

## TEMPERATURE AND HUMIDITY CHAMBERS

CUSTOMIZABLE



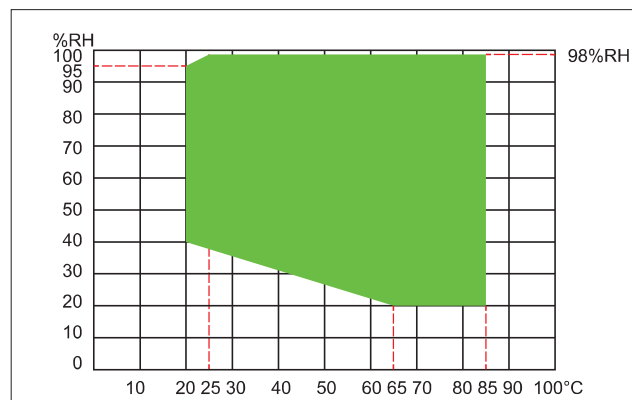
THT-D621-U



THT-G557-U

- 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

Part No.	THT-C589-U	THT-D621-U	THT-E316-U	THT-U434-U	THT-G557-U
Chamber dimension (L×W×H)	15.75×15.75×19.69"	19.69×19.69×23.62"	19.69×23.62×29.53"	23.62×31.50×33.46"	39.37×39.37×39.37"
Chamber volume	2.8ft <sup>3</sup>	5.3ft <sup>3</sup>	7.9ft <sup>3</sup>	14.4ft <sup>3</sup>	35.3ft <sup>3</sup>
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: 41°F~86°F, humidity: ≤85%RH				
Power supply	AC110V, 60Hz			AC480V, 3Ø, 60Hz	
Power	4.2kW	4.6kW	6.3kW	7.7kW	14.5kW
External dimension (L×W×H)	35.43×44.09×55.12"	40.16×48.03×59.06"	27.56×65.35×72.83"	31.50×72.05×76.77"	47.24×79.92×82.68"
Weight	639.3lb	745.2lb	820.1lb	1075.9lb	1358.1lb

\*Other temperature range can be customized

## STANDARD DELIVERY

Main unit	1 pc
Sample holder	1 set