

Buttonwood, Inc dba bbtn.

Corporate Location - 7683 S.E 27th St #112, Mercer Island, WA, 98040

Contact: Daniel P. Black-Daniel.Black@bbtnusa.com-(361)-946-3078

[Read more about us on LinkedIn](#)

[Visit our website](#)

Executive Summary:

About bbtn.:

Healthcare technology and supply chain sourcing, distribution, and logistics company headquartered in Seattle, WA, with significant warehouse and distribution capabilities across the United States. Bbtn works with organizations across the healthcare buying market to provide better access to the world's most vital supplies. Bbtn supplies thousands of large healthcare buyers, public sector buyers, and individual practice buyers across the US. bbtn. is partnered and endorsed by numerous healthcare associations across the United States:

1. Hospital Association of Southern California
2. Massachusetts Health & Hospital Association
3. North Carolina Hospital Association
4. Washington Hospital Association
5. Washington Dental Association
6. Washington Medical Association
7. LeadingAge Washington
8. Washington Senior Living Association

Public Sector Focus:

Bbtn. prioritizes partnering alongside Public Sector Customers to meet unique state by state procurement requirements. The bbtn. team is experienced working with Federal, State, Local, County, Municipalities, and Public Sector Agencies of all types. We understand the challenges of procurement officers and work to ensure that we make our participation in your procurement process as easy as possible.

We focus on having private sector costs while meeting public sector requirements, and our team of experts works with you at every step to ensure that we exceed your expectations. We customize the way that your organization procures while giving access to a worldwide network of product suppliers.

Warehousing, Staging, Stockpiling:

Bttn utilizes a nationwide network of warehouses to help our customers meet the unique needs of warehousing, staging and stockpiling. If you or your organization needs access to these capabilities, please inquire with our team. Bttn utilizes 700+ warehouses to cut logistics costs and cover every major and non major city across the US.

Data Insights & E-commerce capabilities.

Bttn is uniquely positioned to provide technological solutions to all of our healthcare purchasers. Bttn. ingests huge amounts of product data across our network of 1500+ suppliers to ensure that customers are informed about the pricing, availability, and market trends in the medical supply industry. Bttn. provides reports and data visualizations to CFO's and Procurement departments across the US.

Bttn. gives individual practice buyers access to an online procurement platform, where they can ensure that they are getting immediate access to a wide selection of medical supply. Many organizations are still purchasing off Amazon and other online stores at retail costs, www.bttnusa.com gives them the opportunity to purchase at wholesale prices without the overhead.

Public Sector Success Story:

San Bernardino County Overview:

SB County was releasing an RFP to vendors across the nation to procure PPE and various medical supplies to support healthcare providers within SB County. County procurement officers are seeking medical supplies in higher quantities than ever before due to the pandemic, and most county officers for the first time. Bttn & HASC ensure that these procurement officers are taking advantage of cost savings usually reserved for large healthcare organizations and medical supply experts.

Bttn. vendors were awarded a large portion of this RFP. Top-quality medical supply and PPE was delivered in under 1 month of PO issuance, at the lowest price.

After the initial RFP was awarded, San Bernardino County came back to bttn to procure the 2nd round of PPE.

- 900,000+ hospital gowns, 4,000 boxes of nitrile gloves & 500 PAPR units.

San Bernardino county now relies on bttn. as a key partner for all of their PPE and medical supply procurement. This is not only to the benefit of SB county's cost savings and ease of use, but also to HASC, and bttn. as an endorsed partner.

Company Information:

Vendor Name: Buttonwood Inc.

Address: 7683 S.E 27th St #112 Mercer Island, WA 98040

EIN #: 86-2142025

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Air Purifier Proposal- 15705969

The proposed air purifier is the Surgically Clean Air JADE (SCA5000C) Air Purifier

Surgically Clean Air's JADE Air Purifier is a Medical Grade Air System that is One of the Most Advanced on the Market.

It is designed with premium in mind, in its beautiful contemporary styling on the outside, its sophisticated technology on the inside, and its airflow performance throughout.

Filters:

- 1) The HEPA-Rx filter needs to be changed once a year (running 24/7)
- (2) The Activated Carbon filter needs to be changed 3 times a year (running 24/7)
- (3) The Germicidal UV-C+ needs to be changed in just under one year (running 24/7)

Air Flow Performance - Engineered to maximize the air change rate by moving large volumes without the air drag that often occurs in more inferior air purifiers, Unlike those other air purifiers, the top air outlet design allows air to cascade out the top and efficiently flow throughout the room, while keeping the sound volume at an industry-leading low level (~55DB). It's as quiet as a standard household dishwasher. Household quiet, but with the strength to provide healthier air in large rooms also - which is perfectly suited for medical, commercial, or residential environments.

