



## Mechanical Division

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New England Master Distributor



# 2000 SC

SELF CONTAINED DFS  
AIR CLEANING SYSTEM



# 2000 SC Self Contained DFS Air Cleaning System

HealthWay's DFS Technology (Disinfecting Filtration System) surpasses all other types of filtration. This revolutionary technology traps microorganisms such as bacteria, mold and viruses, reduces bioburden and inhibits microorganism's growth through Microbiostatic condition, resulting in the most powerful indoor air purification in the world.



## SPECIFICATIONS

- Pre-drilled standing flanges to accommodate attachment to other system components
- Dual access door, swing-open type for filter service from either side
- High-memory sponge neoprene door gaskets to ensure door to filter seal
- Aluminum filter track design for 4" standard pre-filter and a track for High Energy Grid Frame
- A polypropylene fin seal on the main filter track to eliminate filter air bypass leakage

## DIMENSIONS

**Height** – 26.125" (664 mm)

**Width** – 26.25" (667 mm)

**Depth** – 32.125" (816 mm)

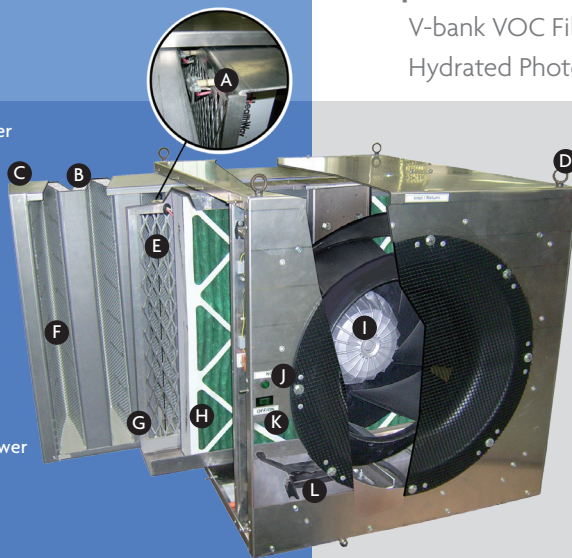
## WEIGHT

153lbs (69.3kg)

## FEATURES

- **High Air Flow Capacity** – Delivers high CFM with low energy consumption
- **Modular Design** – Allows for stacking of modules to meet any air flow capacity. Single Module capacity is 2000 CFM – Nominal flow.
- **99.99% Filtration Efficiency** – Down to a size of 0.007 microns
- **Self-Contained Design** – results in no pressure drop when installed on the Air handling unit
- **Independent Air flow/Distribution Control** – to facilitate Installation anywhere in the space
- **Patented V-Bank Filter** – increases surface area and provides higher dust loading capacity
- **Three times longer filter span** – compared to conventional HEPA Filtration – Lower Maintenance Cost
- **Housing Design** – provides a 100 % seal around the filter
- **Ease of Maintenance** – Filter access from either side
- **Seamless Integration** with Building Management System
- **Auto-Flow Monitoring** option to allow completely automated flow monitoring and filter replacement
- **Optional**
  - V-bank VOC Filter (70 lbs – Adsorbent Blend)
  - Hydrated Photo Catalytic Oxidation (HPCO) Odor-TVOC Cartridge

- A** High Energy Wire Retainer
- B** Pleated
- C** High Capacity V-Bank Main Filter
- D** Mounting Loops (4)
- E** High Energy Wires
- F** Energy Transfer Grid
- G** Ground Control Grid
- H** High Capacity Prefilter
- I** Sealed High Pressure Blower
- J** Operating Light
- K** On / Off Power Switch
- L** Filter Seal Adjusters (2)



DFS 2000-SC / Power Requirements Per System

60 /50Hz	60 /50Hz	60 /50Hz	60 /50Hz	60 /50Hz
2000SC-120-1A CFM-1500	2000SC-120-1B CFM-2000	2000SC-220-1 CFM-2000	2000SC-220-3 CFM-2000	2000SC-440-3 CFM-2000
5.4A / 4.9A	15.2A / 14.5A	7.6A / 6.8A	4.3A / 3.8A	2.6A / 2.1A
648W / 588W	1824W / 1740W	1672W / 1517W	990W / 874W	1144W / 924W