

DATA SHEET

AIR PERFORMANCE | 414 L



Reference

AP414

General specifications

Net volume	414 liters
Dimensions : externals (H x W x D) internals (H x W x D)	1170 x 1130 x 855 mm / 46.1 x 44.5 x 33.7 in. 760 x 990 x 550 mm / 29.9 x 39.0 x 21.7 in.
Construction : external internal	Electrogalvanised steel with epoxy paint Brushed stainless steel inner tank
Net weight	200 kg / 441 lb
Standard construction	2 fully closed doors, easy closure « hands free » 4 castors 1 power cord (1.5m)
Shelves (W x D : 480 x 430 mm / 18.9 x 16.9 in.)	2 anti-tilt stainless steel perforated shelves as standard (max/shelf: 35 kg distributed) Maximum numbers of shelves : 10 (max total weight : 90 kg)
Ambient temperature	From +18°C to +32°C
Indoor / outdoor use	For indoor use only
Environment	Not designed for use in explosive atmospheres (non EX-proof)
Warranty	2 years

Heating system

Heating system	Heating convection ensured by fan (no risk of conduction or radiation)
Ventilation method	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	<ul style="list-style-type: none"> High temperature Overtemperature safety class II according to the European standard EN 61010-2-010 (DIN 3.1 equivalent)
Types of alarms	Visual
Energy consumption	3100 W
Types of power supply	<ul style="list-style-type: none"> Voltage 230V ~ +/-10%, 50 Hz, 16A 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 and conformities	
Options	<ul style="list-style-type: none"> • Additional cable entry port 50mm with sealing plug • Pt100 Ohm sensor + DIN plug for recorder connection • Stainless steel perforated shelf
Supplied with	<ul style="list-style-type: none"> • 2 Shelves • 1 power cord • User manual
Certification / Conformities	<ul style="list-style-type: none"> • Equipment meets the specifications and CE compliant to EN60068-3-11 • 2014/35/UE – Low voltage directive • 2014/30/UE – EMC directive, Class A device
Shipping	
Shipping dimensions (H x W x D)	1400 x 1200 x 840 mm / 55.1 x 47.3 x 33.1 in.
Shipping weight	210 kg / 463.0 lb

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