

LAS-3000 Polypropylene Vertical Airflow Fume Hood



LabAire designed the LAS-3000 fume hood to create an environment to exceed NSF Standard No. 49 for Class II Biological Safety Cabinets for applications using highly corrosive materials. This rust free cabinet is ideal for industries where personnel and product protection is required.

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
- Vertical (HEPA) Airstream to ISO 5
- Large Pre-Filter
- Easy to Remove Filters
- Sealed Interior LED Lighting to 100 Foot Candles
- Separate Blower / Light Switches
- Counterbalanced Clear Polycarbonate View Screen
- Smooth View Screen Movement with Kevlar® Banding
- 20" View Screen Opening
- Rear Baffle Removable for Maintenance
- Rectangle to Round Exhaust Connection
- Removable Perforated Polypropylene Work Surface
- 110V / 60 Hz or 220V / 50 Hz Available
- All Plastic Electrical Junction Box and Encased Wiring
- Base Cabinet (if ordered) Exhaust Connections
- Flush Mounted Interior / Exterior Plumbing Access Panels
- Solid State Motor Controller

OPTIONAL FEATURES

- ADA Designed Configuration
- Exhaust Airflow Monitor / Alarm
- Vertical (ULPA) Airstream to ISO 4
- Cup Sink or Custom Size Sink
- Minihelic Gauge
- 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
- Standard Electrical Outlets
- GFCI Electrical Outlets
- PVDF Lined Interior
- Acid (Vented) and Flammable Base Cabinets
- Standard Flame Retardant or FM4910 Polypropylene Material



9650 Newton Ave. S
Bloomington, MN 55431



877.410.4910



www.labairesystems.com

LAS-3000 Data Sheet

OVERALL DIMENSIONS

	3 FOOT	4 FOOT	5 FOOT	6 FOOT	8 FOOT
Width	36"	48"	60"	72"	96"
Depth	30"/36"	30"/36"	30"/36"	30"/36"	30"/36"
Height	57.5"	57.5"	57.5"	57.5"	57.5"
Height (with transition)	64"	64"	64"	64"	64"

WORK AREA DIMENSIONS

Width	24"	36"	48"	60"	84"
Depth (24"/30" Work Surface)	24"/30"	24"/30"	24"/30"	24"/30"	24"/30"

AIRFLOW CHARACTERISTICS

Inflow Velocity	100 fpm	100 fpm	100 fpm	100 fpm	100 fpm
Downflow Velocity	60 fpm	60 fpm	60 fpm	60 fpm	60 fpm
Exhaust Volume 24"/30"	448/514	671/770	894/1026	1119/1283	1565/1796
Static Exhaust	0.8" W.G.	0.8" W.G.	0.8" W.G.	0.8" W.G.	1.5" W.G.
Exhaust Duct Opening	12"	12"	12"	12"	14"
Light Intensity Foot Candles	100	100	100	100	100

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

TESTING

ASHRAE Standard 110-1995,
SEFA 1-1992, UL, UL-1805,
UL-C, CE, ISO 5, ISO 4



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