

## ASLI F-TH-150-D ESS temperature and climatic test chamber (environmental stress screening)



### **Application:**

Climatic 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.

### **Features:**

1. Graceful appearance, circularly shaped body, surface treated with mist strips, and plane handle with no reaction. Easy to operate, safe and reliable.
2. Rectangular double-glassed watching window for the observation of the test production during the testing process. The window is equipped with sweat-proof electrical heating device that can prevent water steam from condensing into droplets, and with high brightness PL fluorescent bulbs to provide light inside the box.
3. Double-layer-insulated airtight doors, able to insulate the internal temperature effectively.
4. Water supply system that is externally connectable, convenient for refilling water into the humidifying pot and automatically recyclable.
5. The French Tecumseh brand is used for the circulation system of the compressor, capable of removing the lubricant between the condensation pipes and capillaries. The environment-protecting coolant is used for the whole series(R232,R404).

6. Imported LCD display screen is used for the control unit, capable of displaying the measured value as well as the set value and time.
7. The control unit has the functions of multiples segment program editing, and of quick or slope control of temperature and humidity.
8. Inserted mobile pulley, convenient for movement and relocation, with strong positioning screws.

**Technical Parameters:**

Model	F-TH-150-D
Internal Dimension	W500xH600xD500 (mm)
Internal Dimension	W1100xH1750xD1600 (mm)
Range of Fast Temperature Change	Temperature Range: -40~+150°C; Range of Fast Temperature Change:-45~+85°C; Max. temperature rising/falling speed is 3~20 °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 a special optional condition, need Dehumidifier)
Analytic Accuracy/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 Speed Rate	The Temperature Rising/Falling Speed Rate with linear control : 3~15°C/min, adjustable The Temperature Rising/Falling Speed Rate non-linear control : 3~30°C/min, adjustable
Internal and External Material	Material of the inner box is SUS 304# stainless steel,of the outer box 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 cooling/single segment compressor
Protection Devices	Fuse-free switch, overloading protection switch for compressor, high and low voltage coolant protection switch, over-humidity and 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 Bizer Brand
Power	AC380V 3φ 5 lines, 50/60HZ

Approx. Weight(Kg)	450
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