



■ Specifications ( at +20°C room temp. Or+25°C water temp with empty load)

Model	KMH-R series					KMH-L series					KMH-S series				
	150R	225R	408R	800R	1000R	150L	225L	408L	800L	1000L	225S	408S	800S	1000S	
Temp. range	-20°C~150°C					-40 °C~+150°C					-70°C~+150°C				
Interior size	W(mm)	600	700	700	1000	1000	600	700	700	1000	1000	700	700	1000	1000
	H(mm)	600	700	750	1000	1000	600	700	750	1000	1000	700	750	1000	1000
	D(mm)	460	480	800	800	1000	460	480	800	800	1000	480	800	800	1000
Exterior size	W(mm)	880	980	980	1280	1280	880	980	980	1280	1280	980	980	1280	1280
	H(mm)	1730	1890	1940	2160	2160	1730	1890	1940	2160	2160	1890	1940	2160	2160
	D(mm)	1400	1460	1740	1750	1950	1400	1460	1740	1750	1950	1460	1740	1750	1950
Power(KW)	5.8	6	7.5	12.8	12.8	7.5	7.5	8.5	14.5	14.5	9.5	10.6	18.5	18.5	
Weight(KG)	240	280	400	500	580	250	300	420	530	600	330	450	550	650	
Humidity uniformity	±3.0%R.H			±5.0%R.H		±3.0%R.H			±5.0%R.H		±3.0%R.H		±5.0%R.H		
Heat up time	-20°C~+100°C,within 35 min					-40°C~+100°C, within 45 min					-70°C~+100°C,within 60 min				
Pull down time	+20°C~-20°C, within 45 min					+20°C~-40°C, within 60 min					+20°C~-70°C,within 80 min				
Standard accessories	Sight window*1, cable port(portΦ50mm)*1, shelves*2, chamber lamp*1, power cable *2m														
Safety device (standard)	No fuse breaker, over pressure、over heat and over current protection for compressor, Over temp. protect, over load protect of blower, dry heat protection														
Control System	Balanced Temperature & Humidity Control System														
Refrigeration system	Air Cooled (Water Cooled Type is option)														
	Hermetic compressor,Single stage refrigeration system, CFC-Free refrigerant(HFC-507/HFC-23)										Hermetic compressor, Cascade Refrigeration , CFC free refrigerant (HFC-507/HFC-23)				
Controller	Panel:7-inch LCD Touch panel, Chinese or English display selectable														
	Operation model :Program or fix point running														
	Memory capacity :120programs,1200steps,														
	All repeat 999 cycles, part repeat 99 cycles														
Humidity Range	20~98%R.H														
Temp. constancy	±0.5°C														
Humidity constancy	±2.5%R.H														
Temp. uniformity	±2.0°C														
Interior material	Stainless Steel Plate (SUS 304)														
Exterior material	Baked Painting Steel Or Stainless steel(SUS304)														
Insulation material	Rigid polyurethane Foam and Glass Fiber Wool														
Ambient Temp.	+5°C~+35°C														
Wiring method	AC 380±10% 50Hz ,3 phase 4 wires +Ground Wires														

Note: 1. We reserve the right to change specifications without prior notice 2. Customized sizes and configurations available



KMHW-4 walk-in chamber

**Optional accessories**

- Cable Port: Two size of cable port is available:  $\Phi 50\text{mm}$ ,  $\Phi 100\text{mm}$ .
- Double door
- Pass room: Provided to avoid disturbance of atmospheric temperature and humidity while opening the door.
- Floor reinforcement: Can be fixed if heavy specimen placed in the chamber for test.
- Carry-in inclined platform: Provided below the door to facilitate moving of specimens in and out through the door.
- Entire ceiling blow-out duct  
The extremely wide air inlet reduces the airflow rate (down to approx.  $0.5\text{m/s}$ )
- Dehumidifier  
The rotation regenerating dehumidifier (M-300) ensures precise control of low humidity ( $21^\circ\text{C}$ ,  $23\%\text{RH}$ ) for electrostatic reliability tests.
- Temperature and humidity recorder  
100mm width recording paper with 6 dots  
180mm width recording paper with 12 dots
- Status indication lamp  
Provide to signal chamber status and warnings when normal running, a malfunction running or stand by occurs.
- Water purifier  
Provided to keep the humidifier heater free from scale and ensure the supply of water to humidifier.
- Power socket
- Air cooled type condense

Humidity Control Range 濕度可控制範圍  
( $+5$  to  $+32^\circ\text{C}$  ambient temperature with no load)





































