

®

WEIBER



VERTICAL LAMINAR AIR FLOW





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Weiber offer an assortment of quality range of microprocessor based vertical Laminar Air Flows. They provide their usefulness for activities like filtering the air and eradicating the unhealthy particulates; thus completely developing a healthy air flow. We have also installed advanced & reliable Filter & Powerful blower module which provide filtered air across the work surface. Weiber is a leading manufacturer and supplier of Vertical Laminar Air Flow Station. Weiber specializes in both standard and customized equipments and offers onsite validation of its products.

The versatile vertical laminar flow workstations protect your products from airborne contamination and are available in a range of sizes. Moreover our microprocessor based vertical laminar Flow Cabinets provide ultra-clean working conditions for medical, general laboratory and the manufacture of sensitive electronic devices.

NOISE LEVEL

Weiber energy efficient vertical laminar air flow benches are fabricated to ensure minimum possible noise and vibration levels.

ILLUMINATION

These portable units are provided with adequate illumination at the work table by means of fluorescent lights panel concealed at the upper portion of the unit. This light arrangement conforms to the guidelines laid down in US federal standard. The illumination at the Ceiling mounted Work Table is approx > 800 lux.

PROCESS EXPLANATION

The room air is taken at the air circulation module, mixed in the module with the fresh air conditioned by the air conditioner and discharged in to the plenum chamber located above the filter canopy. The clean air after filtering flows in to the OT and forms the protection zone.

CONSTRUCTION DETAILS

Our Laminar air flow are fabricated out of thick board duly sunmica clad or mild steel duly epoxy coated or stainless steel-304 . The Floor Standing work table is made of thick board which is sunmica clad at top or S. S Table top will be provided as optional accessories. Moreover the custom made unit is fitted with pre-filter and is made to pass through highly effective HEPA (High Efficiency Particular Air) filter having efficiency rating as high as 99.997%.

APPLICATIONS

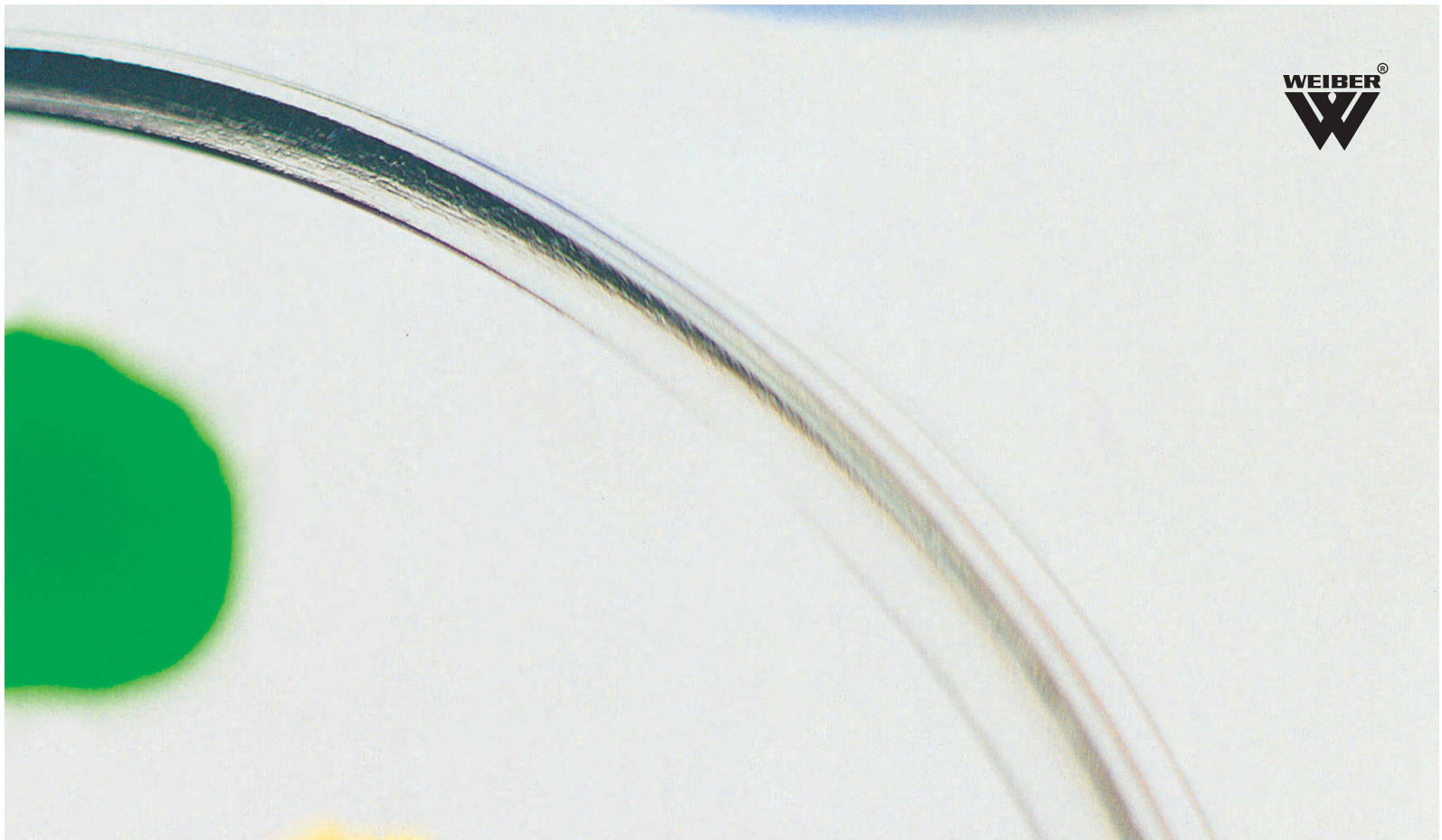
- Animal husbandry
- Biotechnology
- Medical sector
- General laboratory
- Pharmaceuticals
- Clean Room
- Tissue culture & microbiology labs
- Veterinary science & seed science
- Entomology & pathology

SALIENT FEATURES

- 99.999% efficiency at 0.3 μ particle
- Homogeneous Laminar flow
- No Dead Zones
- CE marked & NABL certified
- Minimal Turbulence
- Cost effective

TECHNICAL SPECIFICATIONS

Cabinet construction	Industrial grade mica clad wooden board / mild steel / SS-304
Frequency	50
Nominal voltage	220-230 volts
Air flow	Unidirectional
Noise pressure(dB) (A)	<54dB
Pre filter unit	Washable pre filter unit
Illumination	Fluorescent light illumination greater than 800 lux
Power Requirements	500-750 watts



VERTICAL LAMINAR AIR FLOW STANDARD SIZES

Model	LV-22	LV-32	LV-42	LV-62	LV-82
Working Size	2' x 2' x 2'	3' x 2' x 2'	4' x 2' x 2'	6' x 2' x 2'	8' x 2' x 2'
Size of HEPA Filter	2' x 2' x 6"	3' x 2' x 6"	4' x 2' x 6"	3' x 2' x 6"	4' x 2' x 6"
No. of HEPA Filter	1	1	1	2	2
Illumination	1 x 20 w	1 x 20 w	2 x 40 w	2 x 40 w	4 x 40 w





An ISO 9001 : 2208 | ISO 14001 : 2008 | ISO 13485
WHO: GMP Products | GLP Compliant Products

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