

## The ACCU Absolute Contamination Control Units

- Designed to create negative or positive pressure zones and reduce airborne contamination.
- Unique system provides HEPA Filtration and Germicidal UV Irradiation, or Gas Phase Filtration
- Portable or stationary applications.
- Available in 400 CFM, 500 CFM, 750 CFM and 2000 CFM models.

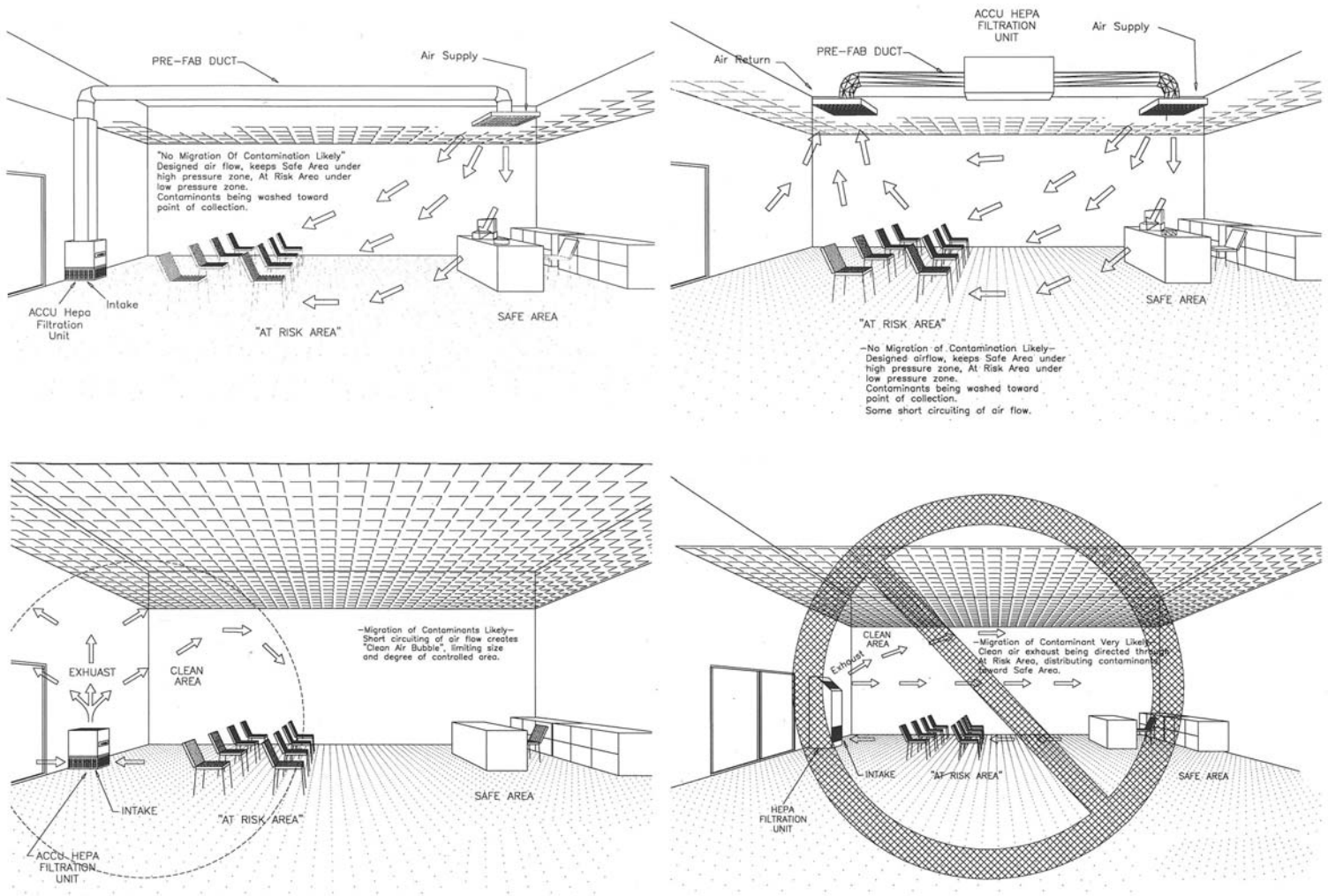
***Innovation in Air Filtration***

# TRI-DIM'S IDT ACCU (Absolute

By effectively accelerating the air exchange rate within a biohazardous area the ACCU self-contained purification unit realistically reduces microbial contamination within the area, while trapping and killing organisms within its filtration system. The air exchange rate is increased from one to several times the normal rate, depending on room size, unit size, or selected fan setting.

