

Hung Ta™ Model HT8047 Forced Ventilation Oven: Description



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.

This “benchtop” 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 HT8047 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 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;
- Baked enamel cabinet exterior 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 HT8047 Forced Ventilation Oven: Specifications

Model:	HT8047A	HT8047B
Interior Dimensions:	400 x 400 x 450 mm (15.75 x 15.75 x 17.72 in.)	500 x 500 x 600 mm (19.67 x 19.67 x 23.62 in.)
Exterior Dimensions:	840 x 540 x 1000 mm (33.07 x 21.26 x 39.37 in.)	950 x 650 x 1180 mm (37.40 x 25.59 x 46.46 in.)
Temperature Range:	Ambient – 200 C° (300 C° optional)	Ambient – 200 C° (300 C° optional)
Temperature Accuracy:	± 1.0 C°	
Temperature Uniformity:	± 0.5 % of Set Point	
Heaters:	1.8 kW	3.2 kW
Isolated Electric Motor:	0.25 HP	0.50 HP
Table Rotation:	8 – 10 RPM	
Air Exchange Rate:	50+ Chamber Volume / Hour	
Power Supply:	220 VAC, 50/60 Hz, 1 PH	220 VAC, 50/60 Hz, 1 PH
Net Weight:	80 kg (176.4)	120 kg (264.6)
List Price:	Please Submit a Request for Quotation (RFQ)	

Copyright © 2006 CCSi, Inc. • All Rights Reserved • Published February, 2006