Technical Parameters

High and Low Temperature Alternating Test Chamber – SDL(K) Series

High and low temperature test chamber can provide high temperature, low temperature, humidity and other environmental simulation conditions, used in aviation, aerospace, automobile, shipbuilding, military, electronics, petrochemical and other fields of environmental test or reliability test: high and low temperature storage test, high and low temperature cycle test, constant humidity heat test, alternating humidity heat test, etc.

Model	F/FH	402	702	405	705	410	710
Volume	L	210		504		1000	
Inner Depth	mm	500		700		1000	
Inner Width	mm	600		800		1000	
Inner Height	mm	700		900		1000	
Outer Depth	mm	1670		1640		1840	
Outer Width	mm	800		1000		1200	
Outer Height	mm	1600		1800		1900	
Temperature Performance Parameters							
Max. Temperature	℃	150					
Min. Temperature	℃	-40	-70	-40	-70	-40	-70
Cooling Time	min	20℃ → Min. Temperature ≤ 75min (Empty Load)					
Heating Time	min	20℃ → 150℃ ≤ 60min (Empty Load)					
Heating Power	kW	2	3	3	3	4	4
Temperature Fluctuations	℃	≤1					
Temperature Uniformity	℃	≤2					
Temperature Deviation	℃	±2					
Temperature and Humidity Climate Parameters							
Temperature Range	℃	20-85					
Humidity Range	%RH	20-98					
Temperature Fluctuations	℃	≤1					
Temperature Uniformity	℃	≤1					
Temperature Deviation	℃	±2					
Humidity Fluctuations	%RH	≤±2					
Humidity Deviation	%RH	+2/-3%RH(Humidity > 75%RH), ±5%RH(Humidity ≤ 75%RH)					
Humidity Uniformity	%RH	≤2					
Humidification power	kW	1.5	1.5	2	2	3	3
Power Supply		AC380V 50Hz TN-S					
Power	F(kW)	5	8	6	8	9.5	14
	FH(kW)	6.5	8	8	8	12.5	12.5
Noise	dB(A)	72	72	73	73	74	75
Cooling Method		Air-cooled					
Total Weight	kg	350	380	650	700	920	1000

Note: Parameters are subject to change upon request.

STI Testing Group
No. 55, Lushan Road, New District, Suzhou, Jiangsu Province, 215129, China
Sales: +86-512-66658032
E-mail: sales@chinasti.com
http://www.stitestgroup.com