The JADE air purification system utilizes Surgically Clean Air's multi-stage air purifying technologies that work together to clean, purify and re-energize the indoor air. The multi stage filtration system captures dust particles, pollen, volatile organic chemicals (VOCs), mold, allergens, viruses, odors (like formaldehyde and smoke), bio-aerosols, nitrous oxide, and many other pollutants that are found in the inside air in workplaces and residences. The negative ion generator makes the indoor feel more pure, clean, and energized to help combat fatigue.

The JADE can cover up to 2000 sqft with one unit.

MSRP: \$2100.00 per unit

Our Price: \$1600.00 per unit

If this is a substantial order above 1000 units, the price will be reduced to \$1485.00



EDUCATION

 **HARVARD**
UNIVERSITY
cognitive scores **61%** HIGHER

 **BERKELEY LAB**
Bringing Science Solutions to the World up to
productivity **16%** INCREASE

**Harvard
Business
Review** productivity **\$6,500** BENEFIT
per person
Per year


SURGICALLY CLEAN AIR™

EDUCATION

Rethinking school safety



"68% of Human Diseases are related to Indoor Air Pollution"



JADE

AIR PURIFICATION SYSTEM

Robust Quality ○ High Airflow ○ Whisper Quiet

THE STAGES OF AIR PURIFICATION

1. PROPRIETARY HEPA-Rx* FILTER



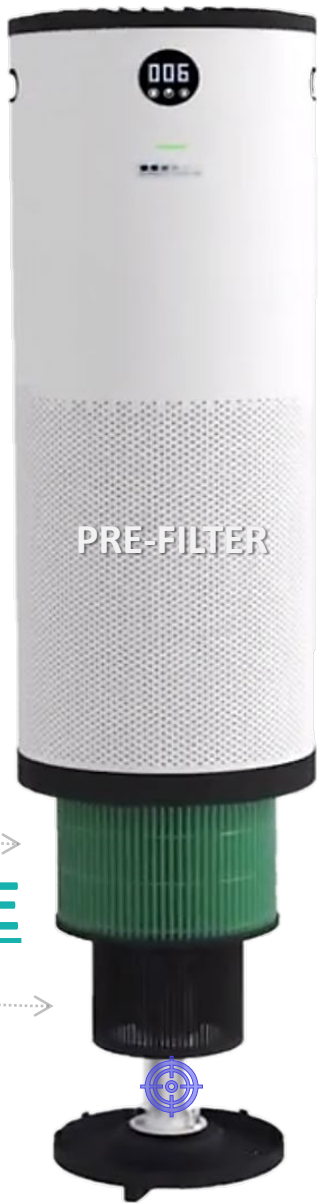
The HEPA-Rx filter captures almost 100% of the ultrafine particulates down to 0.0025 microns in size.

2. ACTIVATED CARBON FILTERTER



The activated carbon filter absorbs VOCs (Volatile Organic Compounds) - noxious odours, chemicals and gases.

CAPTURE



Robust Quality

ROBUST TECHNOLOGIES

3. GERMICIDAL UV-C+

The high intensity Germicidal UV-C+ ruptures the DNA of viruses and bacteria, effectively destroying them.



DESTRUCTION

4. TiO2 CATALYST

The Titanium Dioxide Catalyst adds more energy to the intensity of the Germicidal UV-C+ light. Electrons are then released at the catalyst surface. These electrons interact with water molecules and create Hydroxyl Radicals. This stage is sometimes referred to as photocatalytic oxidation.

WE DON'T JUST FILTER POLLUTANTS
WE DESTROY THEM.

JADE

AIR PURIFICATION SYSTEM



SURGICALLY CLEAN AIR™

THE STAGES OF AIR PURIFICATION

RE-ENERGIZE

5. HYDROXYL RADICALS

Hydroxyl Radicals are released into the air and further attack pollutant molecules, breaking apart their chemical bonds rendering them harmless. **It's like 'hand sanitizer for the air'.**

6. REVITALIZING NEGATIVE ION CHAMBER

Before the pure, clean air is circulated back into the room, the air is revitalized with negative ions.

Studies have shown that Negative ions increase the flow of oxygen to the brain; resulting in higher alertness, decreased drowsiness and more mental energy.



