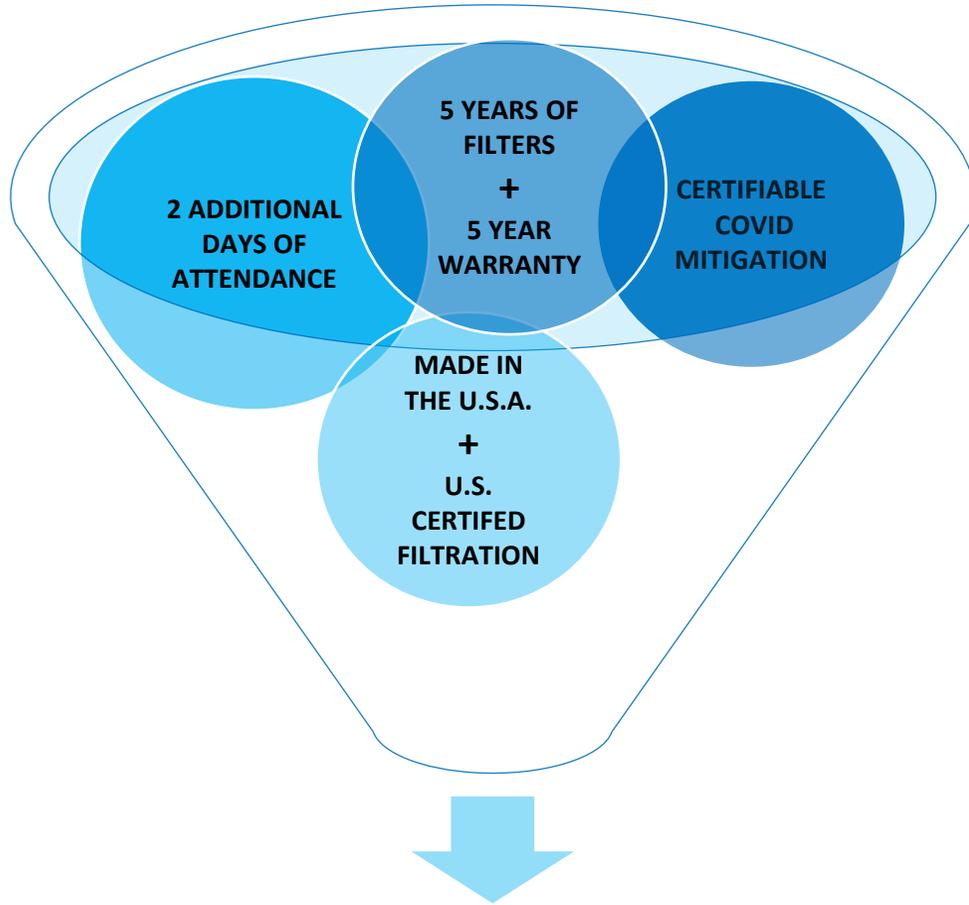


Savings- Additional 2 Days of Attendance (Teachers + Students)	\$6,280,198
Cost of Box Solution Yrs 1-5 (Filters and MSRP)	(\$2,000,000)

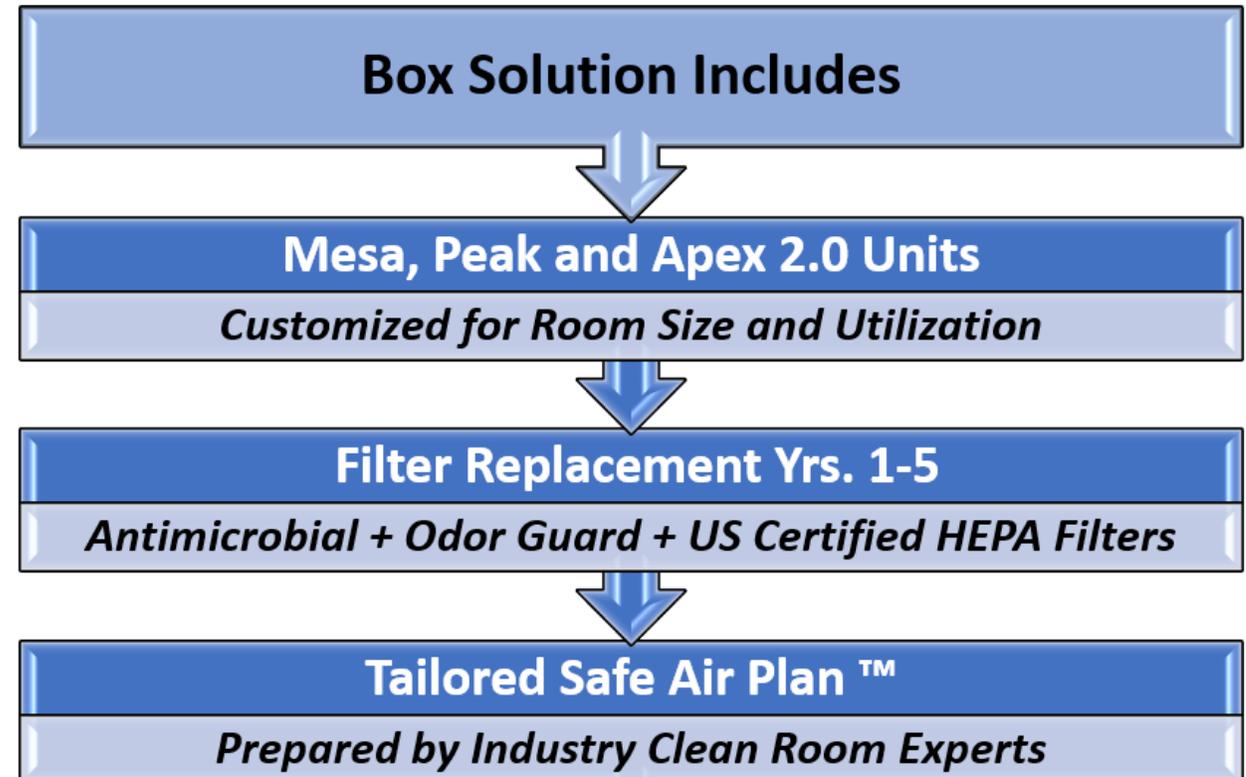
Box Solution Net Savings
\$4,280,198

BOX SOLUTION - POTENTIAL NET BENEFIT OVER 5 YRS

15,000 Students + 1,000 FTE Teachers



\$4,280,198



End of Optional Slides and Presentation