

Hung Ta™ Model HT8045B “Direct Display” Environmental Chamber: Description



CCSi features this high quality Environmental Chamber for the conditioning of materials, or performing ageing, processability, and other tests which require a range of subnormal and elevated temperatures, as well as the control of the relative humidity.

The chamber is self-contained and well suited for virtually any research, development, production control, or quality control application.

This model is structurally identical to the Model HT8045A and has the many of the same electrical and mechanical features. However, it lacks the superior cascading style refrigeration system, the advanced programming functions which allow variation of the temperature and humidity during a test cycle, and the multiple channel recorder output.

Hung Ta™ Model HT8045B: Features

- Balanced temperature & humidity control system;
 - P.I.D. temperature & humidity controllers;
 - Independent high, low and 'set point' for temperature with visual alarm;
 - Independent high, low and 'set point' for humidity with visual alarm;
 - Special temperature 'Ramp Up' feature after mid-test door opening or test start;
 - "Shut Down" memory, programs are not lost with power interruptions;
 - Output for recorder;
 - "Self-Diagnosis" routine;
 - Single stage refrigeration system;
 - Hermetically sealed compressor;
 - Glass observation window as standard equipment;
 - Interior illumination for improved observation;
 - High quality '304' stainless cabinet exterior for corrosion protection and ease of maintenance;
 - Two stainless steel adjustable shelf units;
 - '304' stainless interior cabinet provides superior durability;
 - Exclusive high quality 'posi-seal' door seal;
 - High R Factor polyurethane cabinet insulation;
 - Welded infrastructure for durability.
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- Advanced protection features:
 - Refrigeration overload relay;
 - Refrigeration high pressure relay;
 - Air circulation thermal relay;
 - System trouble monitor and alarm.
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- Available Options (most models):
 - Hi-Temp (150 C° temperature);
 - Chart recorder;
 - Available without humidity control (model suffix becomes 'BT').

Hung Ta™ Model HT8045B L Series Environmental Chamber: Specifications

HT8045B MODEL:	L225B	L408B	L800B
Temperature Range:	-70 to 100 C°		
Humidity Range:	30 to 95 %RH		
Temperature Constancy:	± 0.3 C°		
Humidity Constancy:	± 3 %RH		
Temperature Uniformity:	± 0.7 C°	± 1.0 C°	
Humidity Uniformity:	± 4 %RH	± 5 %RH	
Warm Up Time:	-70 to 100 C° -70 min		
Pull Down Time:	20 to -70 C° -90 min		
Interior Size (cm):	50x75x60	60x85x80	100x100x80
Exterior Size (cm):	102x162x118	112x172x138	152x187x138
Power:	220 VAC; 1 PH; 50/60 Hz		
List Price:	Please Submit a Request for Quotation (RFQ)		

Hung Ta™ Model HT8045B M Series Environmental Chamber: Specifications

HT8045B MODEL:	M150B	M225B	M408B	M800B
Temperature Range:	-40 to 100 C°			
Humidity Range:	30 to 95 %RH			
Temperature Constancy:	± 0.3 C°			
Humidity Constancy:	± 3 %RH			
Temperature Uniformity:	± 0.7 C°			± 1.0 C°
Humidity Uniformity:	± 4 %RH			± 5 %RH
Warm Up Time:	-40 to 100 C° -45 min			
Pull Down Time:	20 to -40 C° -60 min			-90 min
Interior Size (cm):	50x60x50	50x75x50	60x85x80	100x100x80
Exterior Size (cm):	102x147x108	102x162x118	112x172x138	152x187x138
Power:	220 VAC; 1 PH; 50/60 Hz			
List Price:	Please Submit a Request for Quotation (RFQ)			

Hung Ta™ Model HT8045B T Series Environmental Chamber: Specifications

HT8045B MODEL:	T150B	T225B	T408B	T800B
Temperature Range:	-20 to 100 C°			
Humidity Range:	30 to 95 %RH			
Temperature Constancy:	± 0.3 C°			
Humidity Constancy:	± 3 %RH			
Temperature Uniformity:	± 0.7 C°			± 1.0 C°
Humidity Uniformity:	± 4 %RH			± 5 %RH
Warm Up Time:	-20 to 100 C° -35 min			
Pull Down Time:	20 to -20 C° -45 min			
Interior Size (cm):	50x60x50	50x75x60	60x85x80	100x100x80
Exterior Size (cm):	142x147x108	102x162x118	112x172x138	152x187x138
Power:	220 VAC; 1 PH; 50/60 Hz			
List Price:	Please Submit a Request for Quotation (RFQ)			

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