

## Walk-in Constant Temperature Humidity Chamber

### Features:

- Can achieve temperature setting control and program control, full data recorder (optional function).
- Protection / heater with short circuit protection to ensure high reliability of air volume and heating during equipment operation.
- USB interface and Ethernet communication function, make the communication and software expansion function of the device meet the various needs of customers.
- Cooling balance mode can save 30% power against traditional BTHC mode 0% to 100% cooling power automatic adjustment.
- Refrigeration and electrical control key accessories are made of international renowned brand products, so that the quality of the equipment is improved and guaranteed.
- Can be customized according to customer requirements/ Customer usage indicators / Customize various optional functions.



### SPECIFICATIONS

Model	KMHW						
	4	8	10	15	45	55	
System	Balanced&Humidity control system						
Temperature range	Maximum testing temperature:80°C, 120°C; Minimum testing temperature:-60°C,-50°C,-40°C,-30°C,-20°C,-10°C,0°C						
Humidity range	10% , 20% , 30%~95%						
Temperature fluctuation	±0.5°C						
Humidity fluctuation	±2.5%RH						
Temperature uniformity	±2°C						
Humidity uniformity	±5.0%RH						
Heating time	+20°C~80°C within 60 minutes						
Cooling time	+ 20 °C ~ -55 °C, -40 °C, -20 °C, -10 °C within 120 minutes						
Interior Dimension (mm)	W	2000	2000	2040	2500	5000	5000
	H	2000	2000	2100	3000	3000	2200
	D	1000	2000	2100	2000	3000	5000
Volume (m <sup>3</sup> )	4	8	10	15	45	55	
Interior material	Stainless steel plate(SUS304)						
Exterior material	Baked painting steel or Stainless steel plate(SUS304)						
Insulation material	Rigid polyurethane foam						
Door size	Single door:W800*H1800;Double door:W1600*1800mm						
Refrigeration system	Water-cooled, single / cascade, semi-hermetic compressor environmentally friendly refrigerant (HFC-R404A / HFC-23).						
Controllor	7 " LCD touch screen, Chinese / English display program control, fixed value control 120 groups of programs, 1200 segment, all cycles 99 times Temperature: 0.1% of F.S ± 1digit Humidity: 0.1 of F.S ± 1 digit Temperature: pt-100 Humidity: pt-100 or ~ 5V DCV RS-232 or RS-485 (software for option)						
Safety devices	No fuse switch, compressor overpressure, overheating, overcurrent protection fan overload protection, fuse, dry burn protector, water shortage protection						
Standard accessories	Observation window*1,cable port(port ϕ 50mm)*1,status indicator light*1						
Ambient temperature	+5°C~35°C						
Power	AC 380V(±10%) 50HZ 3 phase 4 wires+ground wire						