



MODEL NO.: YSI-189

YSI VERTICAL LAMINAR AIR FLOW CABINET



Construction: All Laminar Flow Clean Air cabinets are basically constructed out of thick Cold rolled MS Sheet, which is termite and insect proof, fire retardant and weather resistant. All exterior surfaces are covered with powder coated paint. Interior surfaces are epoxy painted. Work table is made of mica top/St.Steel & side panels of thick transparent plexiglass. These are also designed for very low vibration & Noise, and high illumination level. Construction Options : (i) S.S. Table in lieu of Sunmica top. (ii). Full body made of CRC Sheet duly powder coated. (iii) Full body made of S.S. 304/316.

Lighting : Work area properly illuminated by diffused, glare free fluorescent light.

Power Requirement : 230 V 1 Phase, 50 Hz, Ac Supply.

Spare /optional Accessories :

- Satin finish S.S. Table Top (in lieu of Sunmica Top).
- Transparent front door.
- Static pressure inclined manometer.
- Built in UV Germicidal light.
- Cock for gas, air or vacuum line.
- Stainless Steel 304/316 body of top chamber, duly polished, available at extra cost.
- For IVF Applications - Heated table (37°C) and with Digital Temp. Controller.
- Particle dust count validation at site after installation, at extra cost.
- HEPA Filter
- Pre-Filter

YSI offers a comprehensive range of high performance Vertical, Laminar Flow Clean Air Cabinets. Modular construction, combines aesthetic appeal with functional utility and efficiency. These are designed to meet the requirements as per US Federal Standard 209 E, providing air to meet Class 100 conditions, with work zone.

Available in following models : Model	VL-22	VL-32	VL-42	VL-62	VL-82
Working Area	2'x2'x2'	3'x2'x2'	4'x2'x2'	6'x2'x2'	8'x2'x2'
Size of HEPAfilter	2'x2'x6"	3'x2'x6"	4'x2'x6"	3'x2'x6"	4'x2'x2"
No. of H EPA filter (Supplied with main unit)	1	1	1	2	2
No. of Pre filter (Supplied with main unit)	1	2	2	3	4
Illumination	1 x 20W	1 x 20W	2 x 40W	2 x 40W	4x40W

YSI offers a comprehensive range of high performance Horizontal, Laminar Flow Clean Air Cabinets. Modular construction, combining aesthetic appeal with functional utility and efficiency. These are designed to meet Class 100 requirements and per US Federal Standard 209 E, with in work zone.

Ideal for microbiological manipulations, sterility testing, research work & for general dry-processing work in semiconductor industry etc. Provides a comfortable 'sit down' working position for the operators.

Salient Features :

- Automatic device to switch of the air flow / Motor when door is close.
- Stand by mode (Idealing) increases filter life, avoids recleaning of working table.
- UV / Fluorescent Light inter Lock : either UV Tube will glow or Fluorescent tube will glow for the users safety.

Construction :

All Laminar Flow Clean Air cabinets are basically constructed out of CRC sheet duly power coated, which is termite and insect.

Construction Options : (i) S.S. Table in lieu of Sunmica top. (ii). Full body made of CRC Sheet duly powder coated. (iii) Full body made of S.S. 304/316

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YSI HORIZONTAL LAMINAR AIR FLOW CABINET

