

# CONSTANT TEMPERATURE & HUMIDITY TESTING CHAMBER

From national defense industry and aerospace industry, electronics and chemical industry, to food and pharmaceuticals, the constant temperature & humidity testing chamber are used for product heat resistance, humidity resistance, cold resistance and dry resistance performance testing, to ensure product quality, safety, and reliability throughout a number of industries. The function of the testing chamber is to provide a testing environment with constant high and low temperature and humidity, alternating high and low temperature and humidity; including cooling/heating system, humidification/dehumidification/water system, air duct system, control system, system safety protection device, etc.



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## TECHNICAL SPECIFICATIONS

	408L	800L
Working chamber size	Width 800×Depth 600×Height 850mm	Width 1000×Depth 800×Height 1000mm
Overall dimensions	Width 1300×Depth 1210×Height 1750mm	Width 1510×Depth 1460×Height 1860mm
Temperature range	-20℃~+150℃	-20℃~+150℃
Temperature constancy	≤±0.1℃	≤±0.1℃
Temperature uniformity	≤±1℃	≤±1℃
Temperature deviation	≤±2℃	≤±2℃
Heating and cooling rate	From +20~-20℃, about 50min From +20~100℃, about 40min	From +20~-20℃, about 60min From +20~100℃, about 40min
Humidity range	20%~98%R.H (AT+25℃~+85℃)	20%~98%R.H (AT+25℃~+85℃)
Humidity error	+2/-3%R.H (above 75%R.H), ±5% R.H (below 75%R.H)	+2/-3%R.H (above 75%R.H), ±5% R.H (below 75%R.H)
Wind speed	1.7~2.5m/s	1.7~2.5m/s
The above indicators are all tested and measured in the space of 1/6 from the inner wall of the chamber under the condition of ambient temperature ≤ 25℃, normal pressure and no-load;		
Power	About 7.5kW	About 8.5kW
Power supply	380V±10%V/50Hz 220V/60Hz (optional)	380V±10%V/50Hz 220V/60Hz (optional)