

EV Series

AGREE-Type Combined Temperature / Vibration Chambers



The EV Series AGREE style chambers are offered in various sizes and accommodate electro-dynamic, mechanical vibration systems or roll-in product carts. The EV Series offers flexibility to be used as a test chamber with or without vibration tables.

Features:

- Engineered to adapt to all vibration tables in the market.
- Dual door design available for easy loading/unloading
- Gantry and Cantilever styles available for greater testing flexibility
- Easy access side panels
- Multiple door options available



Cantilever Option



Gantry Option

AVAILABLE WITH



Design & Performance

Model Number		EV50		EV81		EVH50		EVH81	
Airflow		Ceiling				Rear-Wall			
Test Space Volume	Cubic Feet/Liters	50 / 1415		81 / 2300		50 / 1415		81 / 2300	
Test Space Dimensions	Width	44" (1118mm)		54" (1372mm)		44" (1118mm)		54" (1372mm)	
	Depth	44" (1118mm)		54" (1372mm)		44" (1118mm)		54" (1372mm)	
	Height	44" (1118mm)		48" (1219mm)		44" (1118mm)		48" (1219mm)	
Exterior Dimensions ³	Width	80" (2032mm)		80" (2032mm)		80" (2032mm)		80" (2032mm)	
	Depth	102" (2591mm)		112" (2845mm)		117" (2972mm)		132" (3353mm)	
	Height	110" (2794mm)		114" (2896mm)		95" (2413mm)		99" (2515mm)	
Temperature Change Rate ¹	Heating Rate	13°C/min	20°C/min	18°C/min	23°C/min	10°C/min	18°C/min	15°C/min	18°C/min
	Cooling Rate	13°C/min	20°C/min	18°C/min	23°C/min	10°C/min	18°C/min	15°C/min	18°C/min
Temperature Range ²	Minimum	-73°C (-99°F)							
	Maximum	+180°C (+356°F)							
Humidity Range		-				10%RH to 98%RH			

Performances are based on laboratory conditions at +24°C, 60 Hz, with cooling water inlet temperature and flow rate according to requirements.

Performances at 50 Hz may vary. Please consult with your local Sales Representative if your conditions vary.

Temperature ramp rates are average, not linear rates of change.

¹ Heating and cooling rates between +85°C and -40°C in an empty chamber; measured at the supply air

² Temperature range is limited if export license is not granted, please consult with your local sales representative

³ The height of the chamber is dictated by the various shaker table heights. The dimensions above were taken from a 35.5" (902mm) shaker table.

Custom sizes available

Engineered & Manufactured in the USA