



# AP LARGE VOLUME

## Laboratory Oven - AP414



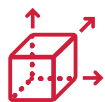
### When you need the additional volume

The same speed, precision and homogeneity as the Air Performance but with an increased volume. 2 sizes available.

 <b>MODELS AVAILABLE</b>	414 L
Air Performance large volume	AP414
 <b>WARRANTY</b>	
Parts	2 years



Perfect  
Temperature  
Homogeneity



Larger  
Volume

# Technical Specifications

## AIR PERFORMANCE LARGE VOLUME - LABORATORY OVENS

<b>MODEL</b>	<b>AP414</b>
<b>GENERAL SPECIFICATION</b>	
Net Volume	414 L
Ext Dimension (WxDxH)	1130 x 855 x 1170 mm
Int Dimension (WxDxH)	990 x 550 x 760 mm
Ext Construction	Electrogalvanised steel with epoxy paint
Int Construction	Brushed stainless steel inner tank
Net weight	210 kg
Standard construction	2 fully closed door, easy hands-free closure / 4 castors / 1 power cord (1.5m)
Shelves (WxD)	975 x 475 mm: 2 anti-tilt stainless steel perforated shelves as standard (max/shelf: 70 kg distributed) Maximum numbers of shelves : 10 (max total weight : 140 kg)
Ambient temperature	From +18°C to +32°C
Use	Indoor use only
Environment	Not designed for use in explosive atmospheres (ATEX)
Warranty	2 years
<b>HEATING SYSTEM</b>	
System	Heating convection ensured by fan (no risk of conduction or radiation)
Ventilation	Turbine ventilation ensuring temperature homogeneity
Air renewal	Adjustable on the front, rear exhaust
<b>ELECTRIC AND ELECTRONIC DATA</b>	
Controller type	Electronic PID self regulating and self-adaptive, programmable controller
Temperature probe	1 x Pt100 3 wires probe
List of alarms	High temperature / Overtemperature safety class II according to the European standard EN 61010-2-010 (DIN 3.1 equivalent)
Type of alarm	Visual
Energy consumption	3100 W
Types of power supply	<ul style="list-style-type: none"><li>• Voltage 230V ~ +/-10%, 50 Hz, 16A</li><li>• Voltage 380V ~ +/-10%, 50 Hz, 16A</li></ul>
<b>PERFORMANCES (AMBIENT TEMPERATURE : 22°C)</b>	
Temperature range	Amb +10°C to 250°C, 1/10th degree display (set and actual temperature)
Temporal stability	+/-0.3°C
Homogeneity at +150°C	+/-1.7°C
<b>OPTIONS &amp; CONFORMITIES</b>	
Options	<ul style="list-style-type: none"><li>• Additional cable entry port 50mm with sealing plug</li><li>• Pt100 Ohm sensor + DIN plug for recorder connection</li><li>• Stainless steel perforated shelf</li></ul>
Supplied with	2 Shelves, 1 power cord & User manual
Certification / Conformities	Equipment meets the specifications and CE compliant to: <ul style="list-style-type: none"><li>• <b>EN60068-3-11</b></li><li>• <b>2014/35/UE – Low voltage directive</b></li><li>• <b>2014/30/UE – EMC directive, Class A device</b></li></ul>
Shipping weight	220 kg
Shipping dimension (WxDxH)	1200 x 840 x 1400 mm