

Our other products



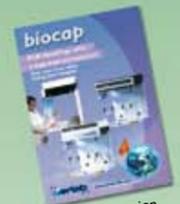
Ductless filtering fume enclosures



Particulate filtering enclosure for powder weighing



HEPA filtered enclosures



PCR workstation



Mobile isolation enclosure



Replacement filters of all brands

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NEW captair® store

Ductless filtering vented storage cabinets
for the storage of noxious
and odorous chemicals



100 % energy saving



www.captair.com

STONE-USA 01/04/12
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As the inventor of the ductless filtering fume hood in 1968, **erlab**® has introduced a variety of products and services to ensure the safety of users in the lab.



The phenomenon of filtration and the variation in the behavior of molecules within the filters is very complex. **erlab**® molecular filters have been the subject of extensive research and are, in part, based on military technology. They guarantee total operator protection. The reliability of the filters makes the exhausted air purer than the ambient air normally inhaled by the operator. The **captair**® filtering fume hoods meet the strictest standards for molecular filtration : **the AFNOR NFX 15-211, ANSI/AIHA Z9.5 and CSA Z316.5 standards.**

Entrust your safety
to the right specialist ...

The reduction of chemical hazards within laboratories has become a prime concern in the last few decades. **erlab**® has instituted a set of means (products and services) to the benefit of user safety in the laboratory. Ductless fume hoods provide protection for a wide range of applications, protect the environment and save valuable energy by recycling large quantities of purified air.

Erlab® n°1 in the world with captair®

- A unique R&D laboratory
- A multi-lingual sales department
- Integrated production within our 10,000 m² facility
- An accredited international network of **asura**® after-sales service technicians

* Asura maintenance is an erlab® Group service

AFNOR NF X 15-211 Standard

- High level of filtration.
- High retention capacity of the filter
- Efficient detection system for filter saturation
- High containment efficiency for toxic vapors in the enclosure

For your safety, **INSIST UPON** compliance with the **AFNOR NFX 15-211 standard.** The test report from the LNE (National Test Laboratory) is available on request.



Without protection, your health is in danger !

... If you breathe small quantities of ordinary chemicals every day.

If you breathe every day	TLV*	RISKS
Trichloro ethylene	50 ppm	liver, respiratory system damage
Toluene	50 ppm	central nervous system damage
Propylene oxide	20 ppm	potential occupational carcinogen
Nitric acid	2 ppm	pulmonary oedema, bronchitis
Ethyl acrylate	5 ppm	irritation of the eyes, skin, and respiratory system

Vapors from chemicals used in the laboratory, even in small amounts can have long term effects on your health. The TLV (Treshold Limit Value) defines for each chemical the concentration level at which the chemical becomes harmful to your health (TLV is expressed in parts per million - ppm)

*1 ppm is equal to 1 cubic cm of toxic in one cubic meter of air)

For a total protection



Benefits

- Total elimination of noxious vapors. Filtration in compliance with the AFNOR NF X 15-211 standard
- 24 hours a day purification of the laboratory air.
- No external ducting necessary.
- Exceptional visual comfort.
- Very silent ventilation.
- Important resistance to corrosion.
- Fan failure - alarm to monitor the operation of the ventilation system.
- Spill tray

These **captair**® store are equipped with a very silent turbin fan which attracts vapors of chemicals from bottles to a molecular filter with high retention capacity (in compliance with the very strict criteria of AFNOR NFX 15 211 standard). Working 24 hours a day, the air of the laboratory is purified (from 45 to 90 m³ / hour). A **captair**® store can be installed close to the operator, no ducting is necessary. A large transparent door allows a good view of the stored chemicals. All **captair**® store are made of an anticorrosion metallic alloy protected by a thermohardening epoxy-polyester anti-acid coating.

The **captair**® store AVP 804 can come complete with :

- An audible and visual alarm to monitor the operation of the ventilation system the "Fan Failure".
- A sampling port for the testing of the saturation level of the filter with color coded reactive tubes.
- A "securifilter", filter saturation electronic detector for solvents.
- A spill tray with absorbent mat to contain potential spills in case of broken bottles or containers.

Vented storage cabinets for the storage

of chemicals not compatible with other chemicals



In compliance with AFNOR NF X 15-211 standard
AVP 804
Midcap AVP 804
AVPD 804
Midcap AVPD 804



Filtering Shelf Ref.: Shelf 812



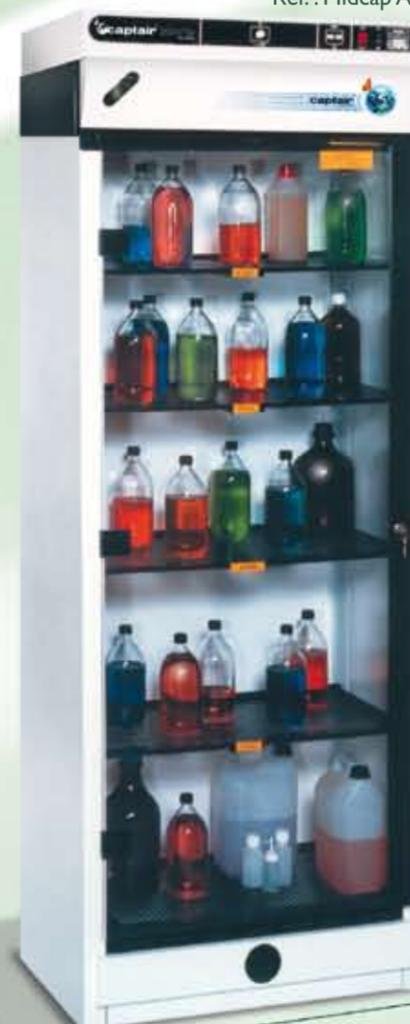
Placed on a benchtop Ref.: 812 A
Placed on its optional base Ref.: 812 B
Mounted to a wall Ref.: 812 C

Filtering Store Ref.: Ministore 822



Placed on a benchtop Ref.: 822 A
Placed on its optional base Ref.: 822 B
Mounted to a wall Ref.: 822 C
Placed under a benchtop Ref.: 822 D

Floor standing cabinet Ref.: AVP 804 Ref.: Midcap AVP 804



Model shown: AVP 804

Floor standing double cabinet Ref.: AVPD 804 - Ref.: Midcap AVPD 804



Model shown: AVPD 804

10 bottles of 1 liter / 0,26 gallon capacity

For the storage of daily used chemicals which are generally left on the benchtop.

Dimensions (mm)/in	L	W	H
Internal	783 / 30 3/4"	188 / 7 1/2"	348 / 13 3/4"
External	821 / 32 1/4"	285 / 11 1/4"	719 / 28 1/4"
		275 / 10 3/4"	929 / 36 1/2 (812B)

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	45 dBA
Volume of air treated	75 m ³ /h - 44 cfm
Air exchange	25 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	20 Watt
Amperage	0,17 A
Volume of spill tray	2x1 liter (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

45 bottles of 1 liter / 0,26 gallon capacity.

For the storage of commonly used chemicals.

Dimensions (mm)/in	L	W	H
Internal	753 / 29 1/2"	322 / 12 1/2"	519 / 20 1/2"
External	819 / 32 1/4"	354 / 14"	725 / 28 1/2"
		435 / 17 1/8"	911 / 35 7/8" (822B)
		372 / 14 2/3"	705 / 27 1/2" (822C)

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	45 dBA
Volume of air treated	75 m ³ /h - 44 cfm
Air exchange	9,9 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	20 Watt
Amperage	0,17 A
Volume of spill tray	2x2 liters (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

100 bottles of 1 liter / 0,26 gallon capacity.

For the storage of commonly used chemicals.

Dimensions (mm)/in	L	W	H
AVP 804 Internal	700 / 27 1/2"	425 / 16 3/4"	1730 / 68 1/9"
Midcap AVP 804 External	800 / 31 1/2"	505 / 19 8/9"	2150 / 84 2/3"

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	49 dBA
Volume of air treated	90 m ³ /h - 53 cfm
Air exchange	180 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	48 Watt
Amperage	0,30 A
Volume of spill tray	3 liters (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

Description of optional equipment on page 8

200 bottles of 1 liter / 0,26 gallon

For the storage of commonly used chemicals.