Robust Quality

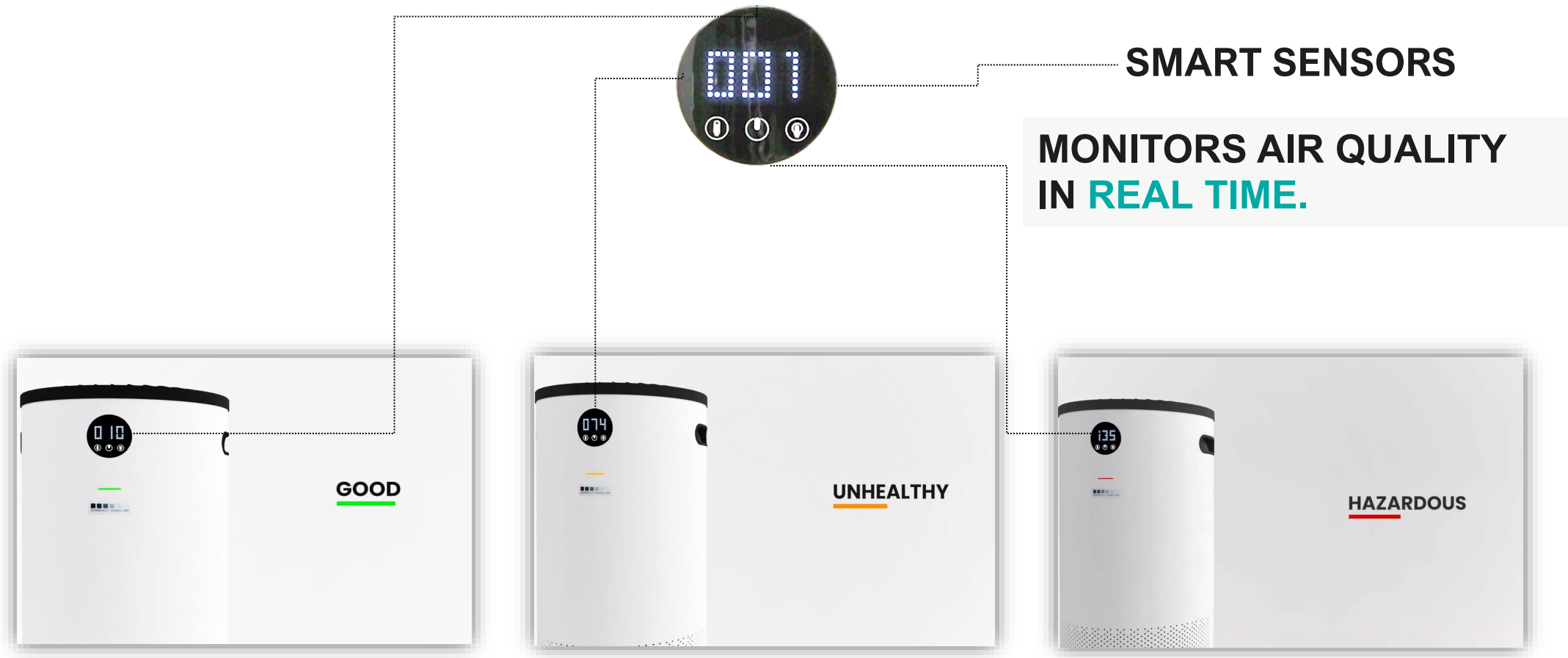
The **JADE Air Purifier** can remove almost **100%** of Air Pollutants, Viruses, Bacteria & Fungus present in indoor air.

JADE

AIR PURIFICATION SYSTEM



SURGICALLY CLEAN AIR™



68% of Human Diseases are related to Indoor Air Pollution

JADE

AIR PURIFICATION SYSTEM

Dimensions:

Weight:

Sound Level:

Technologies:

- Pre-Filter
- Ultrafine Particulate Filter (HEPA-Rx)
- Activate Carbon Filter
- Germicidal UV-C+ Bulbs
- Hydroxyl Radical Reactivity Chamber
- Revitalizing Chamber

Delivered Air Flow:

Air Quality Sensors:

Control Panel:

Specifications:

(D) 12in x (H) 33.5 in
(D) 30.5cm x (H) 85cm

30.6lbs | 13.9kgs

Low: <30dB (A) | High: 55dB (A)

Yes

Yes

Yes

Yes

Yes (Permanent)

Yes (Permanent)

