

Digital Vacuum Drying Ovens



AccuTemp 1.9 Cu Ft Vacuum

AccuTemp series vacuum ovens are the #1 award-winning brand in vacuum systems. They greatly minimize the drying time for various materials, all while providing excellent temperature uniformity inside the chamber. A vacuum environment will also lower the boiling point for liquids, which is great for heat sensitive material processing. The spacious 3.2, 7.5, and 16 cu ft **AccuTemp** vacuum ovens feature our internal shelf heating technology. Each of these built-in shelves has its own heating, in-shelf temperature sensor, and PID controller. With our low proportional controllers, the result is perfect temperature uniformity, accuracy, and ultra-fast heating rates.

Features

- Third generation PID controller with built-in temperature calibration.
- Adjustable gas backfill capability with needle valve and vent port, perfect for creating inert gas environments or reintroducing air back into the chamber at a controlled rate.
- Aluminum shelving for the best thermal conductivity.
- Consistent, stable temperature accuracy of $\pm 1^\circ\text{F}$.
- Large, dual layer observation window with $\frac{1}{2}$ " tempered safety glass.
- 3" thermal insulation, preventing heat loss from the chamber.
- A built-in vacuum check valve prevents vacuum oil backflow.
- Easy to clean stainless steel interior with exceptional durability.
- Best in class 2-year warranty.
- **CE certified. UL/CSA certification available.**



AccuTemp 16 Cu Ft Vacuum Oven

Model	AT09-UL	AT19-UL	AT32-UL	AT75-UL	AT160-UL
Power	110V or 220V 50/60Hz single phase		110V 60Hz single phase	110V or 220V 50/60Hz single phase	220V 50/60Hz single phase
Temperature Range	Ambient to 480 °F				
Temperature Uniformity	$\pm 7\%$ of set point	$\pm 6\%$ of set point	$\pm 1^\circ\text{F}$ accuracy		
Warm-up to 100 °F	60 minutes		35 minutes	45 minutes	
Output	1200 watts	1500 watts			3000 watts
Shelf	8 removable (4 included)	10 removable (5 included)	3 built in, max 6	5 built in, max 10	6 built in, max 12
Heating	3-sided	4-sided	Each built-in shelf can be individually heated to a unique temperature.		
Chamber Dimensions (in)	12x12x11	16.5x14.5x14	18x18x18 divided into three sections	22x23.5x25 divided into five 22x23.5x4.5 sections	25.5x30.5x35.5 divided into six 25.5x30x5 sections
Machine Dimensions (in)	28x32x65	28x20x21.75	30.5x24x29	35x31x38	33x36x53
Chamber Size (cu ft)	0.9	1.9	3.2	7.5	16.0
UL/CSA Certification	Yes				