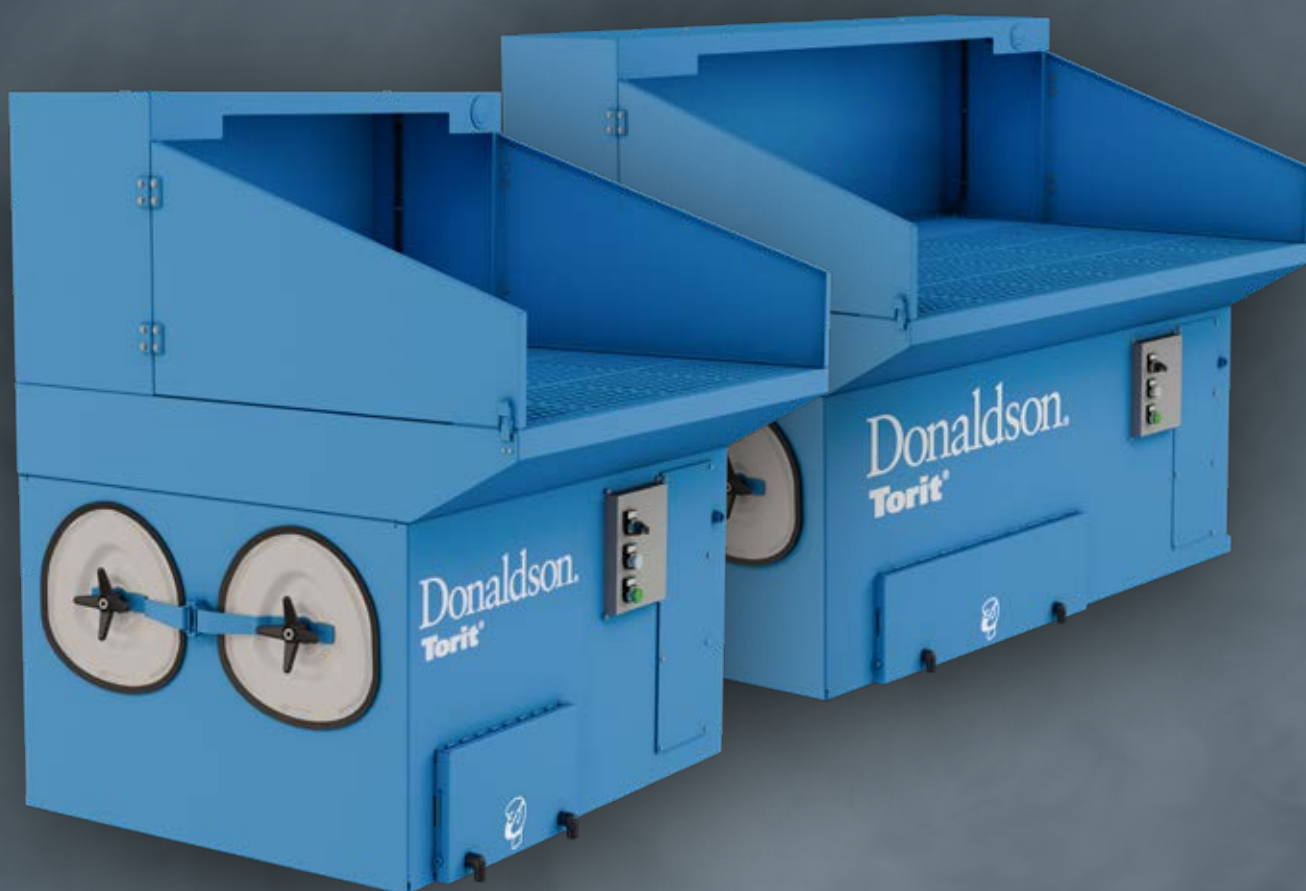


FLEXIBLE, HIGH-EFFICIENCY WORKSPACE

DOWNDRAFT BENCH EVOLUTION DBE-2000 & DBE-3000



Donaldson.
FILTRATION SOLUTIONS

UP WORKFLOW EFFICIENCY WITH DOWNDRAFT BENCH EVOLUTION



Manufacturers and fabricators with grinding and finishing applications need filtration solutions that not only perform as promised, but also offer a flexible workspace, ease of maintenance, and cost effectiveness.

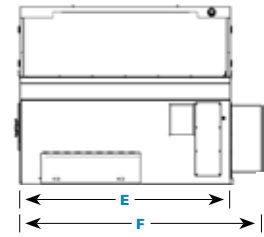
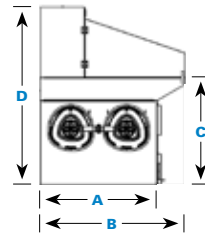
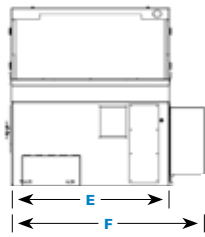
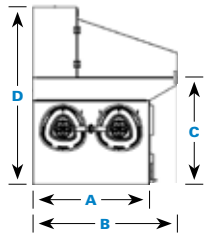
The Donaldson® Torit® Downdraft Bench Evolution (DBE) is a self-contained dust collection bench that can help you address the dust, smoke, and fumes generated during grinding, polishing, and cutting with reliable, high-efficiency filters and a low total cost of ownership.

