

# 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
<b>Power</b>	110V or 220V 50/60Hz single phase		110V 60Hz single phase	110V or 220V 50/60Hz single phase	220V 50/60Hz single phase
<b>Temperature Range</b>	Ambient to 480 °F				
<b>Temperature Uniformity</b>	$\pm 7\%$ of set point	$\pm 6\%$ of set point	$\pm 1^\circ\text{F}$ accuracy		
<b>Warm-up to 100 °F</b>	60 minutes		35 minutes	45 minutes	
<b>Output</b>	1200 watts	1500 watts			3000 watts
<b>Shelf</b>	8 removable (4 included)	10 removable (5 included)	3 built in, max 6	5 built in, max 10	6 built in, max 12
<b>Heating</b>	3-sided	4-sided	Each built-in shelf can be individually heated to a unique temperature.		
<b>Chamber Dimensions (in)</b>	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
<b>Machine Dimensions (in)</b>	28x32x65	28x20x21.75	30.5x24x29	35x31x38	33x36x53
<b>Chamber Size (cu ft)</b>	0.9	1.9	3.2	7.5	16.0
<b>UL/CSA Certification</b>	Yes				