

YORLAB® LAMINAR FLOW WALL MODULE **Model No.: YSL / YSI-187**

Specifications:

- YORLAB offers a comprehensive range of high performance Laminar Flow Clean Air Modules, combining aesthetic appeal with functional utility and efficiency.
- These self standing modules provide Clean Air horizontally to specific work areas/ closed rooms for upgrading general room cleanliness level.
- These can also be positioned behind/ over heavy equipment.
- Suitable for Pharmaceutical Industries, O/T, Nursing Homes, Research Labs etc.
- These can be placed side to side to provide wall to wall horizontal flow of Clean Air.
- These provide class 100 filter air as per US Fed STD 209E, using HEPA Filters of 99.97% efficiency down to 0.3 microns. Construction :
- All Modules are basically constructed out of pre treated, dully power coated CRC sheets Interior surfaces are epoxy painted.

Air Flow and Filtration :

- Laminar Flow principle involves double filtration of air. Atmospheric air is drawn through pre filter and is made to pass through highly effective HEPA (High Efficiency Particular Air) filters having efficiency rating as high as 99.99% with cold DOP and 99.97% with hot DOP, thus retaining all airborne particles of size 0.3 micron and larger.
- Double filtered air blows in laminar flow through the worktable at designed velocity of 90 ft. min. \pm 20%.

Blower Motor Assembly :

- Duly balanced, direct drive motor blower units sized to provide adequate air flow volume over the entire surface of HEPA filter.
- Fitted with reputed make motor and operates with minimum Noise Level lower than 65 db on 'A scale and Vibration less than 2.5 μ rms.
- Power Requirement: 230 V. 1 Phase, 50 Hz, Ac Supply.



Construction Options :

Full body made of S.S. 304/316

Model	WL-32	WL-42	WL-62
Hepa Area.	3' x 2'	4' x 2'	6' x 2'
HEPA Filter	3' x 2' x 6"	4' x 2' x 6"	3' x 2' x 6"
Hepa Filter qty.	1	1	2

Spare/Optional Accessories :

- Static Pressure Manometer.
- Built in U.V. Germicidal Light.
- Castor wheels.