

**General Information**

A self contained SAM Fan Filter Unit provides Class 100 HEPA filtered air in a horizontal laminar flow pattern within the workspace.

**Electrical**

Standard voltage is 115 volts with other voltage options available. Separate On/Off switches for the fan and lights are located above the workspace. All 115 volt models are equipped with a 8 foot power cord and 3 - prong plug. Other voltages require electrical connection to the power source by a qualified electrician.

**Final Filter**

HEPA filters are 99.99% efficient @ 0.3 micron or larger with anodized aluminum frame. ULPA grade filters are 99.9995% efficient @ 0.12 micron, and are available as an option.

**Prefilter**

A pleated type, disposable prefilter rated at 30% ASHRAE efficiency is standard.

**Speed Control**

A solid state variable speed control is mounted on the SAM unit.

**Grille**

Horizontal flow clean benches have a polystyrene grille inserted in an anodized aluminum frame which is hinged to open. This permits removal of the HEPA filter without removing the SAM unit from the frame.

**Construction**

Clean Bench frames are white painted steel tubing with clear acrylic side panels and adjustable leg levelers. Work surfaces are solid core with white high pressure laminate finish. ESD, perforated and stainless steel work surfaces are available as options. Clean Bench models are available in a sit-down style with work surface 30" from floor or stand-up style with work surface 40" from floor.

**Lighting**

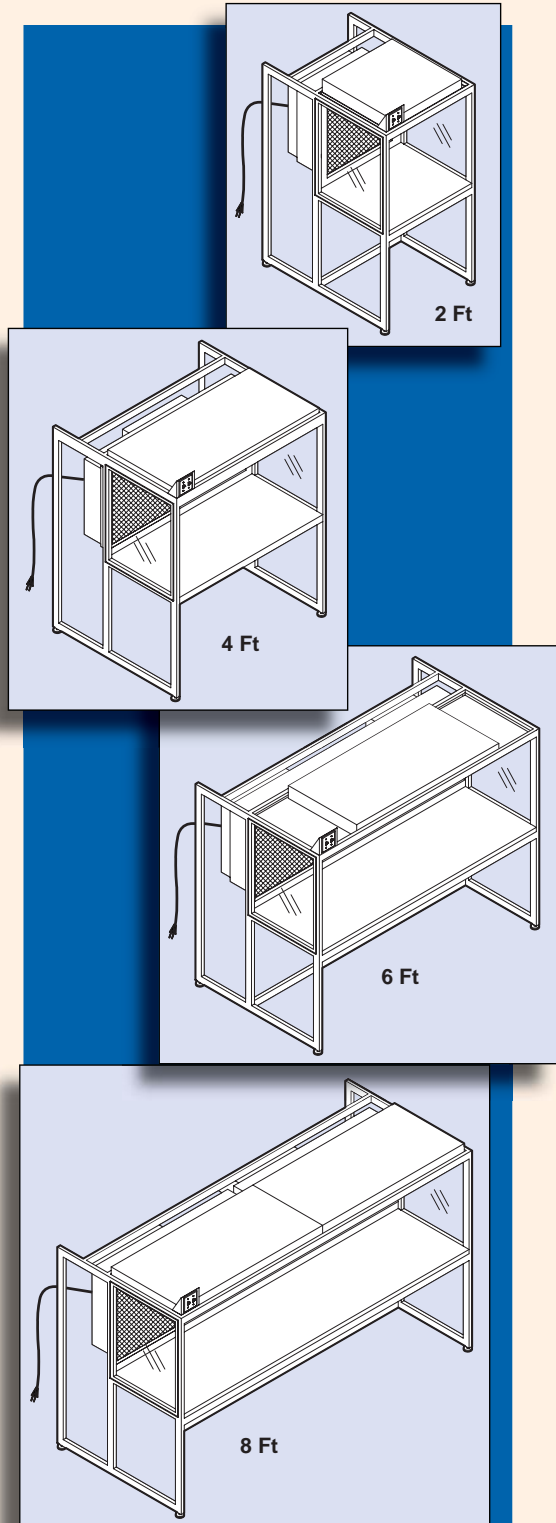
All horizontal flow models with lights are equipped with a 4-lamp light fixture, 120 volt, 60 hz with T8, 32W electronic ballast. Fluorescent light tubes are not furnished with the units because of potential breakage during shipment.

**Shipping**

Horizontal Flow Clean Benches are fully assembled.

