

### Cartridge Media Down Draft Bench Dust Collection Systems



#### Applications

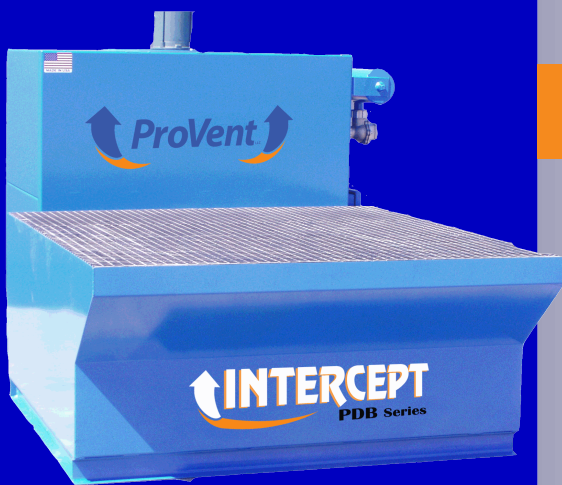
- Finishing
- Bagging
- Deburring
- Weighing
- Sanding
- Mixing
- Grinding
- Polishing

#### Features

- AMCA Rated, Integral Direct Drive Fan Assemblies with Keyless Concentric Bushings
- Fiberglass Fiberglass Work Deck
- Heavy Duty 12 Gauge, Solid Welded Housing Construction
- Auto-Reverse Pulse Filter Cleaning with Pressure Gauge & Time Delay in a NEMA 12 Enclosure
- Fork Slots & Lifting Lugs
- 80/20 Polyester / Cellulose Blend Cartridge Filters
- Durethane direct-to-metal Heavy Duty Finish Coating

#### Options

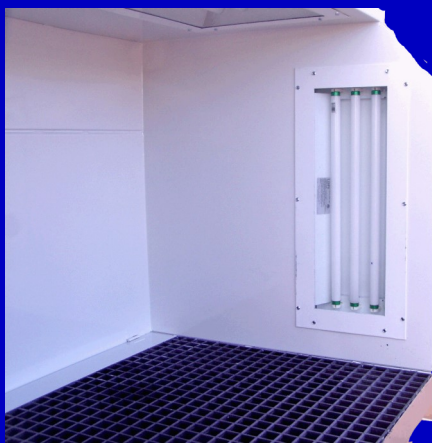
- Side & Ceiling Panels for Hoods
- Quick-Fit Pneumatic Tool Connections
- Flush or Bracket Mounted Lighting
- Dual Sided Designs
- Hood Crane Slots
- Custom Sizing
- Fan Discharge Sound Traps
- Stainless Steel Construction
- Foot Rests
- High Velocity
- Tool Screens & Shelves
- Spark Arresting Pre-Filters



## 300 FPM MINIMUM



If you require a velocity higher than the industry standard, ProVent offers a High Velocity (450+ FPM) option for increased performance capture at the work deck. Material being released higher above the deck or a unique material may require this performance option to adequately capture particulate.



## A WORD ABOUT FPM

### Where Others Fall Short

CFM matters, but FPM is what really matters. FPM (Feet Per Minute) tells us how effective the capture velocity is at the work surface. Whether your work bench is 12" x 18" or 36" x 60", FPM should always be constant. The relationship of deck size and FPM is what determines the CFM (Cubic Feet Per Minute), NOT the other way around!

Regardless of CFM, high air flow across the work area is required for safe elimination of dust and fumes from industrial processes. ProVent engineering meets this requirement better than any other manufacturer!



Dust & Oil Mist Collection Equipment For Industry

Total Air/Energy  
**SOLUTIONS**  
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## SPECIFICATIONS & MODELS

	Depth front to back	Width side to side	Filters (296 SF ea)	Media (Sq Feet)	CFM	HP	RPM	Capture Velocity Feet per Minute	Sound (dBA)
PDB2424	24	24	1	296	1500	2	1750	614	75
PDB2436	24	36	2	592	2000	2	1750	529	75
PDB2448	24	48	3	888	3000	3	1750	587	78
PDB2460	24	60	3	888	3500	3	1750	543	82
PDB2472	24	72	4	1184	4000	5	1750	514	82
PDB2496	24	96	6	1776	6000	5	1750	574	87
PDB3624	36	24	1	296	1500	2	1750	384	75
PDB3636	36	36	2	592	2000	2	1750	331	75
PDB3648	36	48	3	888	3000	3	1750	367	78
PDB3660	36	60	3	888	3500	3	1750	339	82
PDB3672	36	72	4	1184	4000	5	1750	321	82
PDB3696	36	96	6	1776	6000	5	1750	359	87



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