



# HATFIELD AND COMPANY

## Portable Air Purifying Systems

### APPLICATIONS

OFFICE SPACES

CHURCHES

HOSPITALS

UNIVERSITIES

CLEAN ROOMS

CONTROL ROOMS

PUBLIC/PRIVATE SCHOOLS

### Specifications



- Industry leading technology utilizing UV-C lighting for its germ killing properties. UV-C alters RNA/DNA structure of pathogens and can kill airborne flu viruses.
- HEPA Air Filtration
  - High efficiency particulate air filters
  - Designed to trap 99.99% of particulates that are 0.3 micron or greater.
- Each unit utilizes a 120V - 10 amp plug that is compatible with standard wall receptacles. The compact design is perfect for all spaces. Capable of 200-1,600 CFM with variable speed capability for versatility.
- 1/2 hp- high performance/low energy consumption ECM fan. 254 nm wave length UV-C wave length 3,800  $\mu\text{W}/\text{cm}^2$  irradiation. Quiet operation with noise levels as low as 40dBA.

[www.hatfieldandcompany.com](http://www.hatfieldandcompany.com)

281-893-8870

\*Reference ASHRAE Standard 62.1-2013 - Ventilation for Acceptable Indoor Air Quality

\*\*Max Protection - Based on CDC's ACH Guidelines for Hospitals and Patient Care Facilities

<b>ACH</b> (Air Changes per Hour)	<b>Cubic Feet</b> (total volume of air)	<b>Sq. Ft.</b> (Based on 8ft Ceiling Height)	<b>Time (Mins.)</b> (to remove airborne contaminants at 99% efficiency)	<b>Applications</b>
*2	60,000	7,200	138	Child Care Centers Public Schools Senior Living Centers Nursing Homes/Assisted Living Clinics Doctor Offices Restaurants/Bars Coffee Shops Hotels Offices Fitness Centers Gymnasiums Government Buildings Correctional Facilities Grocery Stores Retail Establishments Theaters/Auditoriums Entertainment Centers Museum/Art Centers
*4	30,000	3,600	69	
*6	20,000	2,400	46	
*8	15,000	1,800	35	
**10	12,000	1,440	28	Food Prep/Kitchen
**12	10,000	1,200	23	Airborne Infection Isolation Room
**15	8,000	960	18	Surgery Rooms

