Vertical / Horizontal Air Flow System
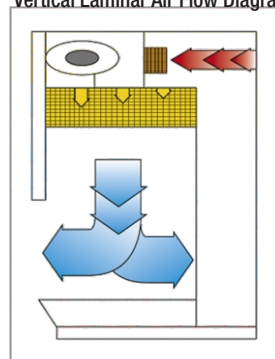
Excellent Performance by Unique designed Structure and Air Flow System

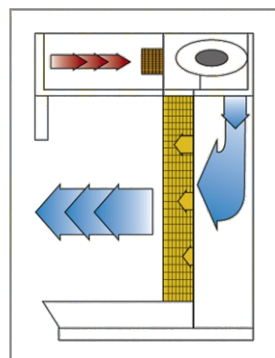Vertical Laminar Air Flow Diagram

Vertical Laminar Air Flow System

Horizontal Laminar Air Flow Diagram

Optional : ULPA Filter 99.999% W ISO Class 4 (Class 10)

Horizontal Laminar Air Flow System

Optional : Glass Structure
tempered safety glass wall
at both sides for observation view

Optional : ECB Platinium Controller
Air Velocity Control & Alarm System,
Temperature Monitoring at Work Zone

Lamiar Air Flow

▶ **Features :**

- Micro Processor Digital Controller with LCD Back Light Display
- Buit in lamps and utilities UV and Fluorescent Lamp, air and gas cock power consent are built as standard
- Low noise level and vibration free 50-60DB high efficiency air force fan blower
- Filter Replacement warning Signal by pressure gauge & Controller display
- HEPA Filter removes 99.99% of 0.3μm particles
- Built in Mesh guard for HEPA Filter protection
- One touch open front panel for easy maintenance
- Tempered safety glass sliding door for maintain high quality cleanliness and for protection from UV exposure
- Air Leak proof cabinet Structure with high clean stainless interior work station and Epoxy powder coated steel exterior for long durability
- UV sterilization with ON/OFF working timer
- ISO 14644-1, ISO Class 5 (Class 100) Standards Compliance
- Easy to replace filter from the back panel with maintenance design and structure
- Optional : ULPA Filter removes 99.999% of 0.3μm particles
- Optional : Easy to observe through tempered safety glass wall at both sides
- Optional (Platinium Controller): Air Velocity control and temperature detection and alarm function

▶ **Specifications :**

Cat. No.	716089V	716119V	716149V	716179V
Type	Vertical Laminar Air Flow System			
Inner Dimension (WxDxH) mm	890x550x595	1190x550x595	1490x550x595	1790x550x595
Outer Dimension (WxDxH) mm	1050x800x1170	1350x800x1170	1650x800x1170	1950x800x1172
Cat. No.	716089H	716119H	716149H	716179H
Type	Horizontal Laminar Air Flow System			
Inner Dimension (WxDxH) mm	890x480x650	1190x480x650	1490x550x595	1790x550x595
Outer Dimension (WxDxH) mm	1050x800x1170	1350x800x1170	1650x800x1170	1950x800x1172
Air Volume	980 m^3 / h	1350 m^3 / h	1700 m^3 / h	2030 m^3 / h
Controller	9 stage Velocity control, Total using timer, UV/FL Lamp ON/OFF			
HEPA Filter	Class 100 Purity 0.3μm Particle Removal 99.99%			
Pre Filter	3-30μm Particle Removal, Built in Back panel			
Air Flow Velocity	0.3 ~ 0.6 m /sec			
Noise Level	56-60dBA			
Light	UV 20W x 1EA, FL 20W x 1EA		UV 40W x 1EA, FL 40W x 1EA	
Interior	Stainless Steel (STS 304)			
Exterior	Stainless steel (STS 430)			
Door	Tempered Safety Glass Sliding Door			
Utility Device	Air Cock, Gas Cock, 110 / 220V Consent			
Power Supply	110V, 60Hz or 220V, 50/60 Hz			