captair® flex™

Product Guide

www.erlab®group.com

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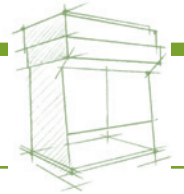
Midcap M 321

Mobile ductless filtration fume hood for personal protection
during handlings of liquid, gaseous and solid chemicals.

Molecular filtration by adsorption on activated carbon filter
and particulate filtration on H14 HEPA filter.



The guarantee of your protection will be only ensured after the erlab® laboratory approval. Please contact your supplier and benefit from the **ESP®** (Erlab Safety Program) for a validation of the safety parameters (type of column, filter lifetime, saturation detection method and replacement filter procedure...), linked to the use of this cabinet.

Technical specifications

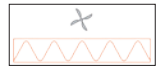
Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height	Width	Depth	Height
Midcap M 321	800	630	1160	764	543	866

Specifications

Number of columns	1
Number of fans (IP44)	1
Processed air flow	230 m^3/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption	45 watts (without lighting)
Amperage absorbed	1,6 amp.

Modular filtration column

Molecular filtration efficiency in compliance with NFX 15-211: 2009 class 2 standard		H14 HEPA Filtration	
Type 1C Liquid chemicals handlings		**Type 1P** Powders handlings	

Molecular filter — H14 HEPA filter

Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	8 mm thick acrylic
Filtration module	Polypropylene

Equipments

Standard Equipment

Air flow meter	Permanent air face velocity monitoring system
Energy ports	For the passage of cables
Chemical Listing	List of approved chemicals

Options

Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
External lighting	Pivoting - 11 Watts - 400 Lux - IP 20
Mobicap	Rolling cart made of anti-corrosion metallic alloy
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
Transparent back panel	Acrylic
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

GF4 AS	For organic vapours
GF4 BE +	For organic vapours + acid vapours
GF4 F	For formaldehyde vapours
GF4 K	For ammonia vapours
GF4 HP	H14 HEPA Filter for powders

Compliance to standards

- CE Marking
- NF P.92.507 (Acrylic part)
- EN 1822 : 1998 (H14 HEPA filter)

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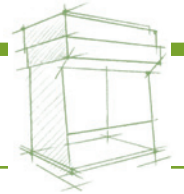

