

# Enviro-Gard™ Duplex™ Environmental Control Systems.

Enviro-Gard™ Duplex™ delivers state of the art controls designed to take the guesswork out of equipment operation and performance. As the HEPA filter loads with particulate, fan speed is automatically adjusted with a combination of microprocessor and volumetric airflow sensor technologies that control and maintain precise airflow. Enviro-Gard™ Duplex™ Units are equipped with easy to view displays and available for wall mounted, ceiling suspended or mobile applications.

Enviro-Gard™ Duplex™ HEPA Filtered Air Supply & Air Exhaust Systems. One Duplex™ handles 2 ventilated racks at once.

- Maintains Precise Airflow with Microprocessor Controls
- Takes the Guesswork Out of Operation and Performance
- Handles Different Styles of Micro-Isolator™ Ventilated Racks Simultaneously
- Capacity: 110 CFM Output (may vary with selection of duct design)
- Monitors Airflow, Filters and Fan
- Large LED Digital Display of Accurate Airflow (ACH & CFM or CMH)
- LCD Digital Display of numerous Operational Parameters
- LED Status (red/green indicators) of HEPA filter, Pre-filter and Fan
- Interface Option for Cage Monitor Control Unit (Cage Level Data)
- Configurations: Supply Only, Exhaust Only or Supply & Exhaust
- Can be Wall Mounted, Mobile or Ceiling Suspended
- Exhaust Connection Option with Facility HVAC Systems
- Large HEPA Filter for Extended Life
- Energy Efficient with Low Noise and Low Vibration



59040E



59040S

## Enviro-Gard™ Duplex™ Environmental Control Systems Dual-rack HEPA Filtered Air Supply and Exhaust Units

Enviro-Gard™ Duplex™ Catalog Number	Airflow	Description	Overall Dimensions (in. /mm)			Weight	Pre-filter	HEPA Filter	²Digital Displays	Power Requirements
			Width	Depth	Height					
59040S	Positive	¹Wall Mounted	31.25 793.75	13.00 330.20	13.00 330.20	53 lbs. 24.04 kg	59047	59014	LED & LCD	110 to 230 VAC 50/60 Hz
59040E	Negative	¹Wall Mounted	31.25 793.75	13.00 330.20	13.00 330.20	55 lbs. 24.94 kg	59047	59014	LED & LCD	
59040SE	Positive & Negative	¹Wall Mounted	Final dimensions and weights are determined by each specific application. Contact Lab Products for details.				59047 2 per unit	59014 2 per unit	LED & LCD	
59041S	Negative	Mobile					59047	59014	LED & LCD	
59041E	Positive	Mobile					59047	59014	LED & LCD	
59041SE	Positive & Negative	Mobile					59047 2 per unit	59014 2 per unit	LED & LCD	

1) Wall mounting hardware sold separately. 2) LED display of Supply Unit Air Changes per Hour (ACH) and Exhaust Unit Cubic Feet per Minute (CFM) or Cubic Meters per Hour (CMH). LCD display of operational parameters (scrolling menu). Ducting and related hardware for connection to ventilated racks sold separately. Enviro-Gard™ Duplex interfaces with Cage Monitor Control Units and with Enviro-Gard™ i Facility Integration Software. Contact Lab Products for details.