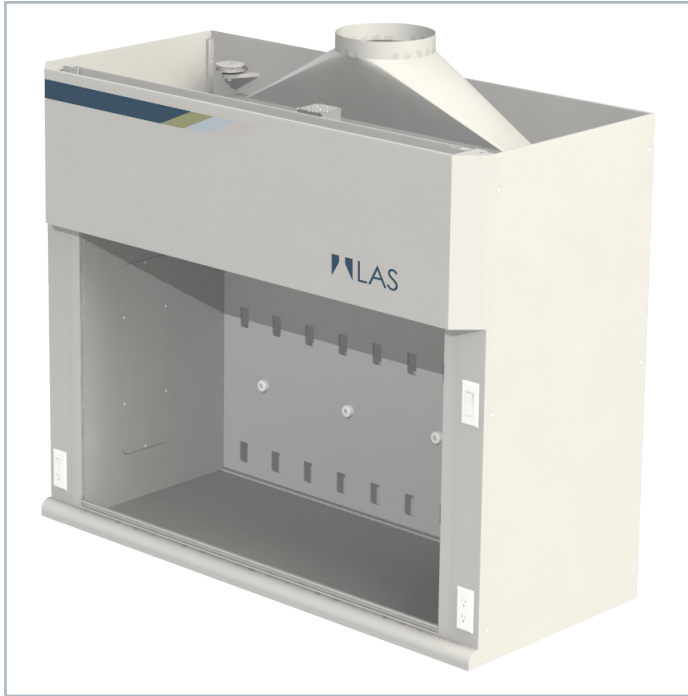


LAS-1000 Rust Free Polypropylene Fume Hood



LabAire Systems manufactures Polypropylene Fume Hoods for applications using acids, organic solvents and other corrosive materials in environments that would otherwise deteriorate standard metal fume hoods. The LAS-1000 is designed to contain and exhaust all airborne material inside the work area, providing a rust-free solution.

INDUSTRIES SERVED

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

STANDARD FEATURES

- 3ft, 4ft, 5ft, 6ft or 8ft Widths
- 24" or 30" Deep Work Surfaces
- Sealed Interior (2) Bulb LED Lighting to 100 Foot Candles
- Separate Blower / Light Switches
- Counterbalanced Clear Polycarbonate View Screen
- Smooth View Screen Movement with Kevlar® Banding
- 30" View Screen Opening
- Rear Exhaust Baffle Removable for Maintenance
- Rectangle to Round Exhaust Connection
- Polypropylene Work Surface
- 110V / 60 Hz or 220V / 50 Hz Available
- Lower Work Access Airfoil
- All Plastic Electrical Junction Box and Encased Wiring
- Base Cabinet (if ordered) Exhaust Connections
- Flush Mounted Interior / Exterior Plumbing Access Panels
- All Negative Pressure Interior

OPTIONAL FEATURES

- Constant Air Volume/Variable Air Volume
- ADA Designed Configuration
- Inflow Air Monitor / Alarm
- Remote Polypropylene Service Valves and Petcocks
- Teflon® DI / N2 Spray Gun
- Clear PVC or Glass 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
- Standard or GFCI Electrical Outlets
- Cup Sink or Custom Size Sinks
- PVDF Lined Interior
- Acid (Vented) and Flammable Base Cabinets
- Standard Flame Retardant or FM4910 Polypropylene Material



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Bloomington, MN 55431



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www.labairesystems.com

LAS-1000 Data Sheet

OVERALL DIMENSIONS

	3 FOOT	4 FOOT	5 FOOT	6 FOOT	8 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"

AIRFLOW 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"	14"
Light Intensity Foot Candles	93	93	140	167	167

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 Parts and Labor

STANDARDS

ASHRAE Standard 110-1995,
SEFA 1-1992, UL, UL-1805, UL-C,
CE



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