

DownFlex™ Table



Workbench and Fume Extraction Downdraft Table



Lincoln Electric's DownFlex™ table is a dual purpose work bench and extraction unit, designed specifically for the removal of welding fume at the source. It can also be used to remove particulate and dust from metal grinding applications, as well as fume and particulate from light duty plasma arc cutting.

Designed with the operator in mind, the ergonomically engineered workbench and extraction unit has adjustable legs. The DownFlex™ table also features hinged side doors to accommodate larger parts and front access for all controls and maintenance operations.

KEY FEATURES - 200-M and 400-MS/A Models

- ▶ **Strong Backdraft (80%) and Downdraft (20%) Extraction Capacity** – Ideal for welding, grinding⁽¹⁾, and light duty plasma cutting.
- ▶ **Innovative 3 Stage Spark Arrestor** – Captures hot particulate before it can get into the filter chamber.
- ▶ **Oval Shaped Filters Deliver an Impressive 560 sq. ft. of Total Filter Media** – Results in longer filter life.
- ▶ **All Controls and Doors on Front** – Offers complete access to filters and collection draws for easy maintenance.
- ▶ **UL® Approved.**

Processes

- STICK
- MIG
- PLASMA CUTTING
- TIG
- FLUX-CORED
- GRINDING⁽¹⁾

Output:

1750
CFM

Input:

3
PHASE **60**
Hz

Options for 200-M & 400-MS/A Models

- K2752-1 HEPA Filter Kit
- K2752-2 Plasma Cutting Work Grid
- K2752-3 Working Light Kit
- K2752-6 Wheel Kit (max load 330 Lb.)
- K2752-7 Silencer/Outlet Duct
- K2752-8 Mounting Bracket for Bench Vice
- K2752-9 Dust Tray Kit
- K2752-4 Start/Stop Welding Current Sensor (400-MS/A only)
- K2752-5 Start/Stop Motion Activated Sensor (400-MS/A only)

Options for 100-NF Model

- K2752-2 Plasma Cutting Work Grid
- K2752-3 Working Light Kit
- K2752-8 Mounting Bracket for Bench Vice
- K2752-10 Central System Connector Kit
- K2752-11 Dust Container
- K2752-12 Spark Arrestor

⁽¹⁾ Not Suitable for Grinding Aluminum, Magnesium or Other Explosive Materials.

DownFlex™ 200-M & 400-MS/A Models

1. Highly efficient welding, grinding and plasma cutting backdraft panel (80% backdraft / 20% downdraft).
2. Work table size:
53.8 x 29.5 in. (1366 x 750 mm)
Work load:
440 lbs. (200 kg), 330 lbs. (150 kg) with wheel kit installed.
3. All controls and doors on front for easy access.
4. Powerful Extraction Motor (1750 CFM).
5. LongLife™ filter with 560 sq. ft. of total surface area.
6. Pull out drawers for easy cleaning.
7. Hinged / removable side panels for larger parts.



◀ **DownFlex™ 200-M** comes with disposable filters for light to medium duty applications.



◀ **DownFlex™ 400-MS/A** comes with automatic self-cleaning controls and disposable filters for medium to heavy duty applications. (Requires 72 - 115 psi compressed air.)



◀ **DownFlex™ 100-NF** model is available for customers who need a rugged downdraft table, but prefer to build their own customized extraction system. (No filtration, fan or electrical controls supplied. Some assembly is required.)

PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power (Voltage/Phase/Hertz)	Input Current	H x W x D in. (mm)	Net Weight lbs. (kg)
DownFlex™ 200-M	K2751-2	208/230/460/3/60	11/10/5A	36.2 x 54.3 x 39.4 (920 x 1380 x 1005)	540 (245)
DownFlex™ 400-MS/A	K2751-3	208/230/460/3/60	11/10/5A	36.2 x 54.3 x 39.4 (920 x 1380 x 1005)	562 (255)
DownFlex™ 100-NF	K2751-1	N/A	N/A	36.2 x 53.8 x 35.9 (920 x 1366 x 911)	330 (150)

The operation of welding fume control equipment is affected by various factors including proper use and positioning of the equipment, maintenance of the equipment and the specific welding procedure and application involved. Worker exposure level should be checked upon installation and periodically thereafter to be certain it is within applicable OSHA PEL and ACGIH TLV limits.

CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

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THE LINCOLN ELECTRIC COMPANY
22801 St. Clair Avenue • Cleveland, OH U.S.A. • 44117-1199
Phone: +1.216.481.8100 • www.lincolnelectric.com

