

Model 440 Industrial Downdraft Bench

Model # SS-440-DDB

Product Specifications

TABLE DIMENSIONS

48" W x 30" D x 35" H

Request specifications for additional size options

PERFORATED WORK AREA

Stainless Steel 1/4" Perforated Work Area

40" W x 22" D x 16g, 51% open space

TABLE MATERIAL

304 Stainless Steel Surface, Chrome-plated foot bar

PLENUM BOX OUTLET OPTIONS

10" Diameter Round Outlet

BLOWER CABINET DIMENSIONS

20" W x 22.5" D x 19.5" H, *Including Control Box*

BLOWER CABINET MATERIAL

16 ga. Carbon Steel

WEIGHT

Approx. 150 lbs.

Varies Depending on Filter Media Installed

AIR VOLUME

Variable Speed Control Standard on 115V

700 CFM High, Down to 50 CFM Low

On/Off Toggle Switch Standard on 220V

Available upgrade to 950 CFM High [Model #SS-440-DDB-HF]

ELECTRICAL

115/1/60, 2.5 amps

220/1/50, 1.5 amps

8' grounded power cord with NEMA 5-15P Plug

SOUND LEVEL

Approx. 60 dba @ 3'

FILTRATION

Depending on the Application:

- HEPA [up to 99.97% efficient on particles 0.3 microns and larger]
- ASHRAE [up to 95% efficient on particles 0.5 microns and larger]
- ACTIVATED CARBON
- SPECIALTY-BLENDED FILTER MEDIA [i.e. Acid Gas, Mercury, Aldehyde, Ammonia]

WARRANTY

Limited two-year warranty from date of shipment on defects due to materials or workmanship.

PATENT #5,843,197



-Dimensions are Approximate
-Shown with optional Magnehelic Gage
-Shown with 10" Dia. Outlet Plenum



Product Features

- Variable Speed Controller *Included (115V only)*
- Sturdy Construction
- Reliable, Low Maintenance Operation
- Low Power Consumption
- Simple, Quick "No Tool" Filter Change
- Additional Work Area Sizes: 30" Wide
- Optional Magnehelic Gage
- Optional Hour Counter
- Optional Air Volume Upgrade

The **Model 440 Industrial Downdraft Bench** is an effective source-capture solution for the extraction of fume, dust, and smoke at the work surface level. This safety engineering control helps to protect the operator's breathing zone and surrounding environment from hazardous airborne contaminants. Sentry Air Systems offers both standard and custom stainless steel downdraft benches that are equipped with a powerful industrial air cleaner and high-quality HEPA filtration media. This filter media is up to 99.97% efficient on particles 0.3 microns and larger and the air cleaner provides up to 700 CFM of air volume [950 CFM is available as an upgrade]. ASHRAE filtration, heavy-duty activated carbon, and specialty-blended filter media are also utilized in certain applications.

These negative-pressure systems are designed to eliminate costly exhaust systems, reduce energy losses, and aid in employee protection by capturing pollutants at the source of emission. Typical applications include: solvent vapor control, solder fumes, light grinding, epoxy fume control, sanding, buffing, brazing, spray paint, powder control, and a variety of other industrial applications.

Downdraft benches are available with 30" [Model # SS-430-DDB] and 40" wide perforated work areas. Custom design options and modifications can be discussed with a Sentry Air Applications Specialist.



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