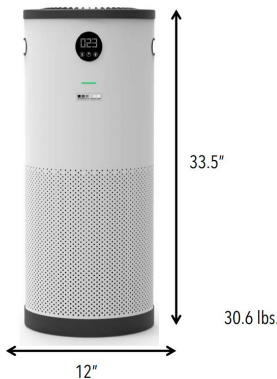
CFM: 153 | 230 | 312 | 406

Yes

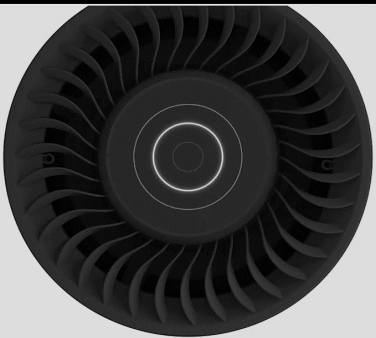
Hand Wave Sensor

Prevent Cross-Contamination

The hand wave sensor makes it easy to control the settings of the **JADE** without ever having to touch it.

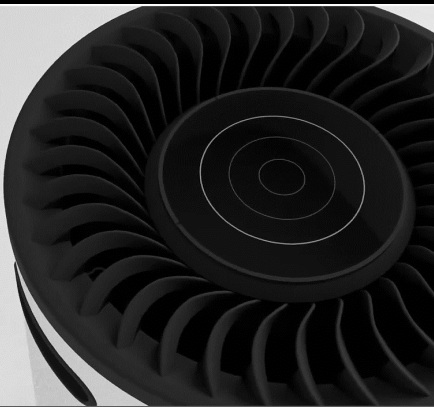


ROBUST TECHNOLOGIES



WHISPER QUIET

Sound dampening design allows system to operate at less than 50 dB.



MOVES A LOT OF AIR

Easily cleans large workplaces.

One of the World's Most Advanced Standalone Medical Grade Air Purifiers.

JADE

AIR PURIFICATION SYSTEM



**ITS LIKE HAND
SANITIZER
FOR YOUR
INDOOR AIR**

HEPA Rx FILTER:

Replace Every **4700** Hours



HEPA-Rx
FILTER

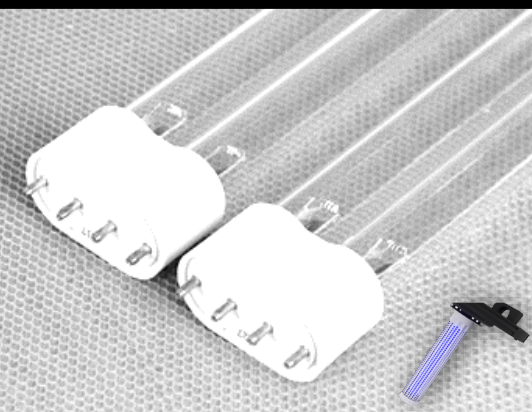
CARBON FILTER:

Replace Every **2700** Hours

ACTIVATED
CARBON
FILTER

Germicidal UV-C+ Bulbs

Replace Every **8700** Hours



Annual Maintenance

Average **\$300**



SURGICALLY CLEAN AIR™

The next slide will illustrate some of the many higher education institutions who have adopted the JADE:



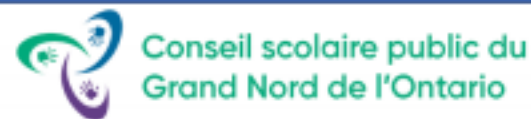
Tufts
UNIVERSITY



M MARSHALL
UNIVERSITY



EDUCATION



The next slide is a
FAQ's sheet answering many
questions about the JADE:

JADE FAQ | SURGICALLY CLEAN AIR

Q – What technologies are utilized in Jade?

A – There are six stages of technology used in the Jade Air Purifier.

- 1 The pre-filter filters large visible and invisible particles
- 2 The HEPA Rx filters 99.998 to 0.1 microns in size. .1 microns is 10 millionth of a meter or 1/250,000 of an inch
- 3 The activated carbon filter absorbs odors, chemicals and gases.
- 4/5 The photo-catalytic stage/UV kill chamber breaks down residue from destroyed organic VOC's, bacterial and viral organisms. disables the DNA of viruses and bacteria.
5. Before the pure, clean air is circulated back into the room, the air is revitalized with negative ions. Negative ions increase the flow of oxygen to the brain; resulting in higher alertness, decreased drowsiness and more mental energy.

Q – How much electricity does a Jade Air Purifier use?

A – In keeping with our low running cost principles; the Jade air purifier is equivalent to running a 60W light bulb.