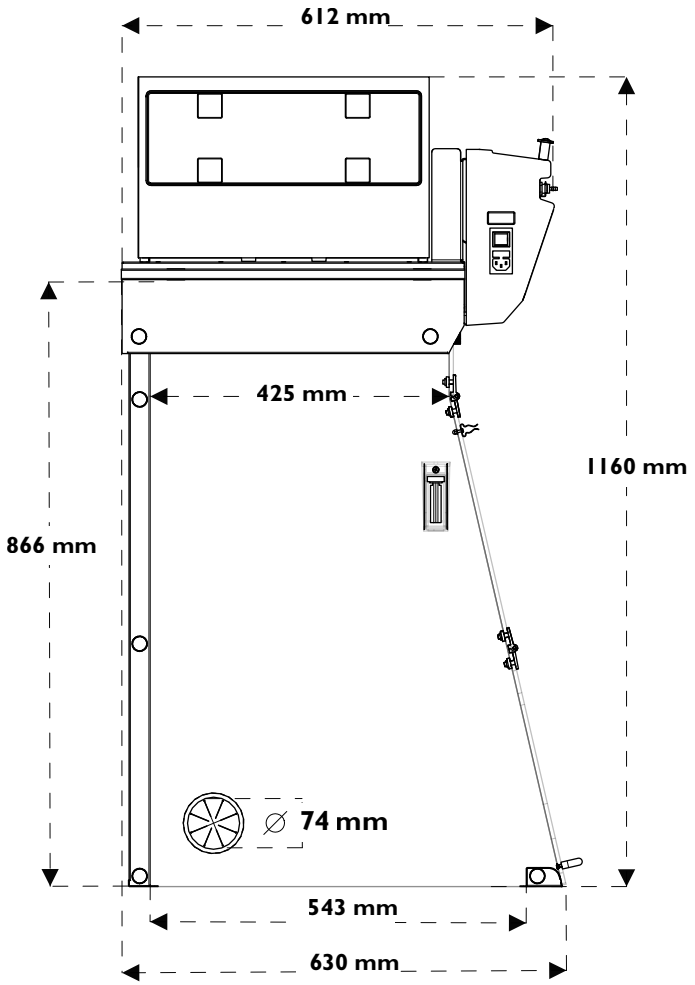

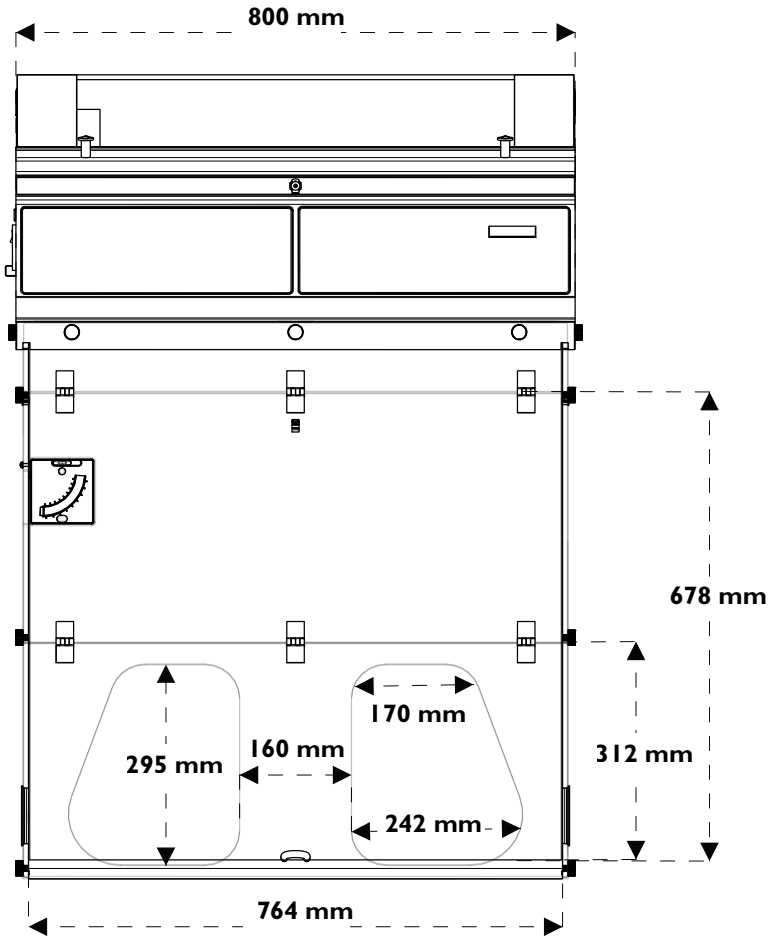

*Total height according to filtration column type (mm)	
Type 1P	1160
Type 1C	1160

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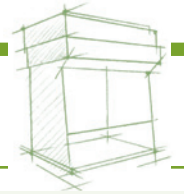
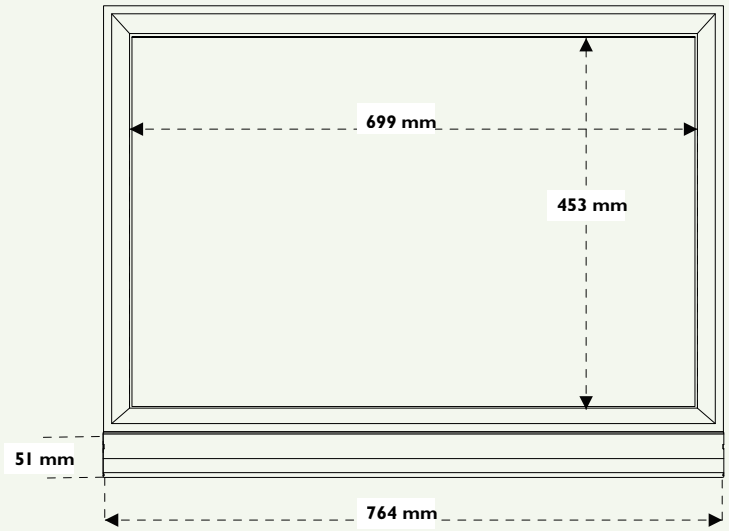
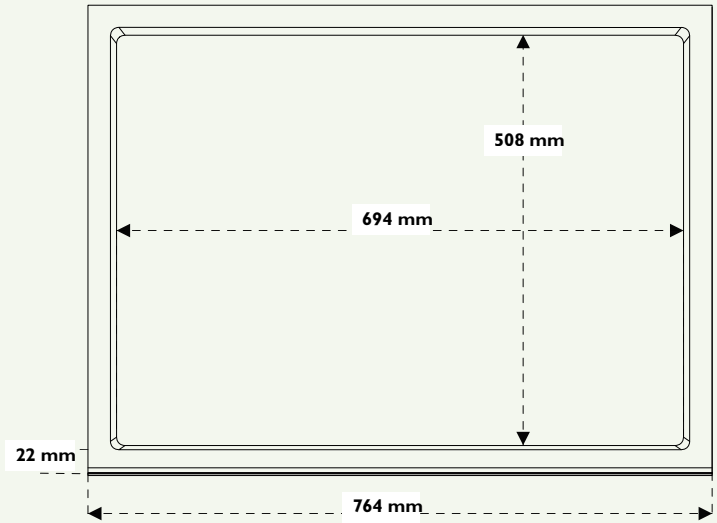


