

# T.R.A.C.S. Total Room Air Cleaning System

Pyramid Air Solutions introduces the most versatile and effective residential and commercial air cleaner on the market today. Based on the same technology used in hospitals across the world for high risk infection control, T.R.A.C.S. (Total Room Air Cleaning System) is a Germicidal TRACS multistage air cleaner combining Certified HEPA filtration, high dosage Ultraviolet lamps, and Activated carbon. Designed for quiet operation and easy, low-cost maintenance, changes the way you live and breathe in your home and office.



Removes dust, pet dander, allergens, and mold that cause respiratory ailments

## SPECIFICATIONS

### DIMENSIONS AND WEIGHT

15W x 15D x 22"H, 50 lbs.

### AIR FLOW

Full Variable Speed Control, 350 cfm on High

### ELECTRICAL

115V/60Hz @ 1.0 amp or 220V/50Hz @ .5 amps

### TECHNOLOGY

#### Filters

**PREFILTER:** Carbon pack with 3.5 lb. of activated carbon and zeolite

**HEPA FILTER:** 14 x 14 x 3 5/8", certified as 99.99% efficient @ .3 microns

**POSTFILTERS:** 14 x 4 x 3/4" Carbon Pads

#### Ultraviolet Germicidal Irradiation

**QUANTITY:** Three 9W UV lamps

**LOCATION:** Radiating on the HEPA inlet

**UV DOSAGE:** 18,415 micro-watt sec/cm<sup>2</sup>

### CONSTRUCTION

Heavy Duty 20 gauge steel cabinet on four durable 2" hooded casters, with convenient panel access to all replacement parts. All UV is safely contained within the unit and all wiring is shielded by internal metal. Standard powder coating is Black, White or Sandstone.

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**CERTIFIED HEPA FILTRATION:** Individually certified HEPA filter with 80 square feet of media removes airborne dust, allergens, particulate and mold with hospital grade efficiency. All filters are individually tested and certified to guarantee 99.99% efficiency at .3 microns, and they are mechanically sealed within the cabinet to prevent air bypass. This allows TRACS to operate at HEPA efficiency.

**HIGH DOSAGE UVGI :** Destroys airborne bacteria and viruses. UV lamps are also located before and continually radiating on the dirty (inlet) side of the HEPA filter. This effectively destroys trapped microorganisms and mold, which in other units can require premature filter replacement due to contamination of the HEPA media. The HEPA filter in TRACS can last up to six years.

**ACTIVATED CARBON:** Three and a half pounds of carbon and zeolite are incorporated into the prefilter to remove harmful odors, chemicals and gases. Low Prefilter costs encourage regular carbon replacement to maximize unit odor and chemical adsorption efficiency.



- ▲ **5 Stages of Air Treatment**
- ▲ **UV Radiates on Dirty Side of HEPA Filter**
- ▲ **Easy Filter and Lamp Access- No Tools Required**
- ▲ **HEPA locking system prevents air bypass**
- ▲ **Indicator Lights Monitor UV Lamps and HEPA**
- ▲ **Full Variable Speed Control Allows for Quiet Operation**
- ▲ **Separate UV On/Off Controls**
- ▲ **Three way directional intake and exhaust distributes and cleans air throughout the room**