## Guidelines for using IDT equipment and filters for isolation areas.

**DILUTION:** One way of diluting contaminated air is through a continuous recirculation and “washing” process utilizing the ACCU unit. Contamination control is effective in an occupied area but is mostly used to decontaminate an area after the source of contamination is removed.



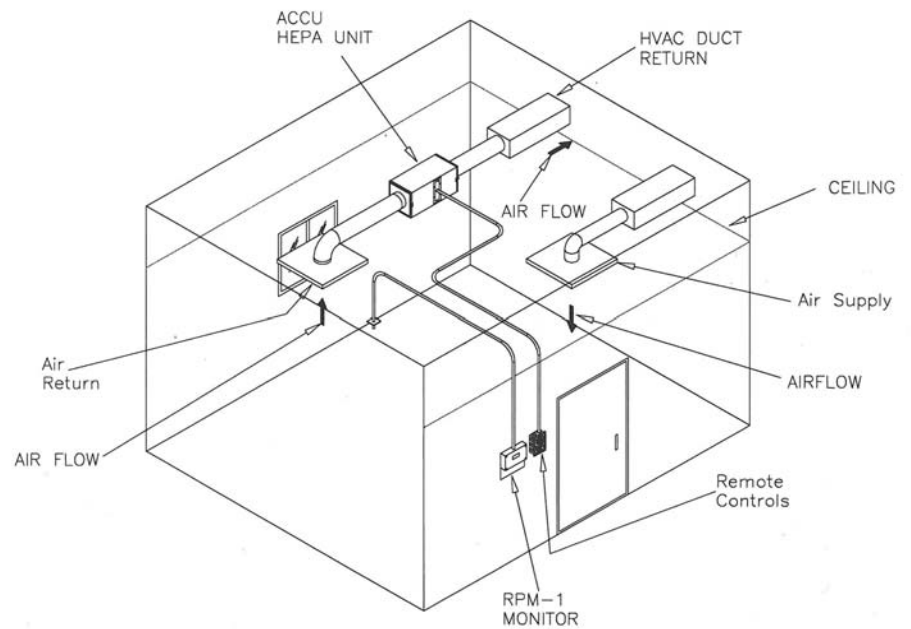
# Contamination Control Unit)

## ***NEGATIVE AIR PRESSURE***

An ACCU unit is ideally suited for creating a low pressure zone when properly placed in a contaminated environment. Air will move from the high pressure zones (outside the room) to inside the room to create a negative pressure isolation environment and prevent migration of contamination.

