





AP LARGE VOLUME

Laboratory Oven - AP714



When you need the additional volume

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

 MODELS AVAILABLE	714 L
Air Performance large volume	AP714
 WARRANTY	
Parts	2 years



Perfect
Temperature
Homogeneity



Larger
Volume

Technical Specifications

AIR PERFORMANCE LARGE VOLUME - LABORATORY OVENS

MODEL	AP714
GENERAL SPECIFICATION	
Net Volume	735 L
Ext Dimension (WxDxH)	1130 x 855 x 1780 mm
Int Dimension (WxDxH)	990 x 550 x 1350 mm
Ext Construction	Electrogalvanised steel with epoxy paint
Int Construction	Brushed stainless steel inner tank
Net weight	245 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 : 17 (max total weight : 170 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
HEATING SYSTEM	
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
ELECTRIC AND ELECTRONIC DATA	
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	4900 W
Types of power supply	Voltage 380V ~ +/-10%, 50 Hz, 16A
PERFORMANCES (AMBIENT TEMPERATURE : 22°C)	
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
OPTIONS & CONFORMITIES	
Options	<ul style="list-style-type: none">• Additional cable entry port 50mm with sealing plug• Pt100 Ohm sensor + DIN plug for recorder connection• Variable (from 0 to 200m3/h) flow air extractor ø75mm• Additional stainless steel perforated shelf
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">• EN60068-3-11• 2014/35/UE – Low voltage directive• 2014/30/UE – EMC directive, Class A device
Shipping weight	255 kg
Shipping dimension (WxDxH)	1200 x 840 x 2000 mm