Dimensions (mm)/in	L	W	H
AVPD 804 Internal	2x 700 / 27 1/2"	425 / 16 3/4"	1730 / 68 1/9"
Midcap AVPD 804 External	1600 / 63"	505 / 19 8/9"	2150 / 84 2/3"

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	49 dBA
Volume of air treated	90 m ³ /h - 53 cfm
Air exchange	90 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	48 Watt
Amperage	0,30 A
Volume of spill tray	2x3 liters (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

Description of optional equipment on page 8

Vented storage cabinets for the storage

of chemicals not compatible with other chemicals



In compliance with AFNOR NF X 15-211 standard
 AVPS 804
 Midcap AVPS 804
 AVPDS 804
 Midcap AVPDS 804



Filtering store Ref.: Ministore 822

2 isolated compartments identified by a magnetic sign.



Placed on a benchtop Ref.: 822 A
 Placed on its optional base Ref.: 822 B
 Mounted to a wall Ref.: 822 C
 Placed under a benchtop Ref.: 822 D

Floor standing cabinet Ref.: AVPS 804 Ref.: Midcap AVPS 804

2 isolated compartments identified by a magnetic sign



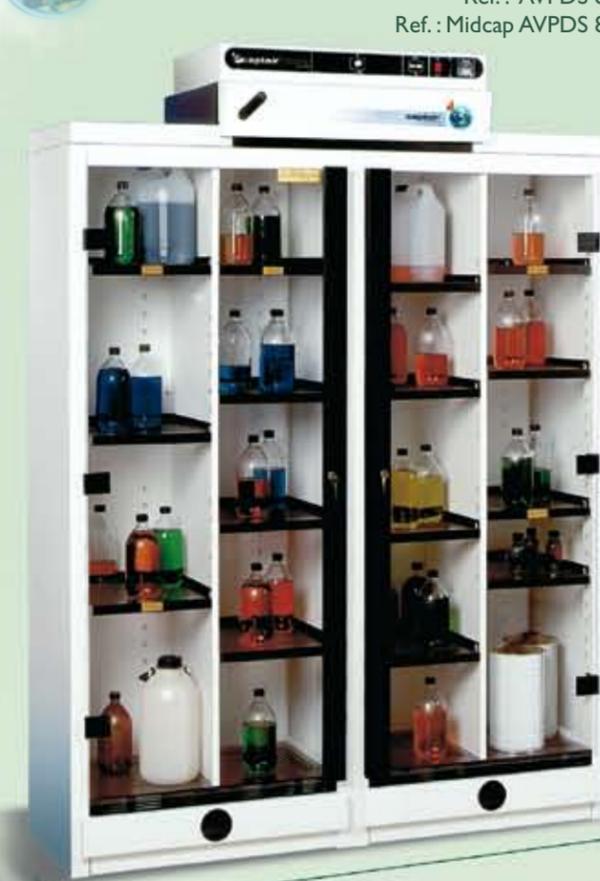
Floor standing double cabinet Ref.: AVPD 804 Ref.: Midcap AVPD 804

2 isolated compartments identified by a magnetic sign



Floor standing double cabinet Ref.: AVPDS 804 Ref.: Midcap AVPDS 804

4 isolated compartments and identified by a magnetic sign



45 bottles of 1 liter / 0,26 gallon capacity.

For the storage of commonly used chemicals.

Dimensions (mm)/in	L	W	H
Internal	753 / 29 1/2"	322 / 12 1/2"	519 / 20 1/2"
External	819 / 32 1/4"	354 / 14"	725 / 28 1/2"
		435 / 17 1/8"	911 / 35 7/8" (822B)
		372 / 14 2/3"	705 / 27 1/2" (822C)

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	45 dBA
Volume of air treated	75 m ³ /h - 44 cfm
Air exchange	9,9 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	20 Watt
Amperage	0,17 A
Volume of spill tray	2x2 liters (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

100 bottles of 1 liter / 0,26 gallon capacity.

For the storage of commonly used chemicals.

Dimensions (mm)/in	L	W	H
Internal	700 / 27 1/2"	425 / 16 3/4"	1730 / 68 1/9"
External	800 / 31 1/2"	505 / 19 8/9"	2150 / 84 2/3"

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	49 dBA
Volume of air treated	90 m ³ /h - 53 cfm
Air exchange	180 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	48 Watt
Amperage	0,30 A
Volume of spill tray	3 liters (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

Description of optional equipment on page 8

200 bottles of 1 liter / 0,26 gallon

For the storage of commonly used chemicals.

