

TEMPERATURE AND HUMIDITY CHAMBERS

CUSTOMIZABLE



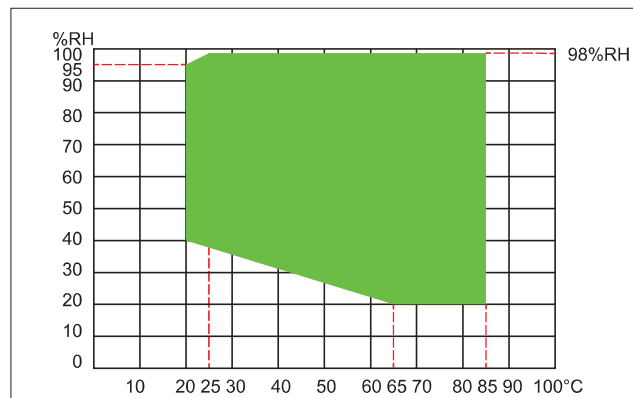
THT-D621



THT-G557

- Suitable for automotive industry, electronic industry, electrical industry, material, aerospace, etc.
- Feature cold balance technology, saving 30% of electric energy and effectively reducing operational costs
- Automatic regulation of heating and cooling output via PID control
- Feature program editing function and power-off memory function, auto-resuming program execution after power restoration
- Multiple safety protections, such as leakage protection, overload protection, over-temperature protection, etc.
- Software is included: support remote control and data exporting

humidity control range diagram



SPECIFICATION

Code	THT-C589	THT-D621	THT-E316	THT-U434	THT-G557
Chamber dimension (L×W×H)	400×400×500mm	500×500×600mm	500×600×750mm	600×800×850mm	1000×1000×1000mm
Chamber volume	80L	150L	225L	408L	1000L
Temperature range *	-40°C~150°C				
Humidity range	20%RH~98%RH				
Temperature deviation	±2°C				
Temperature fluctuation	±0.5°C				
Temperature uniformity	≤2°C				
Humidity deviation	±3%RH (>75%RH), ±5%RH (≤75%RH)				
Humidity fluctuation	±3%RH				
Humidity uniformity	≤5%RH (>75%RH), ≤7%RH (≤75%RH)				
Heating rate	≥3°C/min (no-load)				
Cooling rate	≥1°C/min (no-load)				
Material	inside: stainless steel plate, outside: cold-rolled steel plate with powder coating				
Cooling system	air-cooled				
Operating environment	temperature: 5°C~30°C, humidity: ≤85%RH				
Power supply	AC220V, 50Hz			AC380V, 3Ø, 50Hz	
Power	4.2kW	4.6kW	6.3kW	7.7kW	14.5kW
External dimension (L×W×H)	900×1120×1400mm	1020×1220×1500mm	700×1660×1850mm	800×1830×1950mm	1200×2030×2100mm
Weight	290kg	338kg	372kg	488kg	616kg

*Other temperature range can be customized

STANDARD DELIVERY

Main unit	1 pc
Sample holder	1 set