## ***POSITIVE AIR PRESSURE***

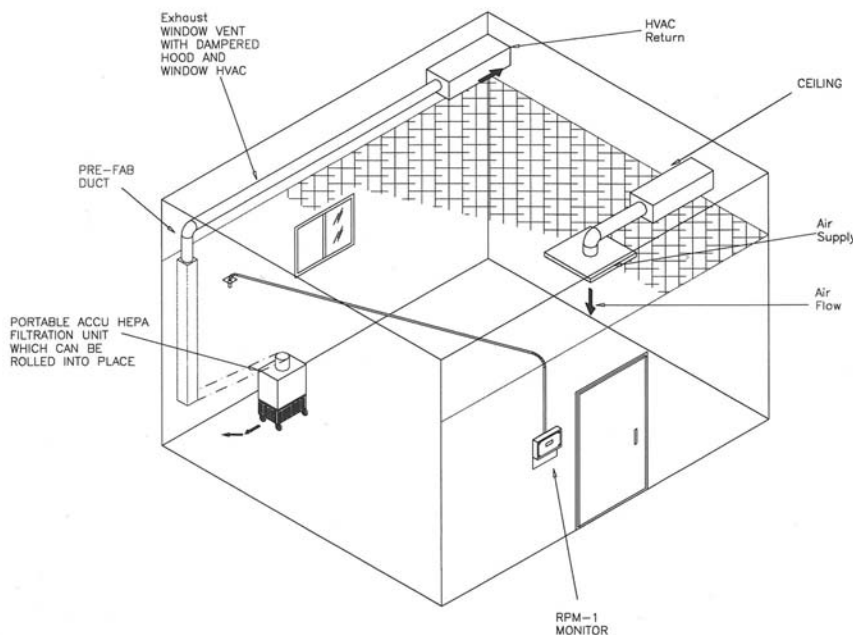
ACCU units can be used to create high pressure zones to prevent contamination from entering a “clean” environment. Air will move from the high pressure or “clean zone” to the low pressure area (outside of the room) to prevent migration of contamination.



## ***GERMICIDAL UV-C RADIATION***

Under typical indoor temperatures and relative humidity lower than 70% UV Radiation rapidly kills airborne bacteria and viruses and has been shown to have superb disinfecting action when radiation is emitted at the proper wavelength.

The ACCU unit incorporates Germicidal UV-C radiation in the short wavelength region near 254-nm. By “managing” potentially high-risk airborne pathogens, the unit will concentrate particles into its intake chamber where they will be subjected to intense short wave UV radiation.





Air Flow

# SPECIFICATIONS

## ACCU-V400/V400UV

### Absolute Contamination Control Unit

HEPA Efficiency	99.97%
Air Flow (CFM)	500-400-300
Speed Control	3-speed
Power Requirements	115/1/60
Amps	5
Dimensions (inches)	38.5H x 15W x 15L
Dimensions w/optional base	49H x 15W x 15L
Housing	Stainless Steel
Prefilter Size (inches)	1 – 14 x 14
HEPA Size (inches)	12 x 12 x 12
Weight (pounds)	80 installed

## ACCU-V500/V500UV

### Absolute Contamination Control Unit

HEPA Efficiency	99.97%
Air Flow (CFM)	500-400-300
Speed Control	3-speed
Power Requirements	115/1/60
Amps	5
Dimensions (inches)	38.5H x 15W x 15L
Housing	Stainless Steel
Prefilter Size (inches)	2 – 14 x 14
HEPA Size (inches)	12 x 12 x 12
Weight (pounds)	80 installed

## ACCU-V750/V750UV

### Absolute Contamination Control Unit

HEPA Efficiency	99.97%
Air Flow (CFM)	850-700-600
Speed Control	3-speed
Power Requirements	115/1/60
Amps	10
Dimensions (inches)	47H x 27W x 17L
Housing	Stainless Steel
Prefilter Size (inches)	2 – 16 x 25
HEPA Size (inches)	12 x 24 x 12
Weight (pounds)	130 installed



ACCU-V750 shown with intake grilles and exhaust grille



ACCU-V500 shown with intake grilles and exhaust grille

## ACCU-V2000/V2000UV

### Absolute Contamination Control Unit

HEPA Efficiency	99.97%
Air Flow (CFM)	2000-1600-1200
Speed Control	3-speed
Power Requirements	115/1/60
Amps	10
Dimensions (inches)	47H x 27W x 27L
Housing	Stainless Steel
Prefilter Size (inches)	2 – 25 x 25
HEPA Size (inches)	24 x 24 x 12
Weight (pounds)	180 installed

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### TRI-DIM FILTER CORPORATION

P.O. BOX 466 • 93 INDUSTRIAL DRIVE  
LOUISA, VA 23093

(540) 967-2600 • FAX: (540) 967-2835

EMAIL: info@tridim.com • Website: www.tridim.com  
TOLL FREE 1-800-458-9835

## Local Representation: