

3. Fast Temperature Change Test Chamber (3~20°C/min)



Application:

Fast Temperature Change Test Chamber is used to test various types of materials for their tolerances of heat, cold, dry, humidity. It is applied for quality inspection for all types of electronic products, electric appliance, and products from communication, instrument, automobile, plastic, metal, food, chemical, building materials, medical and aerospace industries with rising falling speed 3~20°C/min.

Technical Sheet:

Model	F-TH-150 (A~F)	F-TH-225(A ~F)	F-TH-408(A ~F)	F-TH-800(A~F)	F-TH-1000(A ~F)
Internal Dimension WxHxD(mm)	500x600x 500	600x750x50 0	600x850x80 0	1000x1000 x800	1000x1000x1 000
Internal Dimension WxHxD (mm)	1100x175 0x1600	1200x1800x 1700	1250x1900x 1900	1600x2050 x2150	1700x2200x2 300

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Range of Fast Temperature Change	Temperature Range: -70~+150°C; Range of Fast Temperature Change: -45~+85°C; Max. temperature rising/falling speed is 15°C/min when the whole process with linear control .
Humidity Range(Optional)	20%~98%R.H.(10%-98% R.H. / 5%-98% R.H ,is optional ,need Dehumidifier)
Indication resolution/Distribution Uniformity of Temperature and Humidity	0.1°C; 0.1% R.H/±2.0°C; ±3.0% R.H.
Control Accuracy of Temperature and Humidity	±0.5°C; ±2.5% R.H.
Temperature Rising/Falling Velocity	Rising/Falling Speed Rate with linear control : 3~15°C/min, adjustable Rising/Falling Speed Rate non-linear control : 3~30°C/min, adjustable
Material	Interior material is SUS 304# stainless steel,exterior is stainless steel or SEE cold-rolled steel with paint coated.
Insulation Material	Resistant to high temperature, high density, formate chlorine, ethyl acetum foam insulation materials
Cooling System	Water cooled/single segment compressor
Protection Devices	Fuse-free switch, overloading protection switch for compressor, high and low voltage coolant protection switch, over-humidity and

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	over-temperature protection switch, fuses, fault warning system, water short storage warning protection				
Optional Accessories	Inner door with operation hole(Optional), Water Purifier, Dehumidifier				
Compressor	French Tecumseh Brand, Germany Bitzer Brand				
Power	AC380V 3 ϕ 5 lines, 50/60HZ				
Approx. Weight(Kg)	250	350	450	600	700