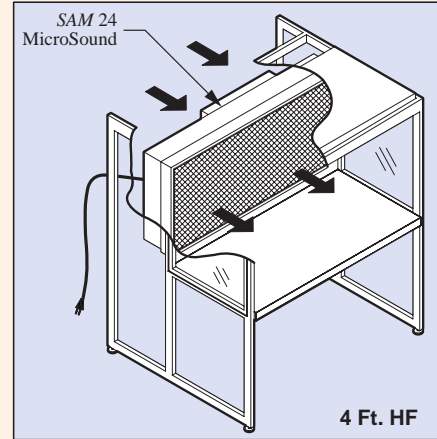
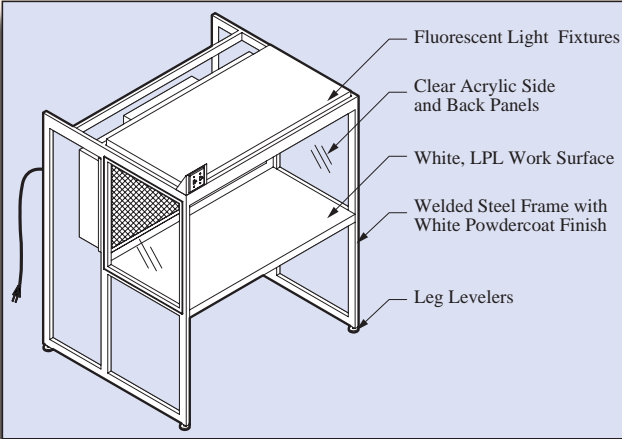
**Options**

See a following page for options and ordering information.



SAM is a registered trademark owned by Clean Rooms International

# E Series Horizontal Flow Clean Benches



## Ordering Information

### Sit-down Style Horizontal Flow w/Lights and Work Surface 30" from Floor

Model No.	Voltage	Nominal	Work Surface	Overall Dimensions	Opening Size	Weight
13255	115V	2 Ft.	24" x 25"	26"L x 44"D x 66"H	24"L x 30"H	275 lbs.
13243	115V	4 Ft.	48" x 25"	50"L x 44"D x 66"H	48"L x 30"H	360 lbs.
13244	115V	4 Ft.	48" x 32"	50"L x 51"D x 66"H	48"L x 30"H	375 lbs.
13245	115V	6 Ft.	72" x 25"	74"L x 44"D x 66"H	72"L x 30"H	490 lbs.
13246	115V	6 Ft.	72" x 32"	74"L x 51"D x 66"H	72"L x 30"H	505 lbs.
13247	115V	8 Ft.	96" x 25"	98"L x 44"D x 66"H	96"L x 30"H	630 lbs.
13248	115V	8 Ft.	96" x 32"	98"L x 51"D x 66"H	96"L x 30"H	650 lbs.

*NOTE: Fluorescent light tubes not included*

## Ordering Information

### Stand-up Style Horizontal Flow w/Lights and Work Surface 40" from Floor

Model No.	Voltage	Nominal	Work Surface	Overall Dimensions	Opening Size	Weight
13256	115V	2 Ft.	24" x 25"	26"L x 44"D x 76"H	24"L x 30"H	240 lbs.
13249	115V	4 Ft.	48" x 25"	50"L x 44"D x 76"H	48"L x 30"H	390 lbs.
13250	115V	4 Ft.	48" x 32"	50"L x 51"D x 76"H	48"L x 30"H	410 lbs.
13251	115V	6 Ft.	72" x 25"	74"L x 44"D x 76"H	72"L x 30"H	515 lbs.
13252	115V	6 Ft.	72" x 32"	74"L x 51"D x 76"H	72"L x 30"H	530 lbs.
13253	115V	8 Ft.	96" x 25"	98"L x 44"D x 76"H	96"L x 30"H	700 lbs.
13254	115V	8 Ft.	96" x 32"	98"L x 51"D x 76"H	96"L x 30"H	730 lbs.

*NOTE: Fluorescent light tubes not included*

## Options

208-230V, 50/60 hz motor	Casters with brakes	ESD Acrylic side and back panels
277V, 60 hz motor	Duplex electrical outlets	ESD work surface
250V, 50 hz lighting for export models	Front Face Shields	Stainless steel work surface
Duct Collar Adaptor, 10" or 12" diameter	Magnehelic Gage	Static Control Package
ULPA Filter 99.9995% eff @ 0.12 micron or larger	Perforated work surface	

Refer to following pages for more options