Work surface N°1



Work surface N°2



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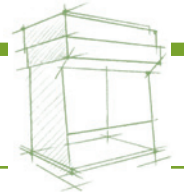

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Technical specifications

Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height*	Width	Depth	Height
M 321	800	630	1160 mini 1345 maxi	764	543	866

*According to filtration column type

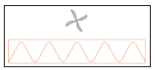
Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	8 mm thick acrylic
Filtration module	Polypropylene

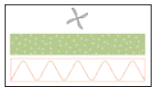
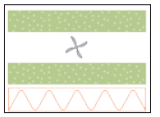
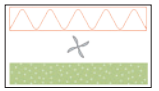
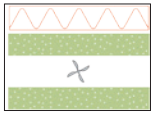
Specifications

Number of columns	1
Number of fans (IP44)	1
Processed air flow	230 m³/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption including electricity for the lights	19 - 53 Watts
Amperage absorbed	1,6 amp.

Modular filtration column

Type 1P Powders handlings	

Modular filtration column

Class 2 - (NFX 15-211 : 2009 standard)		**Class 1 -** (NFX 15-211 : 2009 standard)	
Type 1C Liquid chemicals handlings		**Type 2C** Liquid chemicals handlings	
Type 1P 1C Liquid chemicals and powders handlings		**Type 1P 2C** Liquid chemicals and powders handlings	
Type 1C 1P Liquid chemicals and powders handlings in clean room		**Type 2C 1P** Liquid chemicals and powders handlings in clean room	

Molecular filter H14 HEPA filter

Equipments

Standard Equipment

Air flow meter	Permanent air face velocity monitoring system
Flow monitor	Permanent ventilation control device according to EN 14175-2:2003 standard
Internal lighting	Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67
Sampling port	For filter saturation detection (N/A if Molecode S installed)
Programmable timer	Timer - 60 hours setting by default according to NFX 15 211: 2009 standard
Energy ports	For the passage of cables
Chemical Listing	List of approved chemicals

Options

Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard (*compulsory for class 1 configuration)
Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
Mobicap	Rolling cart made of anti-corrosion metallic alloy
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
Transparent back panel	Acrylic
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

GF4 AS	For organic vapours
GF4 BE +	For organic vapours + acid vapours
GF4 F	For formaldehyde vapours
GF4 K	For ammonia vapours
GF4 HP	H14 HEPA Filter for powders

Compliance to standards

- AFNOR NF X 15-211:2009 - France
- ANSI/ASHRAE 110-1995 - USA
- BS 7258 - England
- CSA Z316.5 - Canada
- CE Marking
- NF P.92.507 (Acrylic part)
- EN 1822 : 1998 (H14 HEPA filter)

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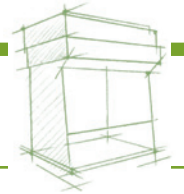

