

CLOTHES CLEANING SYSTEMS

4475 Technology Drive Wilson, NC 27896 www.clothescleaningbooth.com E: JLeonard@pennvint.com T: +1-646-265-3826

PERSONNEL DUST DECONTAMINATION

2 DOOR, Continuous WALK-THROUGH Model CCB-02

Decrease Cycle Times, Control the Contaminated Area



How it works: Workers enter the booth from the contaminated area, cycle through the dust removal process in seconds, and exit the mine, plant.. or...into the worker rest area, changing room, or managers office...

Significant reductions in silica / toxic dust levels are achieved raising health and safety standards. The opportunity to get clean faster and easier, means workers will be less resistant to get dusty ! Improve productivity !

The 2 door entry and exit system reduces time it takes for several workers to enter and exit the cleaning cycle. As one cycle ends, the next person enters and starts the cycle without delay.

The person who exits the cleaning cycle does not need to re-contaminate themselves by returning back into the dusty environment.

THE ONLY SYSTEM DEVELOPED AND TESTED BY NIOSH (CDC)

Remove 95% of the Visible Dust From a Worker's Clothing in Seconds!

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**If you have workers in a dusty environment, you need
this clothes cleaning booth !**

PERFORMANCE

The Clothes Cleaning Booth discharges 125 cubic feet of air in 18 seconds at less than 30 psi each cleaning cycle. A 240 gallon air reservoir is recommended. The recharge time for the next cycle is dependent upon the size of your air compressor. A 25HP, 100CFM compressor will recharge the tank in approximately 25 seconds. The time required for one worker to exit the booth and the next worker to enter and start the process will determine the wait time. The intake air should be relatively clean. We can provide intake air filters and dryer and exit air dust collectors.

Options:

Skid Mounted (60" X 120")
400 Gallon Reservoir Tank
25 hp Screw Air Compressor
Dust Collector System

Integrated Refrigerated Dryer
Air Filter for Mature Plant Air Systems
Electric Exit Door Latch
Class II Div.2 Type G configuration (NEMA 4)



DUST COLLECTION

Exhaust methods

VENT TO ATMOSPHERE Many open air applications in mining, quarry etc. choose to vent simply back to the atmosphere

EXHAUST TO EXISTING DUST COLLECTION SYSTEM: The typical in plant installation will require approximately 2000 cfm of excess capacity in the existing dust collection system / baghouse.

DEDICATED DUST COLLECTION: The use of our optional Dust Collection System would be dedicated to the clothes cleaning system. A pleated filter plenum may also be an option.

Remove 95% of Dust From a Worker's Clothing in Seconds!

THE ONLY SYSTEM TESTED BY NIOSH (CDC)

- **Reduce Respirable Dust Exposure!**
- **Reduce Toxic Dust Levels in Your Plant Air!**
- **De-Contaminate Clothing!**

**INCREASE
PRODUCTIVITY**

The Clothes Cleaning System is a fast and effective way to clean a worker's dirty clothes without exposing the worker, his/her co-workers, or the work environment to elevated dust levels.

Typical Installation Includes:

- *Clothes Cleaning Booth
- *240 Gallon Air Tank
- *Blower Vented to Dust Collector
- *Compressed Air Source

Standard Voltages: 230 v 1 or 3 phase w/
neutral, 460v 3 phase, or 575v 3 phase (Specify voltage.)

Booth, Blower and Tank are available Skid
Mounted for quick mobile repositioning by fork truck.

Your local representative: