

AP series

Applications

- Drying
- Heating up
- Stress tests
- Sterilisation
- The new generation of AIR Performance ovens were developed for accurate thermal testing for ambient temperature range +10°C to +250°C

Spécifications

- Ambient Temperature Range: +10°C to + 250°C
- Dual digital display of the oven setpoint temperature & actual temperature (0.1° precision)
- Vented by a fan providing stability and excellent homogeneity (<0.5°C at 70°C).
- Conforms to EN60068-3-11 and NFX15-140
- Stainless steel interior
- Volumes of 60 to 240 liters
- 2 anti-tip stainless steel wire shelves included (AP60:1)
- Stackable packaging (AP60 and AP120)

Avantages

- Chamber heating by convection, no risk of conduction or radiation (air inlet at temperature setpoint)
- Visual alarm
- Controlled by Pt 100 multi-stranded probes
- Adjustable temperature Class II security device as defined in the European norm, NF EN61010-2-010 (equivalent to DIN3.1)
- Left side cable entry port diam. 30 mm
- Simplified control panel
- Adjustable air entry
- Easy hands-free closing door
- EASYCLEANING stainless steel inner chamber (flat surface, removable shelf holders)
- Adjustable shelf levels
- Individual quality control certificate
- 24 month guarantee



Reference	Description	Voltage	Ext. dimensions W x D x H (mm)	Int. Dimensions W x D x H (mm)	Nb Shelves	Shelf Dim. W x D (mm)
AP60	"AIR PERFORMANCE" Universal Oven, plain door 58 liters	220V, 50Hz	526 x 579.5 x 640	400 x 370 x 390	1	380 x 320
AP60PV	"AIR PERFORMANCE" Universal Oven, glass door 58 liters	220V, 50Hz	526 x 579.5 x 640	400 x 370 x 390	1	380 x 320
AP60/26	"AIR PERFORMANCE" Universal Oven, plain door 58 liters	220V, 60Hz	526 x 579.5 x 640	400 x 370 x 390	1	380 x 320
AP60PV/26	"AIR PERFORMANCE" Universal Oven, glass door 58 liters	220V, 60Hz	526 x 579.5 x 640	400 x 370 x 390	1	380 x 320
AP60/156	"AIR PERFORMANCE" Universal Oven, plain door 58 liters	110V, 50/60Hz	526 x 579.5 x 640	400 x 370 x 390	1	380 x 320
AP60PV/156	"AIR PERFORMANCE" Universal Oven, glass door 58 liters	110V, 50/60Hz	526 x 579.5 x 640	400 x 370 x 390	1	380 x 320
AP120	"AIR PERFORMANCE" Universal Oven, plain door 118 liters	220V, 50Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AP120PV	"AIR PERFORMANCE" Universal Oven, glass door 118 liters	220V, 50Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AP120/26	"AIR PERFORMANCE" Universal Oven, plain door 118 liters	220V, 60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AP120PV/26	"AIR PERFORMANCE" Universal Oven, glass door 118 liters	220V, 60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AP120/156	"AIR PERFORMANCE" Universal Oven, plain door 118 liters	110V, 50/60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AP120PV/156	"AIR PERFORMANCE" Universal Oven, glass door 118 liters	110V, 50/60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AP240	"AIR PERFORMANCE" Universal Oven, plain door 230 liters	220V, 50Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
AP240PV	"AIR PERFORMANCE" Universal Oven, glass door 230 liters	220V, 50Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
AP240/26	"AIR PERFORMANCE" Universal Oven, plain door 230 liters	220V, 60Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
AP240PV/26	"AIR PERFORMANCE" Universal Oven, glass door 230 liters	220V, 60Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
AP240/156	"AIR PERFORMANCE" Universal Oven, plain door 230 liters	110V, 50/60Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
AP240PV/156	"AIR PERFORMANCE" Universal Oven, glass door 230 liters	110V, 50/60Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430

