

"BOB" BLOW OFF BOOTH

Decontamination / Dust Collection Booth



Walk-Through Worker Cleaning Station

Safety First

When moving from a dusty area to a clean zone, every worker can completely decontaminate in the Blow Off Booth. The "BOB" dislodges and removes hazardous material that could potentially contaminate others in the clean environment. The high-velocity blow-off system gets even the hidden dust. The dust is then captured and filtered within the auto-clean self-contained booth. The booth can also be used to blow dust off equipment or pallets of material.

Worker Ease

The Blow Off Booth is not only effective in dislodging all the dust, it is easier on the worker than alternative vacuum approaches. The air shower is more comfortable than a suction process, and the hands-off blow-down does not require another worker to assist in vacuuming off the dust. Furthermore, the Blow Off Booth provides a quick transition to the clean zone. Within seconds, the entire body is completely clean from any harmful dust.

FILTER 1

ENGINEERED SOLUTIONS FOR INDUSTRIAL NEEDS

Step Into Powerful Cleaning

Double-Action Blower

The direct drive, backward-inclined airfoil blower delivers high velocity (10,000 FPM) for blowing off the dust and also powerful capture velocity to pull the dust into the filters.

Choice of Filters to Meet All Kinds of Needs

The Blow Off Booth features multi-stage pleated filters for most low to moderate cleaning needs, or high-efficiency self-cleaning cartridges for the most demanding applications.

For a wide range of cleaning needs, the Blow Off Booth offers multi-stage / multi-efficiency industry standard 24" x 24" x 4" pleated media filters. Secondary filters may range from activated carbon to HEPA quality, reaching up to 99.97% efficiency @ .3 microns or larger.

For extra heavy dust applications, the Blow Off Booth may be equipped with auto-cleaning industrial cartridge filters. The cleaning system uses compressed air to back-flush the filters and deposit the dust into pull-out drawers for easy disposal.

Easy Maintenance

The direct drive blower provides reliable performance with no belts to change or bearings to grease. Disposable filters may be easily replaced whenever needed, as indicated by the filter status gauges.

Decontamination Booth

1-800-289-0189

"BOB" BLOW OFF BOOTH

Powerful Air Shower for Complete Decontamination



Need to be quickly and thoroughly decontaminated?

Rather than stop for a vacuum job or change of clothing, you can quickly and easily remove the dust within the high-velocity Blow Off Booth. The booth can also be used to blow dust off equipment or pallets of material. The "BOB" removes potentially hazardous dust such as:

- Hexavalent Chromium
- Strontium Chromate
- Lead
- Carcinogenic Paint
- Beryllium

Blow Off Booth (BOB)

MODEL (Air Knife)	CFM	DIMENSIONS(in)*	HP
BOB-4-2-2-15 (Med)	1500	108W x 48D x 104H	15
BOB-4-4-3-30 (Max)	2400	108W x 51D x 104H	30

* Custom Sizes Available: Consult Factory

Filter 1 has a policy of continuous design improvement and reserves the right to update designs and specifications without notice.

Guaranteed to meet or exceed OSHA requirements.

Features

- Choice of Levels of Cleaning Power:
 - High Volume/Low Pressure**
(< 10" H₂O Gauge)
 - Medium Volume/Medium Pressure**
(< 100" H₂O Gauge)
- Choice of Filters: Industrial self-cleaning cartridge filters for heavy usage, or multi-stage disposable filters with HEPA final filter for light dust loading or intermittent usage
- Dual Fluorescent Bulbs with Dust-Tight Lens
- HEPA Safety After Filter
- Galvanized Steel Air Knives Used for High Pressure System
- Galvanized Steel Floor Grate (to prevent tracking of dust through the booth)
- Cross-Flow / Down-Flow Air Movement (blows air off worker and into grate in the floor)

Additional Options / Customization

- Can Be Installed in Series or Parallel for Large Number of Workers
- Downdraft Grated Floor (to prevent tracking of dust through the booth)
- Entry/Exit Door Hinged, Slide or Solid with Windows or Curtain
- VFD (Variable Frequency Drive) allowing ramp up/down of the blow-off air velocity
- VFD providing reduced suction cleaning (creates slight negative pressure in dust collector cabinet during cleaning cycle to prevent escape of even the smallest dust particles)
- Proximity Sensors on Doors (to prevent operation of blow-off system unless all doors are closed to keep dust from escaping cabinet during the decontamination process)

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