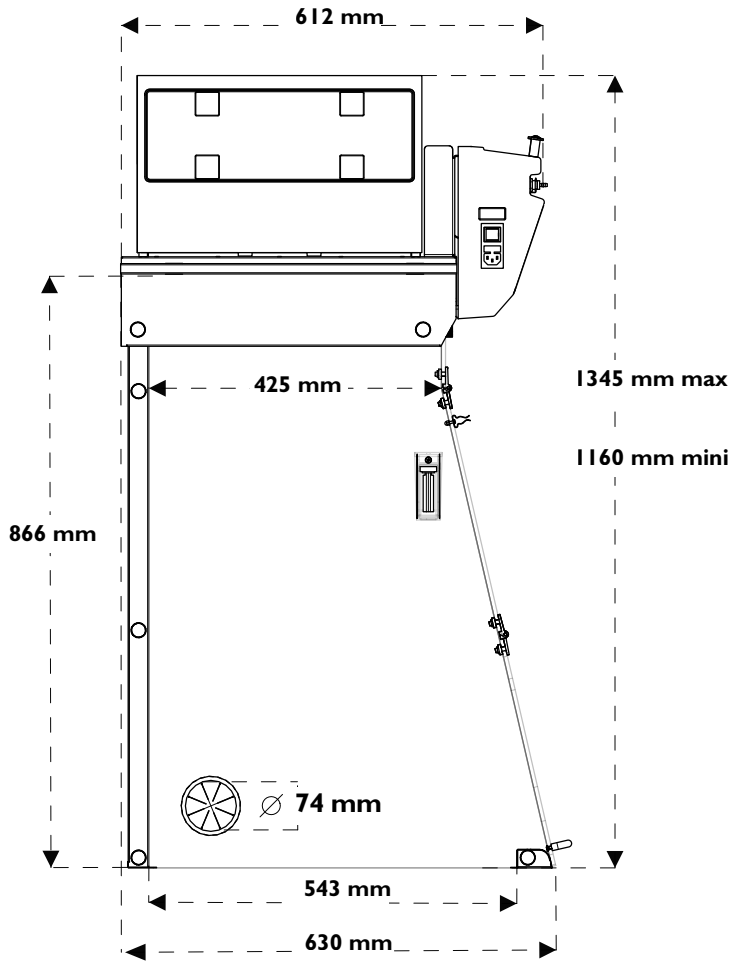

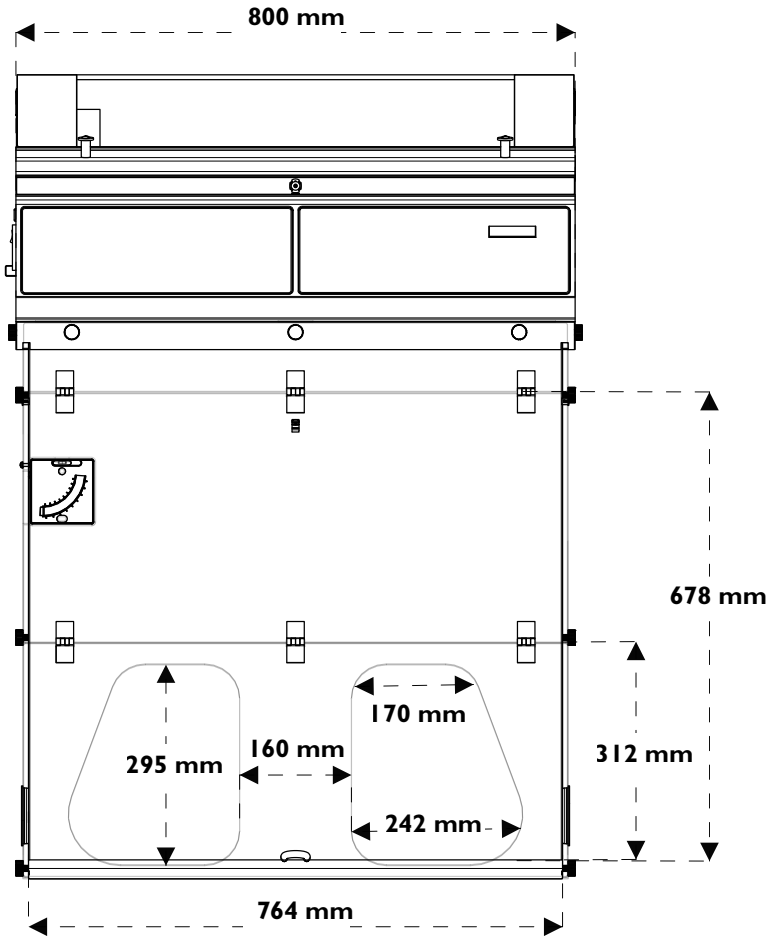

*Total height according to filtration column type (mm)			
Type 1P	1160	**Type 2C**	1256
Type 1C	1160	**Type 1P 2C**	1345
Type 1P 1C	1256	**Type 2C 1P**	1345
Type 1C 1P	1256		

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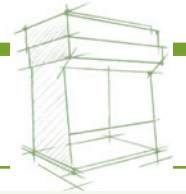
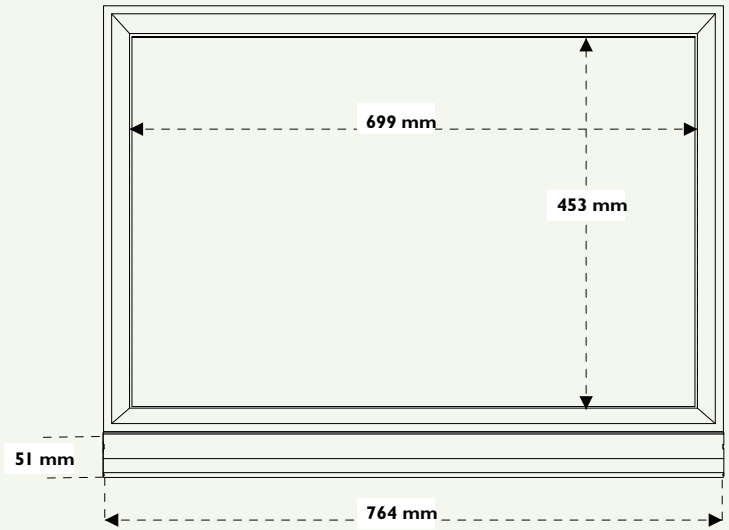
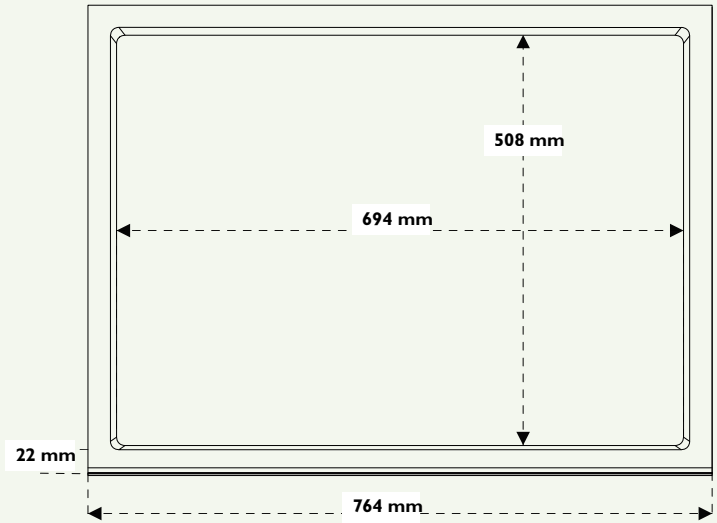


Work surface N°1



Work surface N°2



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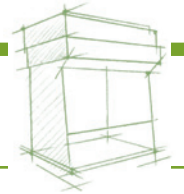

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Technical specifications

Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height*	Width	Depth	Height
M 391	1000	630	1160 mini 1345 maxi	965	522	860

*According to filtration column type

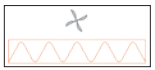
Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	6 mm thick acrylic
Filtration module	Polypropylene

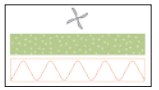
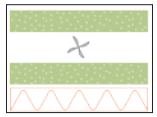
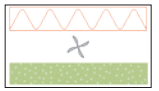
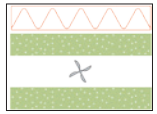
Specifications

Number of columns	1
Number of fans (IP44)	1
Processed air flow	230 m³/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption including electricity for the lights	19 - 53 Watts
Amperage absorbed	1,6 amp.

Modular filtration column

Type 1P Powders handlings	

Modular filtration column

Class 2 - (NFX 15-211 : 2009 standard)		Class 1 - (NFX 15-211 : 2009 standard)	
Type 1C Liquid chemicals handlings		**Type 2C** Liquid chemicals handlings	
Type 1P 1C Liquid chemicals and powders handlings		**Type 1P 2C** Liquid chemicals and powders handlings	
Type 1C 1P Liquid chemicals and powders handlings in clean room		**Type 2C 1P** Liquid chemicals and powders handlings in clean room	

Molecular filter H14 HEPA filter

Equipments

Standard Equipment

Air flow meter	Permanent air face velocity monitoring system
Flow monitor	Permanent ventilation control device according to EN 14175-2:2003 standard
Internal lighting	Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67
Sampling port	For filter saturation detection (N/A if Molecode S installed)
Programmable timer	Timer - 60 hours setting by default according to NFX 15 211: 2009 standard
Energy ports	For the passage of cables
Chemical Listing	List of approved chemicals

Options

Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard (*compulsory for class 1 configuration)
Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
Mobicap	Rolling cart made of anti-corrosion metallic alloy
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
Transparent back panel	Acrylic
Access door on rear panel	For maintenance interventions
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

GF4 AS	For organic vapours
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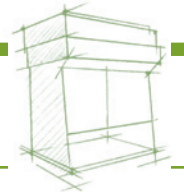

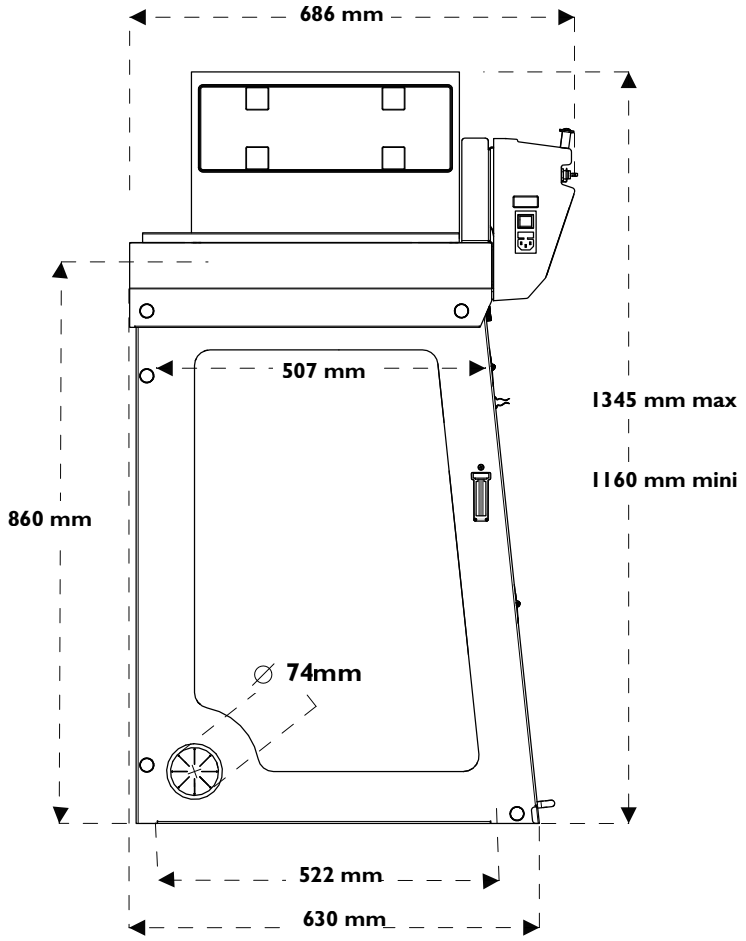

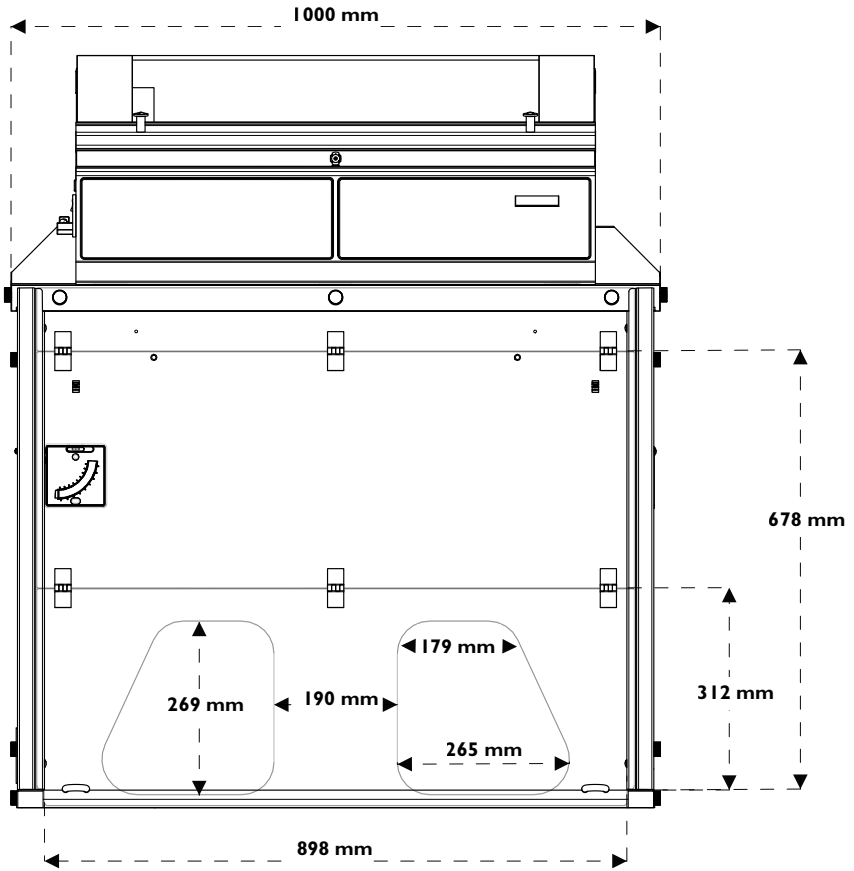

*Total height according to filtration column type (mm)			
Type 1P	1160	**Type 2C**	1256
Type 1C	1160	**Type 1P 2C**	1345
Type 1P 1C	1256	**Type 2C 1P**	1345
Type 1C 1P	1256		