ACCESSORIES

Reference	Models	Description
AP/RAY1	AP60	Stainless steel wire shelves
AP/RAY2	AP120 / AP240	Stainless steel wire shelves
AP/ETA1	AP60	Additional stainless steel shelf
AP/ETA2	AP120 / AP240	Additional stainless steel shelf
AP/ETAR1	AP60	Reinforced stainless steel shelf
AP/ETAR2	AP120 / AP240	Reinforced stainless steel shelf
AP/BAC1	AP60	Stainless steel water tray 395 x 350 x 20 mm
AP/BAC2	AP120 / AP240	Stainless steel water tray 495 x 450 x 20 mm
AP/SOC1	AP120 / AP240	Base with castors 150 mm high
AP/SOC2	AP120 / AP240	Base with castors 250 mm high
AP/SUP	AP120/AP240	Stacking kit

OPTIONS

Reference	Models	Description
AP/OPT1	AP60 / AP120	Adjustable air exchange system
AP/OPT2	AP240	Adjustable air exchange system - double admission
AP/OPT3	All	Locking door
AP/OPT6	All	4 castors
AP/OPT7	All	Cable entry port diam. 50 mm
AP/OPT8	All	Pt 100 Ohms + DIN socket for the recorder link
AP/OPT9	All	3 points COFRAC certified Pt 100 Ohms + DIN socket certified for recorder link
AP/OPT10	All	Circular disc recorder 1 channel
AP/OPT11	All	Electronic recorder 1 channel continuous graph
AP/OPT12	All	6 channels data logger link to Ethernet with a software
AP/OPT13	All	12 channels data logger link to Ethernet with a software
QUAL4	All	9 points temperature monitoring performed by COFRAC
QUAL3	All	Additional setpoint

AE series

Applications

- Drying
- Heating up
- Stress tests
- Sterilisation
- The new generation of AIR Performance ovens were developed for accurate thermal testing for ambient temperature range +10°C to +250°C



Spécifications

- Ambient Temperature Range: +10°C to + 250°C
- Dual digital display of the oven setpoint temperature & actual temperature (0.1° precision)
- Vented by a fan providing stability and excellent homogeneity (<0.5°C at 70°C).
- Conforms to EN60068-3-11 and NFX15-140
- Stainless steel interior
- Volumes of 60 to 240 liters
- 2 anti-tip stainless steel wire shelves included (AP60:1)
- Stackable packaging (AP60 and AP120)

Avantages

- Chamber heating by convection, no risk of conduction or radiation (air inlet at temperature setpoint)
- Visual alarm
- Controlled by Pt 100 multi-stranded probes
- Adjustable temperature Class II security device as defined in the European norm, NF EN61010-2-010 (equivalent to DIN3.1)
- Left side cable entry port diam. 30 mm
- Simplified control panel
- Adjustable air entry
- Easy hands-free closing door
- EASYCLEANING stainless steel inner chamber (flat surface, removable shelf holders)
- Adjustable shelf levels
- Individual quality control certificate
- 24 month guarantee



Reference	Description	Voltage	Ext. Dimensions W x D x H (mm)	Int. Dimensions W x D x H (mm)	Nb of shelves	Shelf Dimensions W x P (mm)
AE60	"AIR PERFORMANCE" Universal Oven, plain door 58 liters	220V, 50Hz	526 x 579.5 x 640	400 x 370 x 390	2	380 x 320
AE60PV	"AIR PERFORMANCE" Universal Oven, glass door 58 liters	220V, 50Hz	526 x 579.5 x 640	400 x 370 x 390	2	380 x 320
AE60/26	"AIR PERFORMANCE" Universal Oven, plain door 58 liters	220V, 60Hz	526 x 579.5 x 640	400 x 370 x 390	2	380 x 320
AE60PV/26	"AIR PERFORMANCE" Universal Oven, glass door 58 liters	220V, 60Hz	526 x 579.5 x 640	400 x 370 x 390	2	380 x 320
AE60/156	"AIR PERFORMANCE" Universal Oven, plain door 58 liters	110V, 50/60Hz	526 x 579.5 x 640	400 x 370 x 390	2	380 x 320
AE60PV/156	"AIR PERFORMANCE" Universal Oven, glass door 58 liters	110V, 50/60Hz	526 x 579.5 x 640	400 x 370 x 390	2	380 x 320
AE120	"AIR PERFORMANCE" Universal Oven, plain door 118 liters	220V, 50Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AE120PV	"AIR PERFORMANCE" Universal Oven, glass door 118 liters	220V, 50Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AE120/26	"AIR PERFORMANCE" Universal Oven, plain door 118 liters	220V, 60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AE120PV/26	"AIR PERFORMANCE" Universal Oven, glass door 118 liters	220V, 60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AE120/156	"AIR PERFORMANCE" Universal Oven, plain door 118 liters	110V, 50/60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AE120PV/156	"AIR PERFORMANCE" Universal Oven, glass door 118 liters	110V, 50/60Hz	626 x 679.5 x 750	500 x 470 x 500	2	480 x 430
AE240	"AIR PERFORMANCE" Universal Oven, plain door 230 liters	220V, 50Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
AE240PV	"AIR PERFORMANCE" Universal Oven, glass door 230 liters	220V, 50Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
AE240/26	"AIR PERFORMANCE" Universal Oven, plain door 230 liters	220V, 60Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430
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AE240PV/156	"AIR PERFORMANCE" Universal Oven, glass door 230 liters	110V, 50/60Hz	626 x 679.5 x 1230	500 x 470 x 980	2	480 x 430

