



# EdgeGARD® e3 HF

The EdgeGARD® e3 HF clean bench with a brightly illuminated, spacious work area and unique high-velocity air return slots, offers superior user comfort, product protection and productivity. Equipped with a HEPA supply air filter, the increased laminar airflow provides a greater workable area and a particulate-free work surface. The cabinet design of the EdgeGARD® e3 HF provides precise control of airflow volumes and velocities, thereby maximizing product protection and ensuring ISO Class 4 (Class 10) cleanliness in the work area.



Our high-performance clean benches are built with you in mind, with industry-leading ergonomics, energy-efficient engineering, and the lowest life cycle costs available. EdgeGARD® e3 HF helps you work more comfortably, boost productivity, save money and minimize environmental impact.

## FEATURES

- High Performance airflow system provides uniform airflow to work surface, maximizing product protection and helping meet up to ISO Class 4 (Class 10) air cleanliness requirements.
- Front access to filter for ease of maintenance.
- State of the art StediFLOW™ VFD motor controller improves performance, extends filter life and reduces operating costs and downtime by regulating and controlling airflow more efficiently.
- Standard pre-filter for extended filter life located in easy to access drawer for quick replacement.
- High-velocity return air slots maximize cleanliness and product protection by precisely controlling airflow volumes and velocities.
- New removable work surface for increased sterility and easy cleaning.



Scan for more information

## APPLICATION

EdgeGARD® prevents contaminated room air from entering the work area and contaminating work, for use in medical research laboratories, hospitals, manufacturing facilities, plant tissue culture, and pharmaceutical compounding environments.



## TECHNICAL SPECIFICATION

Model Number	EG301	EG401	EG501	EG601	EG801
<b>Exterior Dimensions</b>					
Nominal Size	3'	4'	5'	6'	8'
Exterior Footprint ( <i>w x d</i> )	41 x 30 1/2"	53 x 30 1/2"	65 x 30 1/2"	77 x 30 1/2"	100 x 30 1/2"
Min Height ( <i>w/telescoping legs and leveling feet</i> )	70"				
Max Height ( <i>w/telescoping legs and leveling feet</i> )	81.5"				N/A
<b>Interior Dimensions</b>					
Interior Footprint ( <i>w x d</i> )	35 X 20 5/16"	47 x 20 5/16"	59 x 20 5/16"	71 x 20 5/16"	95 x 20 5/16"
Height ( <i>h</i> )	34"				
<b>Weights</b>					
Cabinet ( <i>lbs., w/telescoping legs</i> )	425 Lbs.	460 Lbs.	509 Lbs.	665 Lbs.	835 Lbs.
Cabinet ( <i>lbs., w/hydraulic lift</i> )	481 Lbs.	521 Lbs.	575 Lbs.	736 Lbs.	N/A
<b>Performance</b>					
Supply Volume ( <i>at 90 FPM</i> )	744 CFM	999 CFM	1254 CFM	1509 CFM	2019 CFM
Lighting	Minimum 100 ft candles average at work surface				
<b>Electrical</b>					
Normal Operating Amperage (115V)	2.7A	3.9A	6.8A	5.6A	10.3A
Power Cord	One 20' (6m) power cord with 20A type NEMA 5-20P				
Service Requirement	115 V AC, 20A, 60 Hz, 1Ø, 16A maximum useable current				

## RESOURCES

Scan the codes to view our helpful resources to maximise the use of the EdgeGARD®.



First Air Dynamics  
Video



Suction Slot  
Performance



Cleaning  
EdgeGARD®