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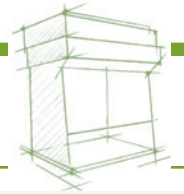
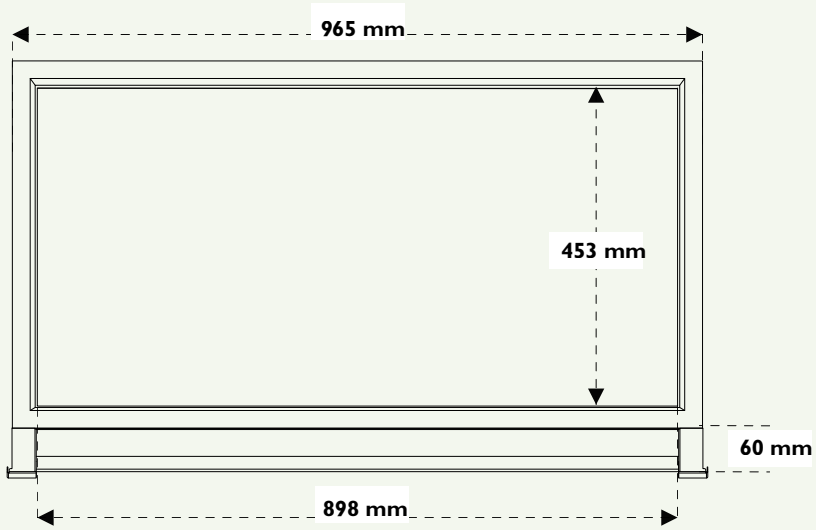
M 391

Mobile ductless filtration fume hood for personal protection
during handlings of liquid, gaseous and solid chemicals.

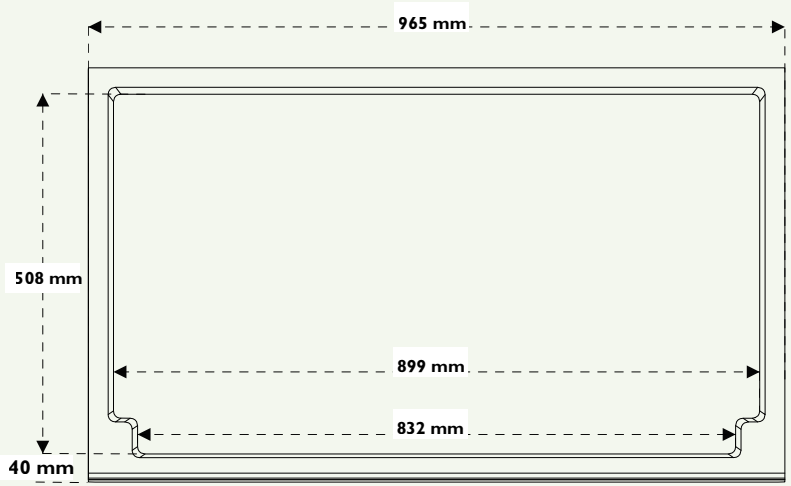
Molecular filtration by adsorption on activated carbon filter
and particulate filtration on H14 HEPA filter.



Work surface N°1



Work surface N°2



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Molecular filtration by adsorption on activated carbon filter
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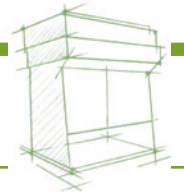


The guarantee of your protection will be only ensured after the erlab®laboratory approval. Please contact your supplier and benefit from the **ESP®** (Erlab Safety Program) for a validation of the safety parameters (type of column, filter lifetime, saturation detection method and replacement filter procedure...), linked to the use of this cabinet.

Technical specifications

Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height*	Width	Depth	Height
M 481	1275	630	1160 mini 1345 maxi	1240	522	860

*According to filtration column type

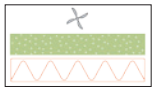
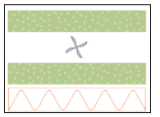
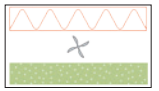
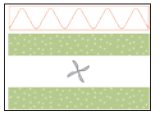
Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	6 mm thick acrylic
Filtration module	Polypropylene

Specifications

Number of columns	1
Number of fans (IP44)	1
Processed air flow	230 m³/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption including electricity for the lights	19 - 71 Watts
Amperage absorbed	1,6 amp.

