



Down Draft Benches

ProVent's line of down draft benches are built to out perform and out last the competition. Ventilated surface opening extends to within a few inches of all sides.

Ergonomically engineered to provide a comfortable environment for extended use. The ProVent Intercept PDB provides plenty of leg room when sitting on a stool or standing with access to the foot rest.

Standard Features

- **Integral High Efficiency Fan Assemblies**
 - AMCA Rated, Integral Direct Drive Fan Assemblies with Keyless Concentric Bushings
- **Fibergrate Fiberglass Work Deck**
 - Exceptional strength-to-weight ratio. Non-conductive and slip resistant
- **12 Gauge Steel Construction**
 - Solid welded heavy steel for superior strength and longevity.
- **Auto-Reverse Pulse Filter Cleaning**
 - Incorporated pressure gauge & time delay in NEMA 12 enclosure.
- **NANO Web Filters**
 - Provides 95% efficiency down to .3 micron
- **Urethane Mastic Coating**
 - Durethane DTM by PPG chemically resistant and extremely durable. Provides excellent corrosion resistance and has superior color and gloss retention.
- **Excellent Airflow at the Deck**
 - FPM at the deck averages 300 while maintaining airflow within just a few inches of the side and back walls of the work deck.

HIGHLIGHTS

FULL-SIZE FILTERS

ProVent provides air-to-cloth ratios of 2:1 for true industrial filtration. Full-sized industrial filters provide higher consistent airflow and longer filter life. The performance of a ProVent down draft bench is unmatched in the industry. Additionally, ProVent uses MERV 15 NANO Web filters STANDARD providing unmatched filtration in the industry.

ERGONOMICS

The Intercept PDB is designed with the worker in mind. Providing a tapered under-deck and optional foot-rest, sitting at the work bench is comfortable. Integrating flush-mounted lighting can provide substantial light for precision of workmanship and less eye strain.



Popular Options



Custom side and ceiling panels along with optional flush mounted lighting in the ceiling and side panels.

All ProVent equipment is available in painted or unpainted stainless steel. Popular with the food processing industry, stainless steel provides cleanliness and longevity to the equipment.



The spark arrester stops errant sparks from entering the dust chamber.

ProVent Silencers reduce the noise level produced by the exhausted air.



Crane slots can be integrated into the ceiling panels.

Adjustable footrests add an additional level of comfort.



Specifications

Deck Size	Ventilated Area	FPM	CFM	HP	RPM	FAN	SQ./ FT MEDIA
24" X 24"	24" x 24"	614	1500	2 HP	1750	165, 51	296
24" X 36"	24" x 36"	529	2000	2 HP	1750	165, 51	592
24" X 48"	24" x 48"	587	3000	3 HP	1750	165, 67	888
24" X 60"	24" x 60"	543	3500	3 HP	1750	182, 51	888
24" X 72"	24" x 72"	514	4000	3 HP	1750	165F	1184
24" X 96"	24" x 96"	514	6000	5 HP	1750	182, 74	1776
36" X 36"	36" x 36"	331	2000	2 HP	1750	165, 72	592
36" X 48"	36" x 48"	367	3000	3 HP	1750	182, 56	888
36" X 60"	36" x 60"	339	3500	3 HP	1750	182, 69	888
36" X 72"	36" x 72"	321	4000	3 HP	1750	182, 84	1184
36" X 96"	36" x 96"	359	6000	5 HP	1750	200, 76	1776