



GENEVA SCIENTIFIC

LAB EQUIPMENT SOLUTIONS

HORIZONTAL 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	4HS-CS	6HS-CS	8HS-CS
External Dimensions (WxDxH)	52.8" x 31" x 56"	76.8" x 31" x 56"	99.2" x 31" x 56"
Internal Dimensions (WxDxH)	45.7" x 23.5" x 34.5"	69.7" x 23.5" x 34.5"	92.1" x 23.5" x 34.5"
Internal Work Area	7.5 sq.ft. (0.7 m2)	10.8 sq.ft. (1 m2)	15 sq.ft. (1.4 m2)
Average Airflow Velocity	90 fpm (0.45 m/s) at initial set point		
Air Volume	1006 cfm (1709 m3/h)	1516 cfm (2576 m3/h)	1992 cfm (3385 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	59.4 dBA	62.4 dBA	65.3 dBA
Fluorescent Lamp Intensity at Zero Ambient	121 foot candles (1304 Lux)	93 foot candles (1001 Lux)	106 foot candles (1136 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		