

# Choose the world's most-powerful air disinfecting and purification system and feel better with every breath.

Disinfecting Filtration System ("DFS") Technology & COVID-19: DFS technology is laboratory-proven to remove from the air a proxy virus for SARS-CoV-2 (RNA virus MS2), with 99.987% elimination in just 10 minutes and 100% elimination in just 45 minutes!

## Viruses are tough. DFS technology is tougher.

This unparalleled efficiency is the result of the patented Disinfecting Filtration System ("DFS") technology, which traps microorganisms for continuous germicidal exposure. This unique technology eliminates 99.99% of harmful microorganisms as small as 0.007 micron -- that's **40X more powerful than HEPA filtration** and without a doubt the cleanest indoor air you could provide.

Originally developed through a U.S. military grant to fight germ warfare, DFS technology is the gold standard when it comes to protecting you from airborne viruses, bacteria, allergens, gases and volatile organic compounds.

## Innovative brands choose DFS technology.

DFS technology is leading the charge in air purification, but don't take just our word for it. From Hyatt to Hilton, from BMW to the Cleveland Clinic, renowned brands around the world place their trust in DFS technology to clear the air and keep them healthy and safe.



DFS

HEPA



**HEPA:** Limited microorganism capture and VOC removal  
**DFS:** Eliminates 99.99% of harmful microorganisms, VOCs & ultrafine particles as small as 0.007 microns, which is smaller in size than all known ultrafine virus particles -- **including COVID-19.**



# DFS Deluxe | Medical-Grade Air Purification System

Originally developed through a U.S. military grant to fight germ warfare, the medical-grade DFS technology is the only technology to effectively address all three pollutant categories: microorganisms, ultrafine particles & VOCs. DFS technology has been proven to eliminate 99.99% of all particles as small as 0.007 micron in size, which is smaller in size than all known ultrafine virus particles -- **including COVID-19**. DFS technology is currently used in hospitals, medical clean rooms, government buildings and military applications.



## FEATURES

Unmatched particle efficiency: 99.99% eliminated at 0.007 micron.

Patented 9-stage disinfecting and purification technology

This revolutionary technology reduces bioburden and inhibits microorganism growth through microbiostatic condition

Independently tested and verified to guarantee better-than-HEPA efficiency

CE, UL, CSA and ISO listed

## SPECIFICATIONS

Dimensions (inches) 15 w x 16 d x 27 h

Weight 36lbs (16.3kg)

| Blower Speed | Energy Usage (Watts) | Air Flow (cfm) | dBA |
|--------------|----------------------|----------------|-----|
| Low          | 14                   | 90             | 37  |
| Med          | 22                   | 125            | 42  |
| High         | 36                   | 160            | 49  |
| Turbo        | 76                   | 250            | 59  |

### A 7-Stage Super Adsorbent Pre-Filter

**Stage 1** - Polypropylene Mesh: Collects large particles such as dust, hair and lint

**Stage 2** - Antimicrobial: Inhibits bacterial growth in filter

**Stage 3** - Zeolite Pellets: VOC/Gas Adsorbent.

**Stage 4** - Carbon Pellets: VOC/Gas Adsorbent.

**Stage 5** - Potassium Permanganate: VOC/Gas Oxidizer

**Stage 6** - Anti-Microbial: Inhibits bacterial growth in filter

**Stage 7** - Polypropylene Mesh: Collects large particles such as dust, hair and lint

### B 360° Air Intake

Allows placement anywhere, assuring full room treatment

### C Dual Air Intake Blower (not in view)

Drives a consistent volume of air and provides ultra-quiet operation

### D Sealed Filtration Chamber (not in view)

Air is treated in a 100% sealed chamber

### E DFS Germicidal Technology

**Stage 8** - 16-18kv of energy captures up to 100% of microorganisms such as mold, bacteria, fungi & viruses

### F Disinfecting Filtration System (Main Filter)

**Stage 9** - Better than 99.99% particle reduction at 0.007 microns

40x more powerful than HEPA filters

Traps microorganisms and inhibits growth through microbiostatic condition

### G Touchless Electronic Control Panel

light Indicates when to replace main filter

Bio-monitor light shows DFS Germ Control is working efficiently

Convenient 4-speed control including Turbo

Low speed whisper-quiet air flow control

### H Pure, Fresh Air 365 days a year

