LAB SETUP
AMERICA

PRODUCT BROCHURE | LABORATORY & CLEANROOM EQUIPMENT

Ceiling Laminar Flow Units

Ceiling-mounted laminar airflow units delivering HEPA/ULPA-filtered unidirectional air over critical process areas



- Ceiling mounted
- Filtered laminar airflow
- Cleanroom process zones
- www.lsamerica.com



CLAF

Introduction

The Esco CLAF™ Ceiling Laminar Airflow is a containment equipment module utilized to provide a zoned laminar down-flow airflow. The purpose of this equipment is to provide laminar airflow to a working area for product protection.

Ceiling Laminar Airflows are customizable units that are:

- Utilized as open restricted access barriers over filling and capping machines.
- Stand alone units mounted via eye bolts and drop rods over specific applications.
- Stand alone units mounted over mobile stands for mobile aseptic zones.

Basic Principles

- Room air is drawn pre-filtered via an EU6 prefilter before entering via the perforated diffuser into supply plenum.
- A special baffle system that channels the airflow through the gel-sealed HEPA filters as downflow supply creating an aseptic work zone with low noise.

Key Features

- Easy to clean.
- HEPA/ULPA gel-sealed design better than conventional gasket sealed.
- Sentinel silver micrprocessor control with audio/visual alarms for downflow velocity.
- Zoned magnehelic gauges for filter loading.
- Energy efficient teardrop lightings away from downflow.
- Emergency stop

Optional Features

- Remote mounted main control panel
- Splashproof electrical outlets
- PVC Curtains
- Splashproof electrical outlets

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Guide to Models

CLAF-PC-1 -AC-H13

Product Code	Materials of Construction	Electrical Code	External Width	External Dimension	External Height	Fan	Filter Type
CLAF	**PC** - Powder coated EG Steel **S1** - Stainless Steel 304 **S2** - Stainless Steel 316 L	**1** - 220-240 VAC 50/60 Hz **2** - 110-130 VAC 50/60 Hz **3** - 100-110 VAC 50/60 Hz	TBD*	TBD*	TBD*	AC EC	H13 H14 U15 Ohers

** To be discussed according to customers' preference*

Electrical Supply Options

1 = 220-240 VAC 50 / 60 Hz

2 = 110-130 VAC 50 / 60 Hz

3 = 100-110 VAC 50 / 60 Hz

LAB SETUP AMERICA

Ceiling Laminar Flow Units from Lab Setup America

Lab Setup America supplies laboratory casework, fume hoods, containment and cleanroom equipment, worksurfaces, fixtures and installation — backed by more than 40 years of combined experience. Contact us for product selection, layout and a complete quotation.

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LAB DESIGN & SPACE PLANNING · CASEWORK · FUME HOODS · CONTAINMENT · INSTALLATION

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