ACCESSORIES

Reference	Models	Description
AP/RAY1	AE	Stainless steel wire shelves
AP/RAY2	AE60/AE240	Stainless steel wire shelves
AP/ETA1	AE60	Additional stainless steel shelf
AP/ETA2	AE120/AE240	Additional stainless steel shelf
AP/ETAR1	AE60	Reinforced stainless steel shelf
AP/ETAR2	AE120/AE240	Reinforced stainless steel shelf
AP/BAC1	AE60	Stainless steel water tray 395 x 350 x 20 mm
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AP/SOC1	AE120/AE240	Base without castors 150 mm high
AP/SOC2	AE120/AE240	Base without castors 250 mm high
AP/SUP	AE120/AE240	Stacking kit

OPTION

Reference	Models	Description
AP/OPT1	AE60	Adjustable air exchange system
AP/OPT2	AE120/AE240	Adjustable air exchange system - double admission
AP/OPT3	All	Locking door
AP/OPT6	All	4 castors
AP/OPT7	All	Cable entry port diam. 50 mm
AP/OPT8	All	Pt 100 Ohms + DIN socket for the recorder link
AP/OPT9	All	3 points COFRAC certified Pt 100 Ohms + DIN socket certified for recorder link
AP/OPT10	All	Circular disc recorder 1 channel
AP/OPT11	All	Electronic recorder 1 channel continuous graph
AP/OPT12	All	6 channels data logger link to Ethernet with a software
AP/OPT13	All	12 channels data logger link to Ethernet with a software
QUAL4	All	9 points temperature monitoring performed by COFRAC
QUAL3	All	Additional setpoint

AP series large capacity

Applications

- Drying.
- Set temperature.
- Stress tests.
- Sterilization.
- The series of ovens AP was designed for all thermal testing precision room temperature + 10 ° C to + 250 ° C.

Spécifications

- 2 volumes 414 and 714 liters.
- Stainless steel interior.
- Models equipped with two perforated shelves in anti-tip safety.
- Display simultaneously at 1/10 ° C setpoint and actual temperature.
- Uniformity at 150 ° C +/- 1.7 ° C
- Control by Pt 100 Ohms.
- Double Door leaves.
- Mounted on castors.
- IP protection to EN 60529.
- Rated power: 3100 W.



Reference	Description	Ext. dimensions W x D x H (mm)	Int. Dimensions W x D x H (mm)	Nb of shelves
AP4143	Universal Oven Model FI407U 407 liters 380 V tri + N	1120 x 700 x 1160	980 x 500 x 740	2
AP414	Universal Oven Model FI407U 407 liters 230 V tri	1120 x 700 x 1160	980 x 500 x 740	2
AP7143	Universal Oven Model FI407U 407 liters 380 V tri	1120 x 700 x 1160	980 x 500 x 740	2
AP714	Universal Oven Model FI727U 727 liters 380 V tri + N	1140 x 800 x 1540	1000 x 600 x 1140	2

ACCESSORIES

Reference	Description
AP/ETA3	Additional stainless steel shelf
Reference	Description
FI/OPT1	Air extraction adjustable flow from 0 to 200m3/hour
AP/OPT7	
FI/OPT4	
AP/OPT8	
FI/OPT8	