



## MOVING SCHOOL BACK TO THE CLASSROOM



## **STUDENT HEALTH** is

of primary concern in our local schools. Improving the indoor air quality of our schools with an easy, safe, and portable solution will go a long way to return to normal by reducing the chances of harmful contaminants in the classroom's air.

## Air-Care's Bio Air Scrubber

- **HEPA Filtration:** of 99.97% at .3 microns
- Portability: four swivel casters allows easy movement between classrooms or between events
- 4 Stages of Filtration:
  - 1. Two Stage Pre-Filter, antimicrobial MERV 8
  - 2. 4" HEPA Filter
  - 3. Dual EPA Registered UVC Germicidal Lamps
- Sound Level: Whisper Quiet, Only 47 db

Offices - Warehouses - Hospitals - Museums - Libraries





The Bio Air Scrubber™ circulates ambient air through its filter system, 4 layers including a HEPA final stage filter, and exhausts clean air back into the environment. Think of it as a REALLY BIG air purifier.

The unit is small enough to be placed inconspicuously in a corner of a room, or besides a piece of furniture in a library, and is quiet enough to not hinder room conversation.

POWER: 120 volts, 60 Hz, 205 Watts, 25' Power Cord

**SOUND LEVEL:** 47 db Whisper Quiet (measured 5ft from the unit)

**BLOWER:** 1200 CFM\*

**UV LIGHTS:** Two UVC Germicidal Dual EPA Registered

UV Lights (Total 50w)\*\*

**FILTRATION:** HEPA 99,97% at 0,3 Microns 16" X 19" X 2,5"

**PRE-FILTER:** Electrostatic, EPA Registered Antimicrobial

MERV 8

**OPERATING SPEED:** Dual

**LED LIGHT:** HEPA Filter Change Indicator

WEIGHT: 100 lbs. on 4 Locking Swivel Casters

DIMENSIONS: 21" Wide x 31.5" Tall x 21" Long

PART NUMBER: FG0268

\*Free Air \*\*E.P.A. Registration Numbers: 96893-NV-1, 96893-NV-2

## Air Exchange based on room size

The size and number of machines depends on the volume of the space being cleaned as well as how many Air Changes per Hour (ACH) are required by local regulation. As a starting point, calculate the square footage of the room or rooms, multiply by the ceiling height. It is generally recommended to have 3 to 4 air changes per hour in occupied areas

**EXTRA LARGE ROOMS** 30' X 40' X 8' = 9600 CUBIC FEET

= 3 EXCHANGES OF AIR PER HOUR

**LARGE ROOMS** 20' X 40' X 8' = 6400 CUBIC FEET

= 4 EXCHANGES OF AIR PER HOUR

**MEDIUM ROOMS** 20' X 20' X 8' = 3200 CUBIC FEET

= 8 EXCHANGES OF AIR PER HOUR

**SMALL ROOMS** 10' X 10' X 8' = 800 CUBIC FEET

= 32 EXCHANGES OF AIR PER HOUR



Dual EPA Registered UV-C Lights