Q – How many square feet does the Jade clean?

A – This is the most commonly asked question and it is the answer that can be most misleading. Almost all air cleaning companies quote the square footage coverage based on 1ACH (Air Change per hour) running the unit on the MAX speed. MAX is almost always far too loud and 1ACH is not enough air turns especially if virus filtration is your main concern. CDC (The center for Disease Control) recommends 6 ACH. The chart below gives you the real coverage of Jade.

Jade		1 ACH	2 ACH	3 ACH	4 ACH	5 ACH	6 ACH	10 ACH
SPEED	CFM							
1	153	1148	574	383	287	230	191	115
2	229	1718	859	573	429	344	286	172
3	312	2340	1170	780	585	468	390	234
4	406	3045	1523	1015	761	609	508	305

Q – Will a Jade alter the temperature of my indoor environment?

A – Not directly, as a Jade has no heating or cooling components. It does however circulate the air within a room which can have some indirect positive effects on indoor air temperature.

Q – Will the Jade alter the humidity of my indoor environment?

A – Not directly as a Jade Purifier has no water connected to it. It does however circulate the air within a room which can have some indirect positive effects on humidity.

Q – Are Jade purifiers safety certified?

A – All Surgically Clean Air Purifiers are independently lab tested and certified to be in compliance with UL standard 867 and CSA standard C22.2 No. 187-M1986 by ETL and bears The ETL and CETL mark.

Q – Which speed should run my Jade?

A – The more air that you move through the Jade the more you clean the air. Therefore, you should adjust the air flow based on the level of cleaning you desire. The higher the airflow the “cleaner” your indoor air will be.

Q – How will I know if my Jade is actually removing harmful contaminants?

A – Air purification is generally an invisible operation. That said, our clients tell us that they notice the difference once they install a Jade Purifier. They find the air to be fresher and lighter, they feel more energized, and they see less dust on furniture, floors and fixtures and they get sick far less often. You will also notice how well it is working when you clean the pre-filter which is often black with dirt even from rooms whose air looks relatively clean. The real time IAQ monitor and VOC monitor will also provide you peace of mind knowing the Jade is performing at its best.

Q – Do Jade’s produce or introduce anything that can be considered harmful to your health?

A – No. All Surgically Clean Air Purifiers are designed to clean indoor air safely.

Q – Why do Surgically Clean Air Purifiers have a Negative Ion function

A – According to Columbia University, studies of people with winter and chronic depression that were placed in air with a higher concentration of negative ions show that the negative ions helped relieve their depression as much as antidepressants, without the side effects associated with taking drugs. Today, general scientific understanding suggests that negative ions increase the flow of oxygen to the brain which results in more mental energy, decreased drowsiness and higher mental alertness.

Q – I see air purifiers selling for a lot less than a Jade unit, what is the difference between them and a Jade?

A – The cheaper the unit the less sophisticated a filtration system it has and the less air flow movement it creates. The combination of these two results in drastically reduced air cleaning efficiency. Other major issues with low-cost units are increased noise, reduced reliability, Fewer technologies, higher operating costs, difficulties in finding replacement filters, in summary you get what you pay for. Use the chart below when comparing Jade vs other Air cleaners

21 Reasons to say “YES” to JADE	Jade	vs	
Prefilter	Yes		
Filter Efficiency Rating	99.998% @.1 micron		
Available Filter Rating Test	Yes		
Carbon Filter	Yes		
UVC (254nm)	10 WATT		
Available Verified Virus Kill Test	Yes		
TiO ²	Yes		
Negative Ions	Yes		
Available Verified CFM Test	Yes		
Five Speeds	Yes		
Speed 1 153 CFM <30db			
Speed 2 229 CFM <50db			
Speed 3 312 CFM <55db			
Speed 4 406 CFM <60db			
Speed 5 Auto Depends on IAQ			
Available Auto Speed	Yes		
Filter Replacement Indicator	Yes		
Real Time IAQ Monitor	Yes		
Real Time VOC Monitor	Yes		
Cold Rolled Steel Construction	Yes		
Touchless "Wave" Technology	Yes		
Sleep Dimmer	Yes		
Lockable Speed	Yes		
Inexpensive Consumables	Yes		
On-line Filter Ordering System	Yes		
"No Tools" Filter Replacement	Yes		
	21/21		/21

Q – Can I leave my Jade on all the time?

A – Yes! Jade units are designed and built for continuous use to keep continuously cleaning the air. We encourage customers to leave one of their air cleaners on at all times. Extra units can be turned off at night to save on filter replacement

Q – How much noise does a Jade create?

