

# LFA 3.1/4.1 FUME EXTRACTION ARMS

Lincoln's LFA spring balanced extraction arms offer the finest ease of positioning available. Our unique design not only moves easily, but holds in place once positioned. The rugged dent-resistant plastic construction provides both light weight and durability. Combine the LFA arms with either a Mobiflex or wall mounted package (see page 2).



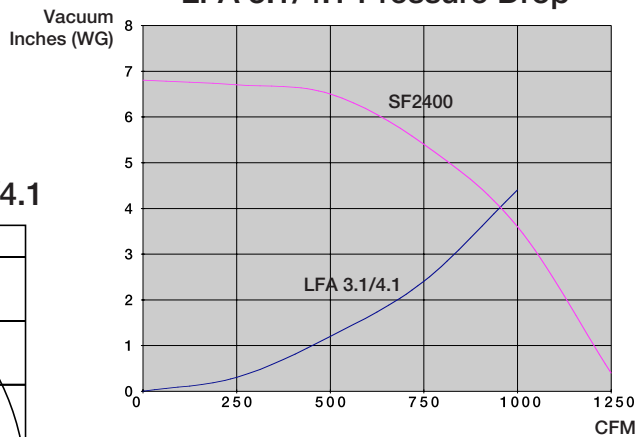
Shown with SF2400 Fan (p.10) and Wall Bracket.



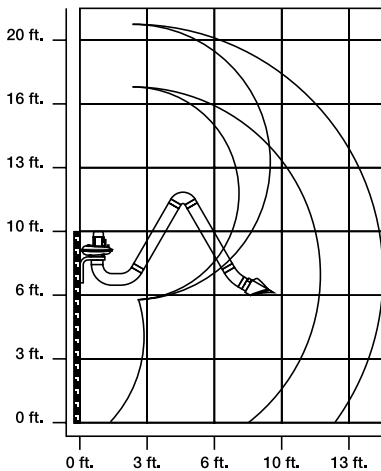
## ADVANTAGE LINCOLN

- 10 ft. or 13 ft. length (wall mounted reach of 11 ft.-14 ft.).
- Spring balanced for easy positioning.
- 360° rotatable hood.
- Airflow throttle valve.
- Airflow focus vanes.
- Lightweight, rugged, dent resistant plastic construction.
- Optional Lamp Kits available. Provides hood mounted switches for both lamp and fan (for kits without Arc Sensor, order K1706-1 for Mobiflex packages, K1669-2 for wall mounted systems).
- Automatic Start/Stop Arc Sensor (built into K1706-2 and K1669-4 lamp kits). Detects arc flash to start and stop fan (lamp required). K1670-1 retrofits plain lamp kits K1706-1 and K1669-2.

### LFA 3.1/4.1 Pressure Drop



### Reach of the LFA 3.1/4.1



### Specifications (see pages 5, 7 or 16 for complete ordering information)

Product Name	Product Number	Dimensions	Weight
LFA 3.1 10 ft. Fume Extraction Arm	K1655-1	8 x 118 in. (208 x 3000 mm)	33 lbs. (15 kg.)
LFA 4.1 13 ft. Fume Extraction Arm	K1655-2	8 x 157 in. (208 x 4000 mm)	37.5 lbs. (17 kg.)

# LTA 2.0 TELESCOPIC FUME EXTRACTION ARM

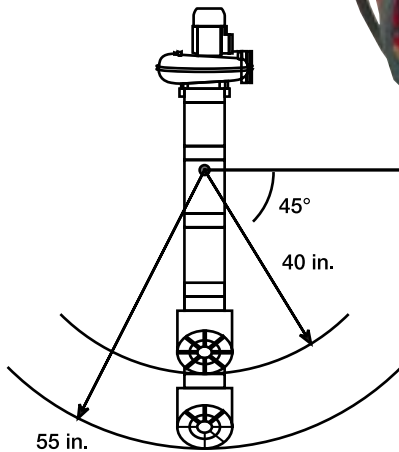
Lincoln's LTA 2.0 Telescopic Extraction Arm offers ease of positioning in a small package, perfect for small workstations or schools. The arm retracts and extends from 3 ft. to 4.5 ft., and pivots up to 45°. The arm also comes with a wall mounting bracket (Motor mounting bracket required if using the SF2400 Fan).



