

# T.R.A.C.S.

## Total Room Air Cleaning System

Newly revised, now introducing 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 multistage air cleaner combining Certified HEPA filtration, high dosage Ultraviolet Germicidal lamps, and Activated carbon. Designed for quiet operation and easy, low-cost maintenance, TRACS changes 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

Four Speed Keypad Control, 250 cfm on High

#### ELECTRICAL

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

#### TECHNOLOGY

##### Filters

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

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

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

##### Ultraviolet Germicidal Irradiation

QUANTITY:\*Two 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. Standard powder coating is Black, White or Sandstone.

#### 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 Pack to remove harmful Odors, chemicals, gases, and VOCs. Low Prefilter Pack costs encourage regular carbon replacement to maximize unit odor and chemical adsorption efficiency. Each unit comes with a typical



*Five Stages of Air Treatment*

*Separate UV and Fan Controls*

*Four Speed Control with new "Whisp-Air" Silent Setting*

*HEPA locking system prevents air bypass. ALL UNITS CERTIFIED FOR 99.99% EFFICIENCY*


*Indicator LEDS monitor UV Lamps and HEPA*

*Easy Filter and Lamp Access - No Tools Required*

Further information:  
**BERRIMAN ASSOCIATES**  
1-800-480-3630  
[www.berriman.com](http://www.berriman.com)

# Microprocessor Keypad for TRACS

## Total Room Air Cleaning System



**AIR SPEED FLOW CHART**

Sq. Feet	200	250	350	450
SPEED 1	3.8	3	2.1	1.7
SPEED 2	5.6	4.5	3.2	2.5
SPEED 3	7.5	6	4.3	3.3
SPEED 4	9.4	7.5	5.4	4.2

AIR CHANGES PER HOUR (approx.)

FAN

OFF


1

2

3

4

UV



REPLACE  
FILTER

●

REPLACE  
UV

●   ●

1   2

Note: The filter replacement monitor light is not activated by time in use like many other air cleaners on the market. Instead, the air resistance (pressure drop) of the main HEPA filter is measured. When the air resistance increases to the point that the HEPA filter needs replacement, the light illuminates. This unique feature is typically found on industrial air cleaning equipment.