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 53.2 dBA

A. General Construction

- External Dimensions (Width x Depth x Height)
    - Without Base stand: 1035 x 795 x 1118 mm (40.8" x 31.3" x 44.0")
    - With Optional Base stand 711 mm (28"): 1035 x 795x 1829 mm (40.8" x 31.3" x 72.0")
- Internal Work Area Dimensions (Width x Depth x Height)
    - 898 x 631 x 573 mm (35.4" x 24.8" x 22.6")
    - Area: 0.5 m² (5.4 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

- Weight
    - 100 kg (220 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.
- Horizontal-type laminar flow cabinet
    - One (1) Ultra low Particulate Air (ULPA) / H14 filter with 99.999% efficiency at 0.3 µm
    - Two (2) 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

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: 140 W
    - Heat dissipation: 478 BTU/h
- Lighting
    - Fluorescent lamp intensity: 1045 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 53.2 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.