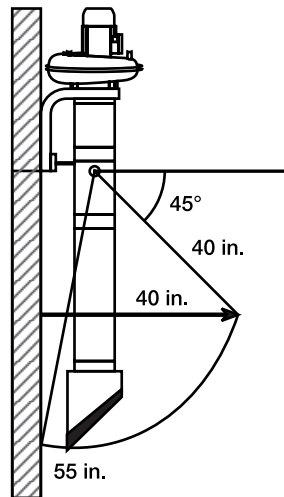
All Lincoln Hoods Rotate 360°



Shown with Fan and Motor Mounting Bracket

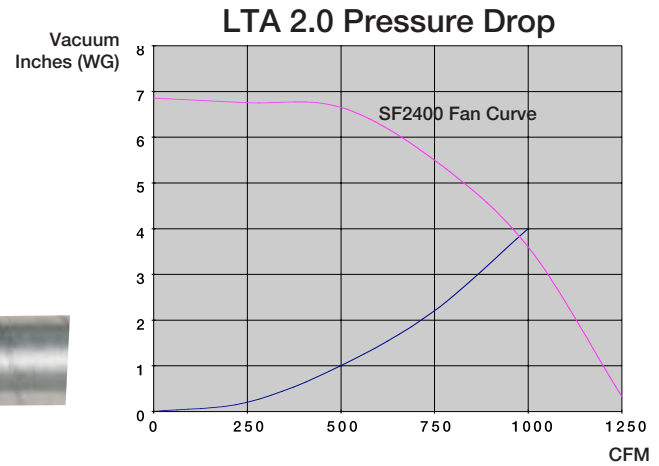


Reach of the LTA 2.0



Specifications (see page 17 for complete ordering information)

Product Name	Product Number	Dimensions	Weight
LTA 2.0 Telescopic Extraction Arm	K1655-3	8 x 39.5 - 55 in. (208 x 1000 - 1400 mm)	15.4 lbs. (7 kg.)



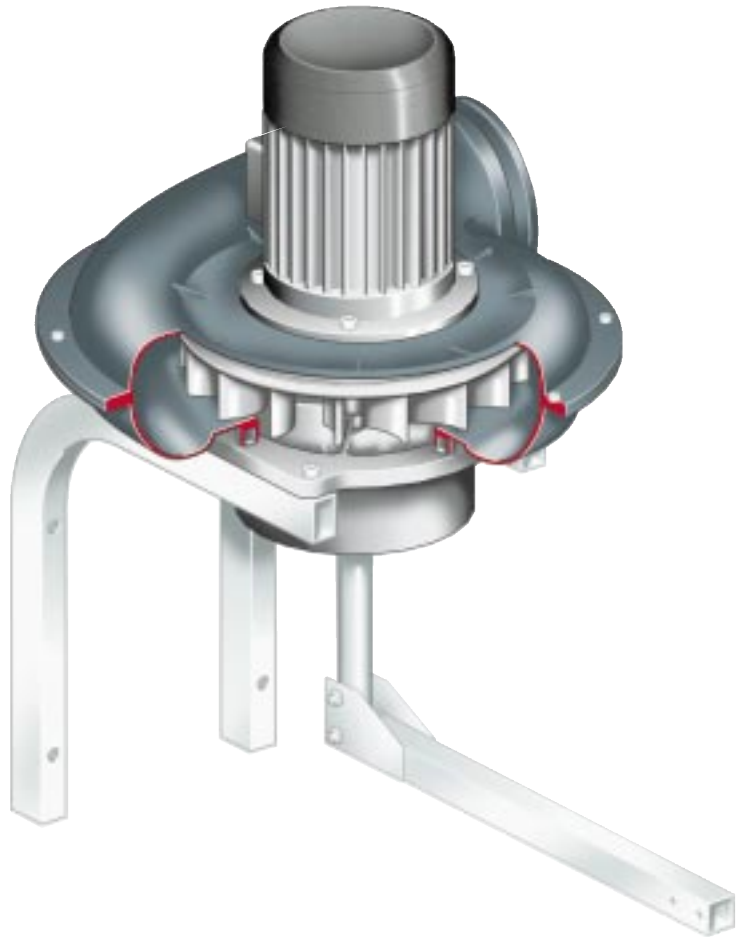
## ADVANTAGE LINCOLN

- Telescopes from 3 ft. to 4.5 ft.
- Perfect for schools and small workstations.
- 360° rotatable hood.
- Airflow throttle valve.
- Lightweight, rugged, dent resistant plastic construction.
- Optional lamp kits are available. Provides hood mounted switches for both lamp and fan kit. Without arc sensor: K1669-2, with arc sensor built-in: K1669-4.
- Automatic start/stop Arc Sensor (built into K1669-4 lamp kit) detects arc flash to start and stop fan (lamp required). K1670-1 retrofits K1669-2 plain lamp kits.