Dimensions (mm)/in	L	W	H
Internal	2x 700 / 27 1/2"	425 / 16 3/4"	1730 / 68 1/9"
External	1600 / 63"	505 / 19 8/9"	2150 / 84 2/3"

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	49 dBA
Volume of air treated	90 m ³ /h - 53 cfm
Air exchange	90 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	48 Watt
Amperage	0,30 A
Volume of spill tray	2x3 liters (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

Description of optional equipment on page 8

200 bottles of 1 liter / 0,26 gallon

For the storage of commonly used chemicals.

Dimensions (mm)/in	L	W	H
Internal	2x 700 / 27 1/2"	425 / 16 3/4"	1730 / 68 1/9"
External	1600 / 63"	505 / 19 8/9"	2150 / 84 2/3"

Type of filter	AS (predominance of organic vapors) BE (predominance of inorganic acid vapors)
Blower	Silent turbin fan
Sound level	49 dBA
Volume of air treated	90 m ³ /h - 53 cfm
Air exchange	90 times/min.
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	48 Watt
Amperage	0,30 A
Volume of spill tray	2x3 liters (with absorbent mat)
Coating	Galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All storage cabinets comply to the CE standard

Description of optional equipment on page 8

Standard equipment

The AVP 804

Same equipment on AVPS 804, AVPD 804 and AVPDS 804



FAN FAILURE
An audible and visual alarm to monitor the operation of the ventilation system.



Sampling port
for testing the filter saturation level of the filter.



Manual date marker for filter replacement



Adjustable shelves
with magnetic signs for separating the types of chemicals stored.



Visualization window
Type of filter.



Spill tray
with absorbent mat
3 liters / 0,79 gallon capacity.



Door lock and key



HCL Box

The Midcap AVP 804

Same equipment on Midcap AVPS 804, Midcap AVPD 804, Midcap AVPDS 804
(No option available for this model)



Visualization window
Type of filter.



Spill tray
with absorbent mat
3 liters / 0,79 gallon capacity.



Door lock and key



Adjustable shelves
with magnetic signs for separating the types of chemicals stored.

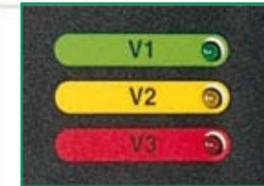


HCL Box

Options

SECURIFILTER™

Filter saturation electronic alarm for solvents.
(Has to be ordered at the same time as the captair®store)



Model AVPS and AVPDS 804 with a double door

Two door openings solutions adapted to your specific working space
For limited working spaces
Door opening radius 36 cm.



Model AVPD S 804
Equipped with option: OPTN/P2



Model AVPS 804
Equipped with option: OPTN/P1

Vented storage cabinets

model to be ducted without filtration

The **captair®store** AVP 804 can also be sold as a unit to be ducted. This model is equipped with a filter housing (volume of air treated 300 m3/hour) and a 3,3 meter/10" flexible duct with a 100 mm / 4" diameter collar.



AVP R

Dimensions (mm)/in	L	W	H
Internal	700 / 27 1/2"	425 / 16 3/4"	1730 / 68 1/9"
External	800 / 31 1/2"	505 / 19 8/9"	2150 / 84 2/3"

AVP S-R

2 isolated compartments

AVP D-R

Dimensions (mm)/in	L	W	H
Internal	2x 700 / 27 1/2"	425 / 16 3/4"	1730 / 68 1/9"
External	1600 / 63"	505 / 19 8/9"	2150 / 84 2/3"

AVP SD-R

4 isolated compartments

Blower	Silent turbin fan
Sound level	55 dbA
Voltage / frequency	115 Volts / 60 Hertz
Power consumption	90 Watts
Amperage	0,30 A
Volume of spill tray	3 liters (AVPR and AVP S-R)
(with absorbent mat)	2x3 liters (AVP D-R and AVP SD-R)
Coating	galvanized steel with epoxy-polyester anti-acid coating
Electric wiring	All ducted storage cabinets comply to the CE standard

- "FAN FAILURE"
- Door lock with key
- Adjustable shelves
- Spill tray with absorbent mat

Description of optional equipment on page 8

Questionnaire

Tell us about your
storage



In order to help you to determine the **captair®** vented store cabinet suitable to your application, we kindly ask you to spend a few minutes to answer the questions below.

N°	Chemical	Average number of flasks to be stored	Content per flask
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Document to be completed, photocopied and faxed to erlab or to your retailer

Company : _____
 Name of user : _____
 Address : _____
 Zip code : _____
 Tel : _____
 e-mail : _____

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This questionnaire is available as an electronic version on our website at the following address :

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