

Vibration-Temperature (Humidity) Combined Environmental Reliability Test System

EHVC Series Rapid Vib-Tech Chamber®



※The vibration controller is mounted in the console rack. (Optional)

The EHVC Series Rapid Vib-Tech Chamber® is designed for highly accelerated life testing, the demand is increasing today. This is a joint system of the AGREE chamber and thermal shock chamber that we have manufactured and makes the temperature rate up to 16.8°C/min feasible with a compressor only. With this feature, the highly accelerated life test such as AGREE tests, most thermal shock tests can be done with one unit. Also the area requirement for installing the unit is about a half the space compared with the thermal shock test chamber composed of three compartments made by us until now.

Vib-Tech Chamber® is a trademark of EMIC CORPORATION.

Specification

Model	EHVC-1118BWFY(53H13)	EHVC-1372BWFY(53H18)	EHVC-1118DWFY(53H11)	EHVC-1372DWFY(53H15)
Interior Dimensions	1118W×914H×1118D mm	1372W×1016H×1372D mm	1118W×914H×1118D mm	1372W×1219H×1372D mm
Dimensions	1981W×2440H×2845D mm	1980W×2540H×2972D mm	1981W×2440H×2845D mm	1980W×2795H×3300D mm
Temperature Range	-73 to +180°C	-73 to +180°C	-73 to +180°C	-73 to +180°C
Temperature Rise Rate	13°C/min	18°C/min	10°C/min	15°C/min
	20°C/min	25°C/min	18°C/min	18°C/min
Temperature Decrease Rate	13°C/min	18°C/min	11°C/min	15°C/min
	20°C/min	25°C/min	18°C/min	18°C/min
Temperature Decrease w/ LN2	60°C/min	60°C/min	60°C/min	60°C/min
Humidity Range	—	—	10 to 98%RH	10 to 98%RH
Option	LN2	LN2	LN2	LN2

※The above temperature change rate is achieved under the condition of room temperature + 26°C, power supply frequency 60 Hz, regulated coolant temperature and specified flow rate. When the power supply frequency is 50 Hz, the temperature change rate is different from the above value, so please contact us.
It is the average temperature change rate at the vent without a test specimen over the temperature range from -40°C to +85°C.