

# AIR PERFORMANCE

## Laboratory Oven - AP240



### Speed, precision and homogeneity

The Air Performance oven range has been developed to comply with all applications requiring speed, precision and homogeneity. It is specifically well adapted for drying, thermal tests and sterilisation. The high efficiency fan will allow you to save precious time.

MODELS AVAILABLE		240 L
Air Performance, plain door		AP240INDUS
Air Performance, viewing door		AP240PV
WARRANTY		
Parts		2 years



Perfect  
Temperature  
Homogeneity



High  
Energy  
Efficiency

# Technical Specifications

## AIR PERFORMANCE - LABORATORY OVENS

<b>MODEL</b>	<b>AP240</b>
<b>GENERAL SPECIFICATION</b>	
Net Volume	230 L
Ext Dimension (WxDxH)	626 x 679.5 x 1230 mm
Int Dimension (WxDxH)	500 x 470 x 980 mm
Ext Construction	Electrogalvanised steel with epoxy paint
Int Construction	Brushed stainless steel inner tank
Net weight	79 kg
Standard construction	1 fully closed door, easy hands-free closure / 1 power cord (1.5m)
Shelves (WxD)	480 x 430 mm : 2 anti-tilt stainless steel perforated shelves as standard (max/shelf: 35 kg distributed). Maximum numbers of shelves : 18 (max total weight : 90 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 front air intake with rear exhaust
<b>ELECTRIC AND ELECTRONIC DATA</b>	
Controller type	Electronic PID self regulating and self-adaptive
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	2000W
Types of power supply	230 V 50 Hz + T / 208V/60Hz (on demand) / 110V 50/60Hz (on demand)
<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	+/-0.2°C
Homogeneity at +150°C	+/-1.4°C
<b>OPTIONS &amp; CONFORMITIES</b>	
Options	<ul style="list-style-type: none"> <li>Stainless steel wire shelf</li> <li>Stainless steel with anti-tilt safety</li> <li>Reinforced stainless steel shelf with anti-tilt safety</li> <li>Base with 4 casters (Diam: 80 mm, 2 with brakes, total H: 250 mm)</li> <li>Stacking kit including 2 spacers, a key and an explanatory note</li> <li>Data recovery software (RS485 cable to USB for PXR4 regulator)</li> <li>Key door lock</li> <li>4 casters (Diam: 80 mm, 2 with brakes)</li> <li>Additional cable entry port 50 mm with sealing plug</li> <li>Additional Pt 100 Ohms probe + DIN plug for recorder connection</li> <li>PT 100 Ohms probe, delivered with 3 points COFRAC verification</li> <li>Electronic recorder 1 way, continuous plot</li> <li>Variable flow extractor from 0 to 200 m<sup>3</sup> / hour Ø 75 mm</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	97 kg
Shipping dimension (WxDxH)	750 x 670 x 1400 mm