

DIVERSIFIED AIR SYSTEMS, INC.

# MAXFLO™-DBS

*Portable Shaker Downdraft Bench*

- **Plug & Play Compact Design**
- **Cost effective control of dry dust**
- **1 HP motor with direct drive blower, 120/1/60**



- **175 FPM Downdraft velocity**
- **Low maintenance, 28" wide x 29" deep work surface, table height - 38" with casters, 32" without casters**
- **Built-in silencer**
- **Standard cotton sateen bag 95% efficient @ 3 micron**

*Superior technology generating substantial operating savings*

## OUTSTANDING MAXFLO STANDARD FEATURES

MAXFLO -DBS is designed to provide efficient, cost effective control of dry dusts, fumes, and smoke generated from sanding, grinding, welding, and other processes. Typically used for light to moderate concentrations of dry contaminants. The MAXFLO-DBS is Diversified Air Systems' MAXFLO-S800 with a downdraft table top.

The MAXFLO-DBS is compact and portable, the top is an aluminum surface to protect against parts that cannot be scratched and can support a table load of 150 pounds per square feet maximum. The top has a back enclosure with a light fixture and hinged side wing panels. The bag filter in the MAXFLO-DBS is a cotton sateen bag material and cleaning is accomplished using a foot pedal to wrap the bottom of the bags. The MAXFLO-DBS has a design airflow of 800 CFM, downdraft table top velocity is 175 feet per minute. The MAXFLO-DBS is designed to be powered up as soon as you receive it by offering a power cord and switch operating at 120 volts. Optional rubber mats are available for the placing on the table top work surface.



Unit Type	CFM	Mtr HP	Weight (lbs.)	Sound Pressure (dba)	LxWxH (in.)
DBS	800	1	300	78	32x24x59

## FEATURES

- Direct drive forward curved blower with a 1HP TEFC motor delivering 800 CFM at 3 inches external static pressure
- 115/220 volt single phase with power cord and plug
- Low noise level
- Manual foot pedal shaker to manually clean the filter bags
- Pull out dust drawer with a holding capacity of 0.9 cubic feet
- Perbunan synthetic rubber gasket creates three (3) sealing surfaces for optimum leak resistance. Gaskets are mechanically fastened to the cabinets, eliminating problems with adhesives
- 22 envelope pocket, flame retardant cotton sateen filters
- Total filter area is 55 square feet with toolless filter replacement
- Built-in silencer
- 16 ga metal construction with a heavy duty textured powder coat finish
- Table Top is of aluminum construction with 3/4" holes
- Fluorescent light kit
- Caster kit
- 175 FPM table downdraft velocity

## OPTIONS

- HEPA on the rear exhaust side of the unit
- Polyester felt and other media available
- 208-230/460 volt motor
- Non sparking, scratch resistant rubber mat
- 1.5 HP motor

Note: Specifications listed above may be modified to suit application. contact D.A.S. or representative for information.

### Diversified Air Systems, Inc.

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