



NATIONAL DENTAL INNOVATIONS



Next Generation Dental Air Purification System

Ultrafines Protection 40x Beyond HEPA



OP Deluxe

PROFESSIONAL 9-STAGE
DFS AIR PURIFICATION SYSTEM

OP Deluxe Professional 9-Stage DFS Air Purification System

Utilizing technology developed through a United States Military Grant focused on germ warfare, the professional line of air cleaning by HealthWay is the only system to effectively address all three pollutant categories. The system has been proven to capture 99.99% of all particles as small as .007 micron in size. The heavy duty commercial-grade gas and odor filter eliminates most gases found in dental offices and the patented DFS technology removes near 100% of harmful viruses, molds, and bacteria, leaving nothing but fresh, pure, healthy air. This technology is specially suited for the dental clinic environment and is also used in hospitals, medical clean rooms, government buildings, and military applications.



FEATURES

Particle efficiency - 99.99% at 0.007 micron

9-stage VOC adsorption filter for heavy removal of harmful gases and odors

This revolutionary technology reduces bioburden and inhibits microorganism growth through Microbiostasis 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)	high med low
Power Consumption (Watts)	125 75 65
CFM (Cubic Feet/Minute)	250 125 85
Operation noise (dB)	58 51 45

A 7-Stage Pre-Filter

Stage 1 - Poly Propylene Mesh: Large particle collector of dust, hair and lint

Stage 2 - Anti-Microbial: 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 - Poly Propylene Mesh: Large particle collector of 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)

All incoming air is treated in a 100% sealed chamber

E DFS Germicidal Technology

Stage 8 - Captures dust, mold, pollen, dust mite, dander and removes up to 100% of these captured contaminants

F Disinfecting Filtration System (Main Filter)

Stage 9 - Better than 99.99% particle reduction at 0.3 micron

4 times better loading capacity than HEPA approved rate

Traps microorganisms and inhibits growth through microbiostasis condition

G Electronic Control Panel

light Indicates when to replace main filter

Bio-monitor light shows DFS Germ Control is working efficiently

Convenient 3-speed control

Low speed ultra-quiet air flow control

H Clean Fresh Air 365 days a year



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