The DBE enhances operator comfort by drawing particulates away from the breathing area. The DBE-2000 and the DBE-3000 provide powerful downward airflow and even air distribution to effectively capture dust and fumes across the entire work surface. Along with its quiet operation, both models include:

- + HINGED SIDE-WING PANELS OPEN TO ACCOMMODATE LONGER WORKPIECES**
- + BUILT-IN LED LIGHT ILLUMINATES WORK AREA**
- + ERGONOMIC DESIGN PROVIDES EXTENDED OPERATOR COMFORT**

DIMENSIONS & SPECIFICATIONS

DBE-2000	DBE-3000
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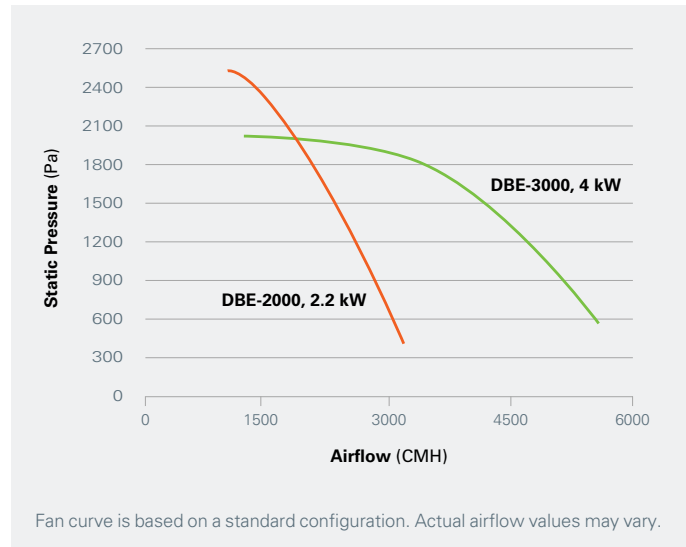
Model	Dimensions												Shipping Weight	
	A		B		C		D		E		F		lb	kg
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm		
DBE-2000	42.1	1070	52	1321	38	965	63	1600	52	1322	63.8	1619	990	450
DBE-3000	42.1	1070	52	1321	38	965	63	1600	78.1	1983	89.8	2280	1400	635

Model	Specifications											Sound Level dB(A)**
	Nominal Airflow*		Filter Area		Motor (hp)	Downdraft Velocity		Dust Capacity		Max Load		
	cfm	m ³ /h	ft ²	m ²		fpm	m/min	ft ³	m ³	lb/ft ²	kg/m ²	
DBE-2000	2000	3397	508	47.2	2.2	200	61	1.4	0.04	75	366	≤85
DBE-3000	3000	5097	1016	94.4	4	200	61	1.4	0.08	75	366	≤85

FEATURES & OPTIONS

Collector Features	Std	Opt
Mild Steel Construction	X	
Filter Cleaning System	X	
Quick Removal Access Covers	X	
4 kW Fan (DBE-3000)	X	
2.2 kW Fan (DBE-2000)	X	
Heavy-Duty Work Surface Supports 75 lb/ft ² (366 kg/m ²)	X	
Integral Power Pack	X	
Large Capacity Dust Drawers	X	
MERV 15 Ultra-Web® Flame Retardant NL Cartridge ¹	X	
Variety of Torit-Brand® Filter Cartridges		X
Safety LED Light ²	X	
Outlet Airflow Damper	X	
Multi-Function Cover PE Plate		X
Custom Cabinet		X
Paint System	Std	Opt
Prime Coated Interior	X	
Custom Colors		X
Electric Controls, Gauges & Enclosures	Std	Opt
Integrated Control Box with Motor Starter and Downtime Clean Control ³	X	

FAN PERFORMANCE CURVE (50 HZ)



* Based on clean filters.

** Sound level per ANSI S12.34.1988. The actual measured sound level will vary, depending on background noise and room conditions.

¹ The Minimum Efficiency Reporting Value (MERV) of this filter cartridge has been determined through independent laboratory testing using ASHRAE 52.2 (2012) test standards. The MERV rating was determined at a face velocity of 118 feet (36.0 meters) per minute and loading up to four inches (101.6 millimeters) watergauge. Actual efficiency of any filter cartridge will vary according to the specific application parameters. Dust concentration, airflow, particle characteristics, and pulse cleaning methods all affect filtration efficiency.

² Extra-low voltage (ELV) — Limit values GBT 3805

³ Consult with Donaldson specialist for alternate control options available.

HIGH-EFFICIENCY, FINE FIBER FILTERS BUILT TO LAST

The Downdraft Bench Evolution Series is equipped with industry-leading Ultra-Web® cartridge filters. The proprietary triangular filters are designed with 27% of the media located at the bottom of the filter for improved pulse cleaning, increased airflow per cartridge, and superior performance. The innovative design results in:

- + HIGH EFFICIENCY**
- + LONG FILTER LIFE**
- + LOW ENERGY CONSUMPTION**

With its highly efficient cartridge filters and advanced downward airflow, the DBE workstation has fewer cartridges for the same filtration power, compared to earlier designs, helping manage filter replacement costs, maintenance, and space requirements.



DONALDSON IS WITH YOU EVERY STEP OF THE WAY.

Backed by more than 250,000 global installations over four decades, and a select network of partners, no other manufacturer is more capable — or more trusted — to solve your dust, fume and mist collection challenges than Donaldson.

For more information on the DBE-2000 or DBE-3000, please contact your local Donaldson representative or visit [Donaldson.com](https://www.donaldson.com).



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