



CCSi features this high quality forced ventilation oven conforming to the requirements of [ASTM D573](#), [ASTM D5374](#) (supercedes D2436), [ASTM D5423](#), [ASTM D5510](#) ^{NOTE} and other methods for the conditioning of materials, determining the influence of elevated temperatures, thermal aging characteristics or the deteriorative effects of oxidation on various materials.

It is designed for economical and superior performance and complies with [ASTM E145](#) ^{NOTE}, Forced Ventilation Oven Types IIA and IIB.

The chamber is self-contained and well suited for virtually any research, development, production control, or quality control application requiring temperatures between ambient and 200 C° or 300 C°.

NOTE:

- [ASTM D573](#) "Standard Test Method for Rubber—Deterioration in an Air Oven"
- [ASTM D5374](#) "Standard Test Methods for Forced-Convection Ovens for Evaluation of Electrical Insulation"
- [ASTM D5423](#) "Standard Specification for Forced-Convection Ovens for Evaluation of Electrical Insulation"
- [ASTM D5510](#) "Standard Practice for Heat Aging of Oxidatively Degradable Plastics"
- [ASTM E145](#) "Standard Specification for Gravity-Convection And Forced-Ventilation Ovens"

Hung Ta™ Model HT8046 Geer Type Forced Ventilation Oven: Features

- Service access from two convenient side doors;
- Glass observation window as standard equipment;
- Interior illumination for improved observation;
- 8–10 RPM motor driven rotary table;
- Variable control of air exchange rate;
- 18 gauge '304' stainless interior cabinet provides superior durability and ease of maintenance;
- Exclusive high quality 'posi-seal' door seal;
- High R Factor glass fiber cabinet insulation;
- Special temperature 'Ramp Up' feature after mid-test door opening or test start;
- High quality '304' stainless exterior finish for corrosion protection and ease of maintenance;
- Welded steel infrastructure for durability;
- Digital temperature controls provide profiling or single set point control;
- Superior airflow distribution design assures uniform thermal performance;
- High watt density heaters for longer service life and superior performance.

Hung Ta™ Model HT8046 Geer Type Forced Ventilation Oven: Specifications

Model:	HT8046A	HT8046B
Interior Dimensions:	450 x 450 x 450 mm (17.72 x 17.72 x 17.72 in.)	600 x 600 x 600 mm (23.62 x 23.62 x 23.62 in.)
Temperature Range:	Ambient – 200 C°	Ambient – 300 C°
Temperature Accuracy:	± 0.3 C°	
Temperature Uniformity:	± 0.5 % of Set Point	
Table Rotation:	8 – 10 RPM	
Air Exchange Rate:	1 – 10 Chamber Volume / Hour – or – 10 – 200 Chamber Volume / Hour	
Power Consumption:	220 VAC 1 PH 5 kW	220 VAC 1 PH 7 kW
Optional Equipment:	<ul style="list-style-type: none"> • Stainless steel shelves (Pair); • 2 Piece Specimen Holder; • Time Meter; • Air Flow Recorder. 	
List Price:	Please Submit a Request for Quotation (RFQ)	