



316L SST Optional 100C UL Certified 16 CF Vacuum Oven With 6 Heating Shelves

\$13,421.50 ~~\$15,790.00~~

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- Description
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Description

Specifications

Vacuum oven specifications

Electrical requirements	110V +/-10% 60Hz 1-PH 13.6A, 1,500 watts or 220V +/-10% 50/60Hz 1-PH 6.8A, 1,500 watts
Heating	250 watts x 6, built into 6 aluminum shelves, for the fastest, most energy efficient and uniform heating.
Chamber	Dimensions: 25.6 x 30 x 35.5" (WxDxH) Material: Stainless steel Capacity: 16 cubic feet
Temperature control	Controller: low proportional gain, microcomputer PID controlled with LCD display Range: ambient to 100°C (or 212°F) Display units: Fahrenheit or Celsius Uniformity: +/- 5% of setpoint Dwelling timer range: 1 to 9999 minutes

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Vacuum	<p>Ultimate vacuum level: better than 500 microns/millitorrs (may vary based on your altitude)</p> <p>Mechanical vacuum gauge range: 0 to 30 inch mercury</p> <p>Mechanical vacuum gauge type: oil-filled</p> <p>Vacuum port: KF25 flange x 1</p> <p>Vent port: KF25 flange x 1</p> <p>Vacuum pump: Sold separately</p> <p>Approximate time to reach full vacuum:</p> <p>With Edwards E2M28 21 cfm pump: 8 minutes</p> <p>With Ai SuperVac 11.3 cfm pump: 11 minutes</p>
Weight	Unit: 710 Lbs, shipping: 1114 Lbs
Dimensions (WxDxH)	<p>Unit: 33 x 37 x 52"</p> <p>Shipping: 46 x 39 x 60"</p>
Shelves	<p>Heated shelves: 6 non-removable aluminum shelves, 25 x 29.25 inches (WxD) each</p> <p>Optional stackable aluminum shelves: 25 x 29.25 x 2.375 inches (WxDxH)</p> <p>Distance between shelves (without stackable shelves): 5 inches</p> <p>Distance between shelves (with 6 stackable shelves): 2.375 inches</p> <p>Total area without stackable shelves: 731 x 6 = 30 sq ft or 4386 sq inch</p> <p>Total area with 6 stackable shelves: 731 x 12 = 60 sq ft or 8772 sq inch</p> <p>Max. load capacity per shelf: 20 Lbs</p>
Door gasket material	Silicone or Viton
Observation window	1/2" tempered safety glass
Safety	<p>Built-in circuit breaker</p> <p>Overheat shutoff protection</p> <p>Secondary over-temp protection dial</p>
In-door lights	White LED
Compliance	<u>UL</u> (E482564), CE
Warranty	2 years

Product Video

Across International AT Series Vacuum Ovens Key features



AT vacuum oven installation and calibration (English)

Want to know how to install the Across International Vacuum Oven in your Lab?



AT vacuum oven installation and calibration (Spanish)

Ai AccuTemp 1.9 Cu Ft Vacuum Oven Installation Calibration (Spanish Version)