A – The Jade Air Purifier is one of the quietest Medical and Commercial Grade systems on the market today. Our unique Sound Dampening Design allows a Jade unit to move a large capacity air flow at whisper quiet levels. (55db is the equivalent to a dishwasher)

Speed 1	153 CFM <30db
Speed 2	229 CFM <50db
Speed 3	312 CFM <55db
Speed 4	406 CFM <60db

Q – Is it difficult to change the filters on a Jade unit?

A – Changing the filters on a Jade Purifier is very easy. No tools are required, and the unit will notify you when attention is needed. It takes less than 2 minutes to change the Carbon, HEPA Rx or UV. Go to our YouTube channel for a video explanation.

<https://www.youtube.com/user/SurgicallyCleanAir>

Q – How expensive are the filters and UV Bulbs?

A – All Surgically Clean Air Purifiers are designed to be very easy and inexpensive to maintain. They can be purchased from your local dealer or online by visiting

<https://surgicallycleanair.com/>

Q – When do I need to clean and change the filters?

A – All Surgically Clean Air Purifiers have indicators on the control panel, and these are explained in the user manual on Page 13.

<https://surgicallycleanair.com/wp-content/uploads/2020/04/SCA-Operation-Manual-JADE.pdf>

Q – Do Jade Air Purifiers emit ozone?

A – No! In fact, indoor ozone levels are actually reduced when operating a Jade Purifier because of the sophisticated technologies contained within our unique 6-Stage Filtration process. Jade passed the strictest ozone test in the world making it suitable for use in California.

Q – What does the number on the front of the machine mean?

A – The number on the front display is measuring micrograms of PM2.5 per cubic meter. A reading of '000' is excellent. You may notice it spike up to 1 or more now and then depending on activities going on around the unit. For example, in a high traffic area this can reach in the 20's or higher. For a detailed explanation of what PM2.5 is please see the following link: <https://www.epa.gov/pm-pollution/particulate-matter-pm-basics>

Further, please note that a reading of '000' does not mean there is no PM2.5 or that the system is not functioning correctly. It means that the current level of PM 2.5 is below 1 microgram per cubic meter – and this is a good thing. Most often when the unit is displaying '000' the actual level is around 0.3 to 0.4 micrograms per cubic meter. Our unit cannot display decimal points - Example – '000.03' so it rounds the value up or down to the nearest whole number.

Q – What does the color on the front of the machine mean?

A – When the unit displays orange or red it means that it is either sensing a spike in VOC's (Volatile Organic Compounds) in the area or a spike in particulate (aerosols), whichever it is sensing as highest.

In a dental setting most often this is from cleaning supplies (wipes) or other disinfectants which linger in the air or aerosols from dental procedures. It will change back to green when the VOC or particulate levels return to normal. DO NOT BE ALARMED BY THE COLOUR CHANGE. THE UNIT WILL EVENTUALLY RETURN TO GREEN ONCE THE VOC'S OR PARTICULATE HAS BEEN CLEARED.



Daniel P. Black
7683 S.E 27th St #112
Mercer Island, WA 98040
Buttonwood Inc.

Dear Daniel,

As requested please find a list of some of our school clients. We are currently serving hundreds of schools across North America and reporting that in and every single case we have received zero negative comments or concerns. Our superior technology that also supports customers like the Navy Seals, FBI, LockHeed Martin and even the White House all would give glowing reviews.

Clients of Interest:

- 1) Northeastern University - Over 1000 units and reporting the lowest case count of Covid-19 of any university on the Eastern Seaboard. Now advancing the program to all affiliated schools.
- 2) Walter Reed Hospital - Over 100 units protecting patients and staff in a very high profile environment. Including President Trump back in October.
- 3) Numerous School boards in Ontario Canada including Renfrew, Sudbury, Milton with over 3000 units.
- 4) CIBC Bank , Global initiative and have placed units in 12 countries around the world.

Education has been a strong vertical for us from daycare's all the way through Universities and Colleges. I have also attached a slide showing a portion of our incredible portfolio of educational clients.

Share with your customers our other websites to give additional credibility to all the other verticals we serve. In are a strong recognized entity in the Air Purification Sector. 15 years experience giving the same attention to a single dentist or to that of a Fortune 500 company.

- 1) www.quartzair.com
- 2) www.scadental.com
- 3) www.surgicallycleanair.com
- 4) www.ecoair.net

Sincerely

David B. MacAleese
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