

FUMES DON'T STAND A CHANCE

WELD FUME CONTROL



*Prism Direct Exhaust Fan
with Hose and Hood Set
(K1668-1)*

Compact Welding Fume Exhaust Unit

The Prism® Direct Exhaust Fan is a light weight, non-filtration, welding fume exhaust unit designed to remove welding fumes from air restricted locations. The sturdy handle and base makes the Prism Direct Exhaust Fan unit easy to move and place anywhere on a job site.

- » Economical fume movement and ventilation option
- » Easily disassemble the unit for cleaning and maintenance
- » Maximum extraction distance up to 32 ft. (9.7 m)
- » Quiet operation
- » Lightest weight option in the market
- » Easily move throughout a job site/location

Processes »

Stick, TIG, MIG, Flux-Cored

Product Number »

Prism Direct Exhaust Fan:
K1666-3 (115V)
K2497-11 (230V)
K4260-3 (One-Pak™)



KEY FEATURES

- » **Extraction Reach** – Select hose extensions for a maximum reach up to 32 ft. [9.7 m]
- » **Airflow** – Additional hose extensions facilitate airflow conditions up to 765 CFM
- » **Quiet Operation** – Operates at a sound level of 69dB(A)

Prism Direct Exhaust Fan One-Pak® (K4260-3) Includes:

- » Base Unit K1666-3
- » Hose and Hood Set K1668-1

REQUIRED ACCESSORIES



Hose and Hood Set

Completely flexible extraction hose with magnetic hood. Ideal for those hard to access fume extraction applications. Hose is reinforced with outside steel rings to protect against wear and crushing. Diameter of hose is 5.75 in. [146 mm], length is 16.4 ft [5 m]. Includes one clamp.

Order K1668-1



Exhaust or Extension Hose Set

Use as exhaust hose for Prism Direct Exhaust Fan or to extend K1668-1. Hose is reinforced with outside steel rings to protect against wear and crushing. Diameter of hose is 5.75 in. [146 mm], length is 16.4 ft [5 m]. Includes two clamps.

Order K1668-2

PRODUCT SPECIFICATIONS

Product Name	Product Number	Airflow	Sound Level dB(A)	Input Power Voltage/Phase/Hertz	Input Current	Dimensions H x W x D in (mm)	Weight lb (kg)
Prism Direct Exhaust Fan	K1666-3	Up to 765 CFM depending on length of hose(s) used.	69	115/1/60	10A	23.1 x 18.9 x 18.6 (587 x 480.4 x 472)	37.5 (17)
	K2497-11			230/1/50	5A		
Prism Direct Exhaust Fan One-Pak	K4260-3			115/1/60	10A		

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.

Lincoln Electric Product Claim - Weld fume control products manufactured by The Lincoln Electric Company are designed to be utilized as an engineering safety control to aide in achieving adequate ventilation while conducting welding or it's allied processes. The operation of welding fume control equipment is affected by various factors including proper use and positioning of the equipment, and the specific welding procedure and application involved. When the equipment is used as designed - and when properly installed, operated and maintained - it can be a valuable and effective tool to help employers maintain adequate ventilation in the workplace. Lincoln Electric defines adequate ventilation as that which is required to maintain occupational exposure levels below the applicable exposure limits when sound work practices are utilized. 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.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.

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