

Movable Laminar Sterile Transfer Trolley



## Laminar Flow Horizontal Trolley / Laminar Flow Vertical Trolley

### Introduction

Laminar Flow Horizontal or Vertical Trolleys provide enhanced aseptic work zones by utilizing uni-directional airflow to purge the working environment from contaminants. It allows aseptic transfer of materials throughout the pharmaceutical plant.

Laminar Trolleys are customizable units that can provide:

- Aseptic zones for product protection with single pass or re-circulatory flow.
- Operator or environment protection with re-circulatory airflow and negative pressure with respect to ambient.

### Applications

- Transfer of lyophilized vials to and from freeze driers.
- Transfer of process skids or feed hoppers.
- Provision of aseptic work zones.

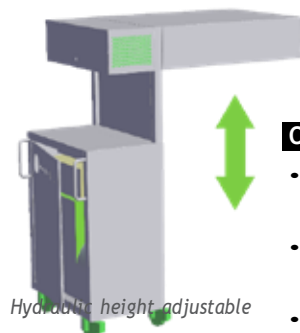
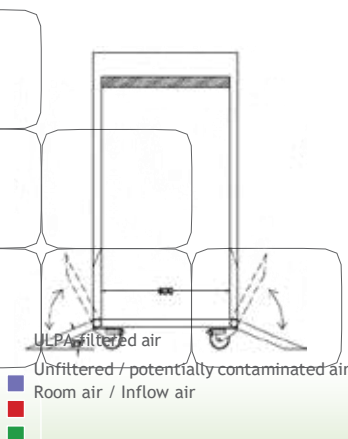
### Basic Principles

- Room air is drawn via an EU6 prefilter before entering perforated diffuser into the supply plenum.
- Airflow passes through a baffle system prior to gel seal HEPA filtration, creating a low decibel aseptic work zone for operator comfort.

### Standard Features

- Easy to clean design with single welded construction.
- Tempered glass doors
- Stainless steel hinges
- HEPA/ULPA knife edge gel-sealed design better than conventional gasket sealed.
- Sentinel™ Silver microprocessor control with audio and visual alarms for downflow velocity.
- Zoned magnehelic gauges for filter loading
- PU Wheels
- Special food grade FDA approved air tight seal
- 10 mm glass windows with plastic latches
- Magnehelic differential pressure gauges for monitoring filter lifespan.
- Battery for onboard power when not connected to main building supply.
- Emergency stop

### Optional Configurations



### Options

- Hydraulic adjustable stands
- Electromagnetic interlocking doors
- Splashproof electrical outlets
- PVC Curtains
- Main body is electro-galvanized steel with ISOCIDETM antimicrobial coating

### Airflow Patterns

- Single Pass
- Re-circulatory

## Guide to Models

### LFVT - A-EG - - S-P-2

Product Code	MOC-	Internal Width	Internal Dimension	Internal Height	Airflow Pattern	Airflow Pressure	Battery Life (Hrs)
V- Vertical airflow	A-EG Steel Exterior/Interior with SS304 base.	TBD	TBD	TBD	S-Single Pass R-Recirculatory	P-Positive N-Negative	Two hours (standard)
H-Horizontal airflow	B-SS Full SS304 right angle corners.	TBD	TBD	TBD			

\* TBD - To be discussed according to the customers' preference.



Air Shower  
Aseptic Containment Isolator (ACTI)  
Ceiling Laminar Airflow Units  
Cleanroom Transfer Hatch  
Containment Barrier Isolator (CBI)  
Compounding Aseptic Isolator  
Compounding Aseptic Containment Isolator  
Downflow Booth (DFB)  
Dynamic Floor Label Hatch  
Dynamic Pass Box  
Evidence Drying Cabinet  
Laminar Flow Storage Cabinet  
General Processing Platform Isolator (GPPI)  
Healthcare Platform Isolator  
Laminar Flow Horizontal Trolley  
Laminar Flow Straddle Units, Single and Double Laminar  
Flow Vertical Trolley  
Pass Box  
Soft Wall Cleanroom  
Sputum Booth  
Ventilated Balance Enclosure (VBE)  
Weighing and Dispensing Containment Isolator (WDCI)

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