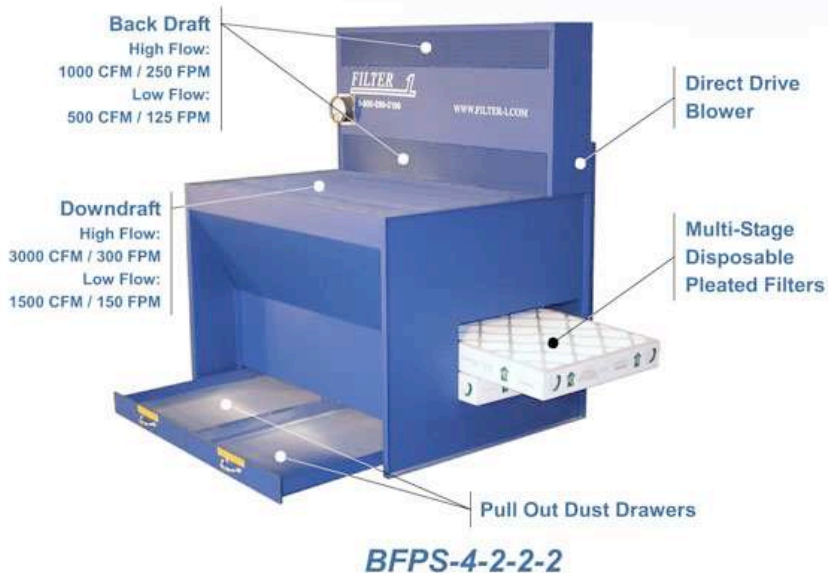


BENCHTRON BFP SERIES

Downdraft/Backdraft Workstations



A Clean Solution for Fine Dust & Smoke

Streamlined, Compact Design

The Benchtron BFP is a complete, self-contained dust collector workstation with a small footprint. Designed to handle various types of fine dust, as well as welding smoke and fume, the BFP packs in a multi-stage filtration system together with dual source capture -- downdraft plus backdraft. The open table design easily accommodates one or more workers.

Customizable to Fit the Need

The Right Size. Standard benches are 30" deep by 4 feet, 5 feet, and 6 feet wide. In addition, custom sizing is available.

The Right Filters. The Benchtron BFP Series uses standard industrial panel filters with a wide range of media to effectively handle various types of dust and contaminants.

The Right Grating. Choice of intake grilles includes fiberglass, grated steel, galvanized, rubber, plastic, or perforated plate.

The "Lean Cell" Bench

Cost-Effective Maintenance

Standard disposable panel filters are simple to replace, saving time and money.

Worker Ease

With freedom of movement for the operator (no arms or hoses to adjust), the Benchtron BFP is designed with front overhang and toe space for close-up tasks. Compact design with open access on three sides accommodates one or more workers.

Energy Savings

The high-efficiency blower wheel, combined with the best new technology filter medias, creates a very low pressure drop, resulting in outstanding flow and velocity, with the lowest possible energy cost. In addition, the BFP recirculates filtered, tempered air, saving on heating and cooling costs.

Versatility

Self-contained, compact unit, with no compressed air piping, is easy to move and easy to adapt: various types of media filters may be used and are easily changed out for different applications; in addition, air flow is adjustable from low velocity for applications such as welding, to high velocity for applications such as grinding.

Dust Collector Workstation

FILTER 1

1-800-289-0189

CUSTOM SPECIALISTS FOR INDUSTRIAL NEEDS

BENCHTRON BFP SERIES

Panel Filter Dust Collector Workstations



Need to do some grinding, and some welding too?

Simply set your capture velocity to high, and use an inexpensive MERV filter to effectively capture your grinding dust, up to ten micron particles. Then adjust capture velocity to low, easily switch out to a MERV 17 HEPA filter, and meet the new standards for welding on stainless steel.

Typical Applications

- Sanding Dust
- Grinding Dust
- Welding Smoke
- Deburring Dust
- Buffing Dust
- Mixing Powders
- Polishing Dust
- Saw Dust

Benchtron BFPs Single Station

MODEL	CFM	DIMENSIONS*	HP
BFPS-4-2-2-2	3,000	4' Wide x 30" Deep	2
BFPS-5-2-2-2	3,000	5' Wide x 30" Deep	2
BFPS-6-3-3-3	4,000	6' Wide x 30" Deep	3

* 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.

FILTER 1

2525 National Dr.
Garland, TX 75041
972-278-2664

WWW.FILTER-1.COM

Guaranteed to meet or exceed OSHA requirements for the breathing zone.

Multi-Stage Filter Options

Industrial Standard Size 24" x 24" x 4" Nominal Pleated Filters Can Include:

Prefilters

- Chevron
- Impingers / Washable Impingers
- Metal Mesh
- Merv 3

Secondary Filters

- Merv 3 - Merv 17 Filter Media
- Microglass or Synthetic
- ASHRAE or HEPA Safety Filters
- Polyester
- Cellulose
- 80/20 Fire Retardant

Other Options / Customization

- Adjustable Table Height
- Backdraft Hood for Working on Larger Parts
- TEFC Motors, Single and Three Phase, Out of the Air Stream
- Odor Absorption Modules
- Sound Attenuators
- Choice of Work Surface Grating: Perforated Plate, Grated Steel, Fiberglass, Galvanized, Rubber, or Plastic
- Various Hole Size Grate
- Safety Monitor Gauge and Alarm
- Spark Trap for Welding or Heavy Grinding
- "Push/Pull" Regain Air System
- Metal or Plastic Sidewalls / Roof
- Slotted Regain Roof for Crane Loading
- Auxillary Air and Power Outlets
- Compressed Air Regulators and Filters
- High-Temperature Cut-Off of Blower
- Fire Sprinkler Heads
- Pneumatic Turntable for Lifting/Spinning Parts
- Motor Starters & Electrical Disconnects
- Casters for Easy Movement