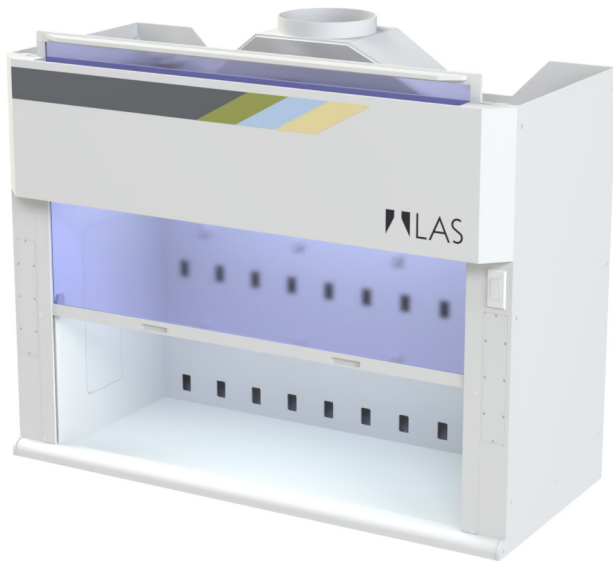


LAS-1000 Rust Free Polypropylene Fume Hood



Upgrade your lab with the LAS-1000 Polypropylene Fume Hood. Designed for wet labs and metal-free environments, this fume hood effectively contains and exhausts corrosive chemicals, organic solvents, and acidic materials.

Experience enhanced performance, longevity, and exceptional acid digestion capability with this durable and reliable fume hood. Perfect for analytical chemistry and food testing applications.

INDUSTRIES SERVED

Analytical Chemistry
Trace Metal Analysis
Water Treatment
Toxicology
Salt Water and Marine Science
Semiconductor Manufacturing
Food and Beverage

STANDARD FEATURES

- 1/2" (13 mm) Stress-relieved all seam-welded polypropylene
- 3 ft, 4 ft, 5 ft, 6 ft or 8 ft Widths
- 24" or 30" Deep work surfaces
- Sealed interior (2) bulb LED lighting to 100 fc
- Counterbalanced clear polycarbonate view screen
- Smooth view screen movement with Kevlar® banding
- 30" Nominal view screen opening with sash stop at 18"
- Rear exhaust baffle removable for maintenance
- Rectangle to round exhaust connection
- Polypropylene work surface
- Lower work access airfoil
- Modular electrical component construction sealed in PVC box with access panel
- Flush-mounted interior & exterior plumbing access panels
- All negative-pressure interior
- Constant air volume

OPTIONAL FEATURES

- Variable air volume
- ADA-designed configuration
- TEL air flow monitor/alarm
- Remote controlled service valves in PVC, PVDF, Teflon® or polypropylene
- PVDF deionized water or nitrogen spray gun
- Clear PVC counterbalanced view screen
- Remote-controlled polypropylene, PVC or PVDF gooseneck faucets
- Acid digestion - lattice "monkey bar"
- Rear exhaust duct wash down
- Polypropylene exhaust damper
- Epoxy resin work surface
- Hospital grade GFCI electrical outlets
- Cup sink or custom size sinks
- Flame retardant polypropylene, PVDF or Halar® lined work zone
- PVDF liquid/air aspirators to siphon chemicals
- Acid (vented) and flammable base cabinets
- Ceiling enclosures
- Auto closing sash
- Separate blower / light switches
- 220V / 50 Hz

LAS-1000 Data Sheet

OVERALL DIMENSIONS

	3 FOOT	4 FOOT	5 FOOT	6 FOOT	7 FOOT
Width	36"	48"	60"	72"	96"
Depth (24"/30" Work Zone)	30"/36"	30"/36"	30"/36"	30"/36"	30"/36"
Height	54.5"	54.5"	54.5"	54.5"	54.5"
Height (with transition)	59.5"	59.5"	59.5"	59.5"	59.5"

WORK AREA DIMENSIONS

Width	24"	36"	48"	60"	84"
Depth (24"/30" Work Zone)	24"/30"	24"/30"	24"/30"	24"/30"	24"/30"
Height	30"	30"	30"	30"	30"
Height (To Peak)	46"	46"	46"	46"	46"

EXHAUST CHARACTERISTICS

Inflow Velocity	100 fpm	100 fpm	100 fpm	100 fpm	100 fpm
Exhaust Volume	319 cFM	469 cFM	619 cFM	769 cFM	1069 cFM
Static Exhaust	0.2" W.G.	0.3" W.G.	0.4" W.G.	0.5" W.G.	0.7" W.G.
Exhaust Duct Opening	12"	12"	12"	12"	12"

SHIPPING WEIGHT

24" Work Surface	625 lbs	700 lbs	740 lbs	830 lbs	1250 lbs
30" Work Surface	660 lbs	750 lbs	850 lbs	920 lbs	1340 lbs

WARRANTY 1 Year Limited Warranty

ELECTRICAL REQUIREMENTS 115/230 VAC, 60/50 Hz, 1 Amp - depending on model
If more amperage is required, separate circuits can be provided at additional cost.
PVC junction box is provided for electrical connections

STANDARDS ASHRAE Standard 110-2016
SEFA 1
UL, UL-1805, UL-C
CE

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