

Esco Airstream® Gen 3 Laminar Flow Cabinet, Vertical
LVG-5AG-F8



**Representative image only. Actual size may vary.*

KEY FEATURES

- ✓ ULPA Filter
- ✓ ISO Class 3 Work zone
- ✓ Equipped with DC ECM motor for up to 70% energy savings
- ✓ ISOCIDE™ Antimicrobial Powder coating
- ✓ Sentinel™ Gold Microprocessor controller
- ✓ Low noise at only 55.6 dBA



ISOCIDE™



A. General Construction

- External Dimensions (Width x Depth x Height)
 - Without Base stand: 1645 x 784 x 1270 mm (64.8" x 30.8" x 50.0")
 - With Optional Base stand 711 mm (28"): 1645 x 784 x 1981 mm (64.8" x 30.8" x 78.0")
- Internal Work Area Dimensions (Width x Depth x Height)
 - 1575 x 739 x 689 mm (62.0" x 29.1" x 27.1")
 - Area: 1.0 m² (10.7 ft²)
- Material
 - Main body: 1.2 mm (0.05") 18-gauge electro-galvanized steel with white oven-baked epoxy-polyester powder-coated finish
 - Work Zone: Abrasion and corrosion resistant 304 grade, 1.2 mm 18-gauge stainless steel with 4B finish
 - Side walls: UV absorbing tempered glass, 5 mm (0.2"), colorless and transparent
 - ISOCIDE™ Antimicrobial Powder coating

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- Weight
 - 199 kg (438 lbs) (Excluding optional stand)
- B. Blower and Filtration**
 - Equipped with one Direct current Electronically Commutated Motor (DC ECM)
 - Low heat and low energy consumption offering 70% more energy savings
 - Auto-compensating feature that adjusts blower speed in order to maintain the optimum airflow in case of filter loading.
 - Vertical-type laminar flow cabinet
 - Ultra-low Particulate Air (ULPA) / H14 filter with 99.999% efficiency at 0.3 µm
 - Disposable polyester fiber pre-filters with G3 (EU3) rating (85% arrestance)
 - Nominal airflow velocity of 0.45 m/s (90 fpm)
 - ISO 14644-1 Class 3 air quality
 - AutoPurge™ slots designed to eliminate air turbulence and the possibility of dead air corners
- C. Control Panel and Electrical**
 - Sentinel™ Gold Microprocessor Controller
 - Four-line LCD display
 - Soft touch keys for Blower, Light, and UV lamp with LED indicator
 - UV timer
 - Audible and visual alarms
 - Electrical Requirements
 - Power rating: 220-240 V AC 50/60 Hz, 1 Ø
 - Nominal Power: 199 W
 - Heat dissipation: 679 BTU/h
 - Lighting
 - Fluorescent lamp intensity: 894 Lux
 - UV Decontamination
 - Optional UV lamp (253.7 nm). Must come with front cover
- D. Ergonomics**
 - Centered and angled-down location of the control panel
 - Low noise emission of 55.6 dBA
 - Optional armrest, ergonomic footrest and lab chair
 - Recessed central area of work top contains accidental liquid spills.
- E. Accessories**
 - UV lamp, Front cover, Support stand (Leveling feet, Caster wheels, telescoping), Service fixtures (Gas, water etc.), IV Bar, armrest, Footrest, and ergonomic lab chair.