



# GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

## VERTICAL LAMINAR FLOW HOOD WITH SS SIDES & SIMPLE SWITCHES -EXH



\*Shown above on optional base stand

- Rocker Switches**
  - Easy to use rocker switches
  - Displays filter loading status
  
- Ergonomic Control Panel Location**
  - Located on the center and angled down
  - ADA Compliant
  
- Work Top**
  - The spill-retaining work top design with a recessed central area contains accidental liquid spills
  
- Energy Efficient ECM Motor**
  - Powered by latest generation ECM motor, that is more efficient than legacy ECM and VFD motors
  - 70% Energy savings compared to AC motor
  - Stable airflow, despite building voltage fluctuations and filter loading
  
- Quiet Operation**
  - World's leading low noise laminar flow cabinet
  - Reduce fatigue and improve work concentration
  
- ULPA Filter**
  - 10x Filtration efficiency of HEPA filter. Creates ISO Class 4 work zone instead of industry standard ISO Class 5
  
- ISOCIDE Powder Coat**
  - Silver-ion impregnated powder coat
  - Inhibit microbial growth to improve safety

Part Number	4VS-CS	5VS-CS	6VS-CS	8VS-CS
External Dimensions (WxDxH)	52.8" x 32.4" x 64.8"	64.8" x 32.4" x 64.8"	76.8" x 32.4" x 64.8"	99.2" x 32.4" x 64.8"
Internal Dimensions (WxDxH)	48.1" x 27" x 34.5"	60.1" x 27" x 34.5"	72" x 27" x 34.5"	95" x 27" x 34.5"
Internal Work Area	8.6 sq.ft. (0.8 m2)	10.7sq.ft. (1 m2)	14 sq.ft. (1.3 m2)	17.2 sq.ft. (1.6 m2)
Average Airflow Velocity	90 fpm (0.45 m/s) at initial set point			
Air Volume	843 cfm (1432 m3/h)	1045 cfm (1776 m3/h)	1248 cfm (2120 m3/h)	1626 cfm (2762 m3/h)
ULPA Filter Typical Efficiency	> 99.999% at particle size between 0.1 to 0.3 microns			
Sound Emission per IEST-RP-CC002.2	55.6 dBA	56 dBA	56.2 dBA	62.8 dBA
Fluorescent Lamp Intensity at Zero Ambient	84 foot candles (904 Lux)	83 foot candles (894 Lux)	99 foot candles (1062 Lux)	102 foot candles (1100 Lux)
Cabinet Construction	Main Body	0.05" 18 gauge electro-galvanized steel with white oven-baked epoxy-polyester powder coated finish		
	Work Zone	0.05" 18 gauge stainless steel, grade 304 with 4B finish		
	Inside Side Walls	0.05" 18 gauge stainless steel, grade 304 with 4B finish		
Electrical	110-130VAC , AC, 60Hz, 1 phase			