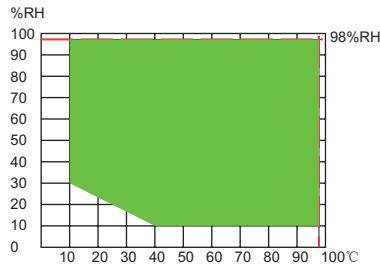# TEMPERATURE AND HUMIDITY CHAMBER

temperature and humidity control range chart

THT-A101T

- The chamber is equipped with an independent operating system with 7 inch or 10.1 inch touch screen contuoller
- Intelligent refrigeration and dehumidification system, combined with energy-saving control algorithm, can adjust the refrigeration level and save energy. Compared with traditional machines, it can save 30~45% of electricity.
- It can output excel data report through USB port.

SPECIFICATION

Code	THT-A101T	THT-A102T	THT-A103T	THT-A104T	THT-A105T
Chamber dimension (WxHxD)	500x600x500mm	500x500x400mm	500x750x600mm	700x850x700mm	1000x1000x1000mm
Chamber volume	150L	100L	225L	416L	1000L
Temperature range	-40~150°C				
Humidity range	10~98%RH				
Temperature/humidity fluctuation	±0.5°C, ±2.5%RH				
Temperature/humidity uniformity	<2°C, 5%RH				
Temperature/humidity stability	0.2°C, 2%RH				
Temperature/humidity deviation	±2°C, 3%RH				
Warm up time	about 3°C/min				
Cooling time	about 1°C/min				
Material	case material	cold rolled steel plate+varnish				
	chamber material	SUS#304 stainless steel				
	thermal insulation material	rigid polyurethane foam				
Cooling system	compressor				
Protector	no fuse switch, compressor overpressure, overheat protection, overtemperature protection, overload protection, dry burning protection, water shortage protection, etc				
Power supply	AC220V, 50HZ, 4.5kW	AC220V, 50HZ, 2kW	AC380V, 3Ø, 50HZ, 4kW	AC380V, 3Ø, 50HZ, 3.5kW	AC380V, 3Ø, 50HZ, 3.5kW
Dimension(WxHxD)	800x1660x1400mm	750x1550x1170mm	850x1750x1200mm	950x1850x1400mm	1300x1950x1850mm
Weight	365kg	285kg	385kg	510kg	950kg

STANDARD DELIVERY

Main unit	1 pc
Test hole	1 pc
Shelf	2 pcs