

Walk in Temperature Humidity Room

-----the internal dimension can be customized

Product Name

1-1 Product Name: walk-in temperature test room

2 Main Technical Parameters

2-1 Dimension: According to customer's requirements

2-2 Material : SUS#304ss

2-3 Temperature : -70°C~150°C (according to customer's requirements)

2-4 Temperature Indication Resolution: $\pm 0.1^{\circ}\text{C}$

2-5 Temperature Control Accuracy: $\pm 0.5^{\circ}\text{C}$

2-6 Temperature distribution uniformity: $\pm 2^{\circ}\text{C}$

2-6 Humidity: 20%~98%R.H (according to customer's requirements)

2-7 Humidity Indication Resolution: $\pm 0.1\% \text{R.H}$

2-8 Humidity distribution uniformity: $\pm 5.0\% \text{R.H}$



3 Air Supply Systems for Walk in Environmental Test Chamber

3-1 Air Cycling Device: centrifugal fan, externally installed motor drive

3-2 Heating Mode: wire heaters made of a material called Nichrome; PID & SSR control

3-3 Cooling Mode: air/ water cooling

3-4 Humidification Mode: Stainless steel steam humidification; water purifier is provided for automatic water supply while being connected to the chamber

3-5 Dehumidification Mode: by compressor & de-humidify device

ASLI® AI SI LI (CHINA) TEST EQUIPMENT CO., LTD

Tel.:0086-769-23164266

Fax:0086-769-22851784

E-mail: sales8@aslitesting.com

Company Add.: Building C, JinHui Industrial Park, LiXin town, East City district 523125, DongGuan City, China

4. walk-in temperature room constant humidity & temperature chamber construction

4-1 Console Model Chamber:

4-1-1 The workspace is located at the left side or as to the user requirements;

4-1-2 Refrigeration unit cabinet located in the right side;

4-1-3 Electric control part is placed in the refrigeration unit cabinet, with operation panel on the front Chamber exterior is made of cold rolled steel with powder-painted, interior is stainless steel SUS304 #;

4-1-4 Thermal insulation material is flame retardant polyurethane rigid foam, of 100-150mm thickness.

4-2 Refrigeration Unit Cabinet:

4-2-1 Located in the right side of the chamber, and refrigeration compressors are installed on its frame,

4-2-2 Special door for maintenance & repair is provided.

4-2-3 Acoustical boards are used for lowering noise to maximum limit.

Pictures