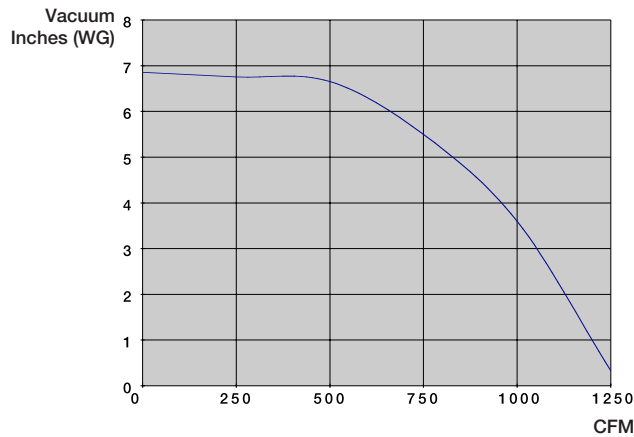


# SF2400 FAN

Lincoln's SF2400 Fan provides single station extraction for LFA and LTA extraction arms, or for hoods or other ventilation installations. The 1 HP, 115V\* fan can also be combined with the Statiflex 200-M for wall mounted filtration.



Fan Curve SF 2400



## ADVANTAGE LINCOLN

- Generous airflow:
  - 1200 CFM free blowing
  - 880 CFM with LTA 2.0 Arm
  - 760 CFM with LFA 3.1/4.1 Arm
- Concave fan blades self-clean.
- 115V, 60Hz, 11 Amps.
- 1HP.
- Requires K1657-1 wall mounting bracket for use with LFA 3.1 or LFA 4.1.
- Requires K1657-2 motor mounting bracket for use with LTA 2.0, extension cranes or ventilation hoods without arms.

Specifications (see pages 16 and 17 for complete ordering information ).

Product Name	Product Number	Horsepower	60Hz Input Power	Dimensions H x W x L	Weight
SF2400 Fan	K1656-1	1HP (0.75 kw)	115V, 11 Amps*	15 x 19 x 20 in. (370 x 480 x 500 mm)	33 lbs. (15 kg.)

\* 230V operation available with K1494-3 starter overload switch, or by adding K1750-1 conversion kit to a lamp kit.

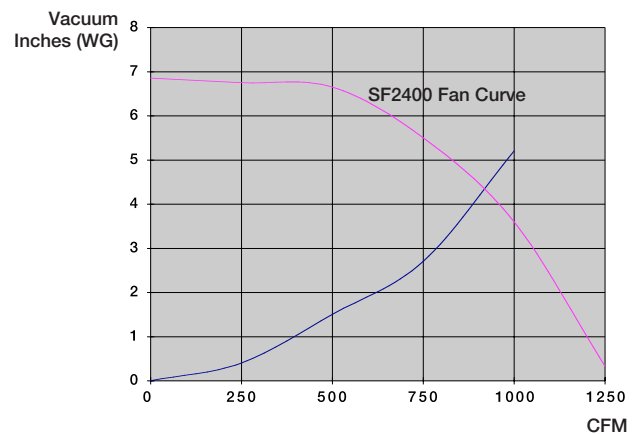
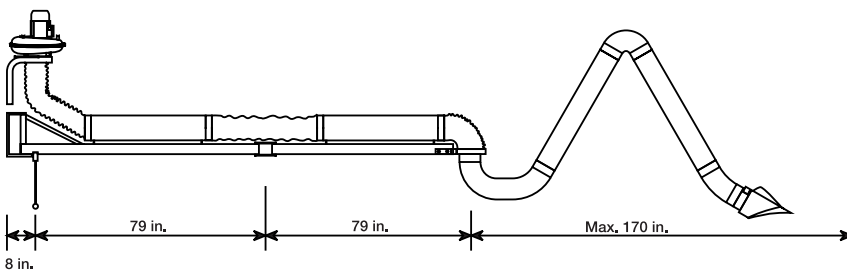
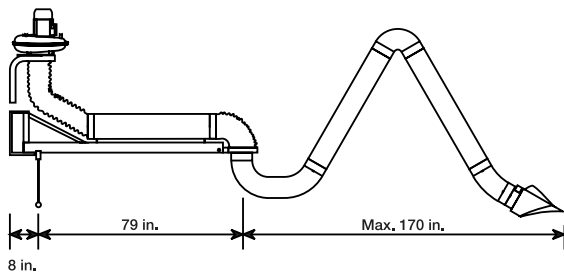
# EXTENSION CRANES

For large work areas, use Lincoln's 7 ft. or 14 ft. extension crane. The side-to-side hinge at the wall has a unique spring controlled lock to hold the arm in place for steady positioning. Add the K1672-1 Feeder Hanging Rail to suspend your wire feeder on a slide mounted to the first crane section.

Each crane includes support boom, mounting plate, 8" tubing, flexible hose and arm mounting brackets. K1657-1 is not required. If using an SF2400 Fan, use the K1657-2 for fan mounting.



## EXTENSION CRANES



Specifications (see page 16 for complete ordering information).

Product Name	Product Number	Weight
Extension Crane, 7 ft.	K1671-1	62 lbs. (28 kg.)
Extension Crane, 14 ft.	K1671-2	106 lbs. (48 kg.)
Feeder Hanging Rail	K1672-1	8 lbs. (3.5 kg.)