



KJ-2091 Programmable Temperature&Humidity Chamber



Design Standard: GB/T2423/5170/10586, JIS C60068, ASTM D4714, CNS3625/12565/12566

Uses:

This equipment can simulate different environment condition. It's appropriate for testing material performance, such as resist heat, resist dry, resist humidity and resist cold. That can define performance of material.

Character:

1. Use the high precision microcomputer touch temperature and humidity controller with high stability of platinum resistance to temperature and wind speed in the circulatory system of temperature and humidity test.
2. control temperature&humidity well-distributed, precisely and steady.
3. Completely independent system separate for testing in high temperature, low temperature and constant temperature&humidity environment.

Specifications:

Model	KJ-2091B	KJ-2091C	KJ-2091D	KJ-2091E
Internal size cm	40×50×40	50×50×60	70×70×85	100×80×100
External size cm	93×81×131	103×91×141	123×121×166	153×131×181
Tempetature range, accuracy	-10,-20,-40,-60,-70~+150degree; ±0.1~± 0.3			
Humidity range, accuracy	20%RH~98%RH; ±0.5%RH~±2.5%RH			
Temp&humidity control	Korea TEMI880			
Circulatory System	the circulatory system of wind speed			
Heating System	SUS#304, stainless steel heater			
Humidifying System	Surface evaporation, a transparent structure.			

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Cooling system	Fan cooling mode, high efficiency of all sealed compressor
Water Supplying System	Automatic control and transparent structure, automatic recovery of filtered water reuse.
Dehumidifying System	Freezing latent heat dehumidification mode.
Internal&external material	SUS#304
Standard Allocations	shelves 2 groups, interior lights, anti-sweat&defogging device.
Power	AC220V/50, AC380/50Hz
Safety Devices	Leakage current, overload, compressor overload, over temperature, ultra-wet, dry, humidification temperature protection.

Parts configuration

No.	Name	Brand	Remark
1	Controller	Korea TEMI880	
2	Circulating fan	Taiwan YuTian	
3	Electromagnetic Switch	Taiwan Taian	
4	Auxiliary relay	Japan Omron	
5	Wet and dry bulb sensor	Taiwan Xuanrong	
6	Compressor	France Taikang	
7	Dring Filter	Denmark DANFUSS	
8	Oil separator	USA OF	
9	Condensation Fan	Germany Mahr	
10	Pull type heat exchanger	Taiwan Gaoli	
11	Solenoid valve	Japan SAGINOMIYA	
12	Heater	Taiwan Longxing	
13	Check valve	Denmark DANFUSS	
14	SSR	Taiwan Dongming	
15	Water pump	Tauwan TIY	

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