

步入式恒溫恒濕試驗室 Walk-In Temperature & Humidity Test Room



產品用途：

步入式恒溫恒濕試驗室，實驗各種材料耐熱，耐寒，耐幹，耐濕性能。適合電子，電器，通訊，儀表，車輛，塑膠製品，金屬，食品，化學，建材，醫療，航太等大型試驗樣品檢測質量之用。

Application:

Walk-In Temperature & Humidity Test Room 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 big test samples, such as electronic products, electric appliance, and products from communication, instrument, automobile, plastic, metal, food, chemical, building materials, medical and aerospace industries.

特點:

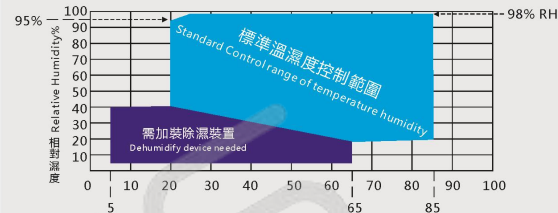
- 質感外觀，機體採用圓弧造型，表面經霧面條紋處理，並採用平面無反作用把手，操作容易，安全可靠。
- 長方形復層玻璃觀視窗，可在實驗中進行試驗品觀察使用，視窗具防汗電熱器裝置可防止水氣凝結水滴，及高亮度PL熒光燈保持箱內照明。
- 箱門雙層隔絕氣密迫緊，可有效隔絕內部溫度洩露。
- 具可外接式供水系統，方便於補充加濕桶供水，並自動回收使用。
- 壓縮機循環系統採用法國“泰康”牌，更能有效去除冷凝管與毛细管間的潤滑油並全系列採用環保冷媒(R23,R404A)。
- 控制器採用進口LCD顯示螢幕，可同時顯示測定值及設定值、時間。
- 控制器具有多段程式編輯及溫度濕度、可做快速(OUICK)或斜率(SLOP)控制
- 內置式移動滑輪便於移動及擺放並具有強力定位螺絲固定位置。

Features:

- Graceful appearance, circularly shaped body, surface treated with mist strips and plane handle with no reaction. Easy to operate, safe and reliable.
- 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.
- Double-layer-insulated airtight doors, able to insulate the internal temperature effectively.
- Water supply system that is externally connectable, convenient for refilling water into the humidifying pot and automatically recyclable.
- 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(R23, R404A)
- Imported LCD display screen, capable of displaying the measured value as well as the set value and time.
- The control unit has the functions of multiples segment program editing, and of quick or slope control of temperature and humidity.
- Inserted mobile pulley, convenient for movement a relocation, with strong positioning screws.

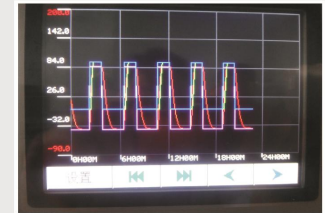
溫濕度控制能力範圍 Humidity Control Range

At +20°C Ambient temperature or +25°C Room temperature and non-loaded



溫濕度循环曲線圖

Temperature and Humidity Cycle Graph



技術參數 Technical Parameters:

型號 Model	THR-容積 (低溫選擇: A ~ F) THR-volume (low-temperature options: A ~ F)
內尺寸 Internal Dimension	根據客戶制定的尺寸大小而設計 Customers designated space size and design
溫度範圍 Temperature Range	低溫 (A: 25°C; B: 0°C; C: -20°C; D: -40°C; E: -60°C; F: -70°C) 高溫 80°C (80°C ~ 150°C 為特殊選購型) Low Temperature (A: 25°C; B: 0°C; C: -20°C; D: -40°C; E: -60°C; F: -70°C) High Temperature 80°C (80°C ~ 150°C is special optional)
濕度範圍 Humidity Range	20%~98%R.H. (10%~98% R.H. / 5%~98% R.H. 為特殊選用條件, 需加除濕系統) 20%~98%R.H. (10%~98% R.H. / 5%~98% R.H. is a special optional condition, need dehumidifier)
溫濕度解析精度/分佈均勻度 Analytic Accuracy/ Distribution Uniformity of Temperature and Humidity	0.1°C; 0.1% R.H. ±3.5°C; ±4.5% R.H.
溫濕度控制精度 Control Accuracy of Temperature and Humidity	±0.5°C ±2.5% R.H.
升溫/降溫速率 Temperature Rising / Falling Speed Rate	升溫速率約 0.1~3.0°C/分鐘; 降溫速率約 0.1~1.0°C/分鐘 (降溫速率 1.0°C/分鐘以上為特殊選用條件) Temperature rising approx. 0.1~3.0°C/min; temperature falling approx. 0.1~1.0°C/min; (The Falling Speed Rate Min. 1.0°C per minute is a special optional condition)
冷卻系統 / Cooling System	水冷式 Water cooling
保護裝置 Protection Devices	無熔絲開關、壓縮機過載保護開關、冷媒高低壓保護開關、超濕度超溫保護開關、保險絲、故障警告系統、缺水報警保護 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
選購配件 Optional Accessories	推車斜坡、記錄器、純水淨化機、除濕機 Slope for cart, Recorder, Water Purifier, Dehumidifier
壓縮機 / Compressor	法國“泰康”牌、德國“比爾爾” French “Tecumseh” Brand, Germany “Bizer” Brand
電源 / Power	AC380V; 3φ 5 綫; 50/60HZ AC380V; 3φ 5 lines; 50/60HZ