

# Enviro-Gard™ MultiPlex™ Environmental Control Systems.

Enviro-Gard™ MultiPlex™ 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™ MultiPlex™ Units are equipped with easy to view displays and available for wall mounted, ceiling suspended or mobile applications.

Enviro-Gard™ MultiPlex™ HEPA Filtered Air Supply & Air Exhaust Systems.  
One MultiPlex™ handles up to 10 ventilated racks at once!

- Maintains Precise Airflow with Microprocessor Controls
- Takes the Guesswork Out of Operation and Performance
- Handles Different Styles of Micro-Isolator™ Ventilating Racks Simultaneously
- Capacity: 400 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
- Available in Free Standing, Wall Mount, Mobile or Ceiling Suspended Designs
- Exhaust Connection Option with Facility HVAC Systems
- Large HEPA Filter for Extended Life



59042S

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

Enviro-Gard™ MultiPlex™ Catalog Number	Air Flow	Description	Overall Dimensions (in. /mm)			Weight	Pre-filter	HEPA Filter	Digital Displays	Power Requirements
			Width	Depth	Height					
59042S	Positive	Wall Mounted	24.00 609.60	20.00 508.00	75.50 1917.70	134 lbs. 60.78 kg	640091	640558	LED & LCD	110 to 230 VAC 50/60 Hz
59042E	Negative	Wall Mounted	24.00 609.60	20.00 508.00	75.50 1917.70	134 lbs. 60.78 kg	640091	640558	LED & LCD	
59042SE	Positive & Negative	Wall Mounted	24.00 609.60	40.00 1016.00	75.50 1917.70	250 lbs. 113.64 kg	640091 2 per unit	640558 2 per unit	LED & LCD	
59043S	Negative	Mobile	24.00 609.60	20.00 508.00	78.50 1993.90	134 lbs. 60.78 kg	640091	640558	LED & LCD	
59043E	Positive	Mobile	24.00 609.60	20.00 508.00	78.50 1993.90	134 lbs. 60.78 kg	640091	640558	LED & LCD	
59043SE	Positive & Negative	Mobile	24.00 609.60	40.00 1016.00	78.50 1993.90	250 lbs. 113.64 kg	640091 2 per unit	640558 2 per unit	LED & LCD	
59044S	Negative	Free-standing	24.00 609.60	20.00 508.00	75.50 1917.70	134 lbs. 60.78 kg	640091	640558	LED & LCD	
59044E	Positive	Free-standing	24.00 609.60	20.00 508.00	75.50 1917.70	134 lbs. 60.78 kg	640091	640558	LED & LCD	
59044SE	Positive & Negative	Free-standing	24.00 609.60	40.00 1016.00	75.50 1917.70	250 lbs. 113.64 kg	640091 2 per unit	640558 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). Ducts and related hardware for connection to ventilated racks sold separately. Enviro-Gard™ MultiPlex™ interfaces with Cage Monitor Control Units and with Enviro-Gard™ i Facility Integration Software. Contact Lab Products for details.