Modular filtration column

Class 2 - (NFX 15-211 : 2009 standard)		**Class 1 -** (NFX 15-211 : 2009 standard)	
Type 1C Liquid chemicals handlings		**Type 2C** Liquid chemicals handlings	
Type 1P 1C Liquid chemicals and powders handlings		**Type 1P 2C** Liquid chemicals and powders handlings	
Type 1C 1P Liquid chemicals and powders handlings in clean room		**Type 2C 1P** Liquid chemicals and powders handlings in clean room	

Molecular filter H14 HEPA filter

Equipments

Standard Equipment

Air flow meter	Permanent air face velocity monitoring system
Flow monitor	Permanent ventilation control device according to EN 14175-2:2003 standard
Internal lighting	Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67
Sampling port	For filter saturation detection (N/A if Molecode S installed)
Programmable timer	Timer - 60 hours setting by default according to NFX 15 211: 2009 standard
Energy ports	For the passage of cables
Chemical Listing	List of approved chemicals

Options

Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard (*compulsory for class 1 configuration)
Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
Transparent back panel	Acrylic
Access door on rear panel	For maintenance interventions
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

GF4 AS	For organic vapours
GF4 BE +	For organic vapours + acid vapours
GF4 F	For formaldehyde vapours
GF4 K	For ammonia vapours
GF4 HP	H14 HEPA Filter for powders

Compliance to standards

- AFNOR NF X 15-211:2009 - France
- ANSI/ASHRAE 110-1995 - USA
- BS 7258 - England
- CSA Z316.5 - Canada
- CE Marking
- NF P.92.507 (Acrylic part)
- EN 1822 : 1998 (H14 HEPA filter)

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Molecular filtration by adsorption on activated carbon filter
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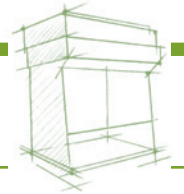

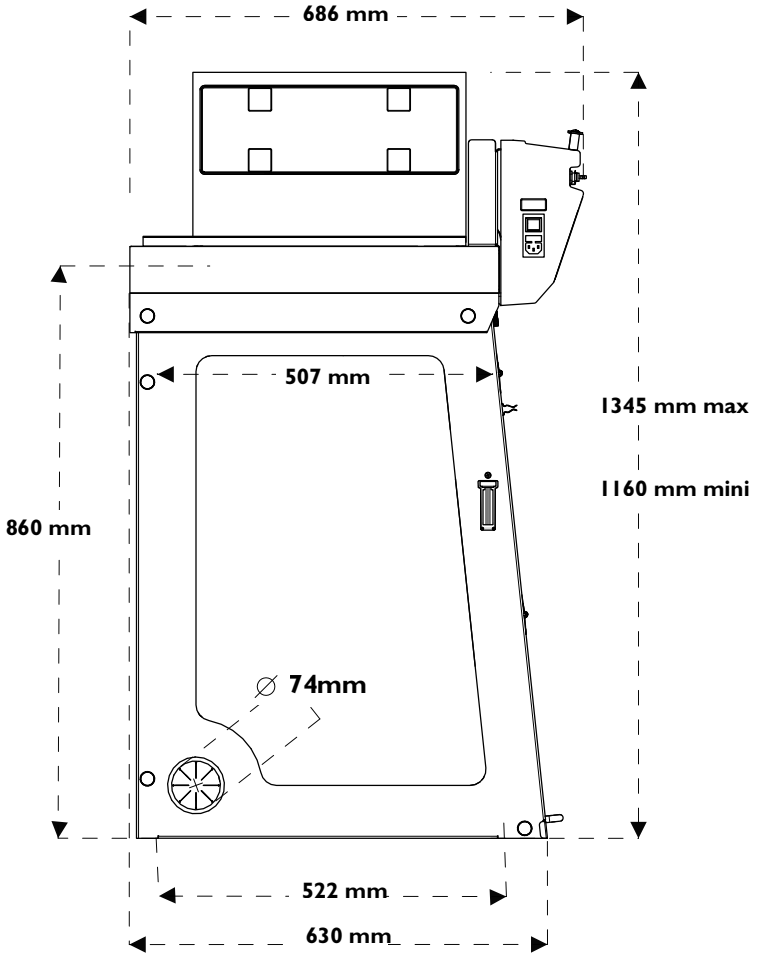

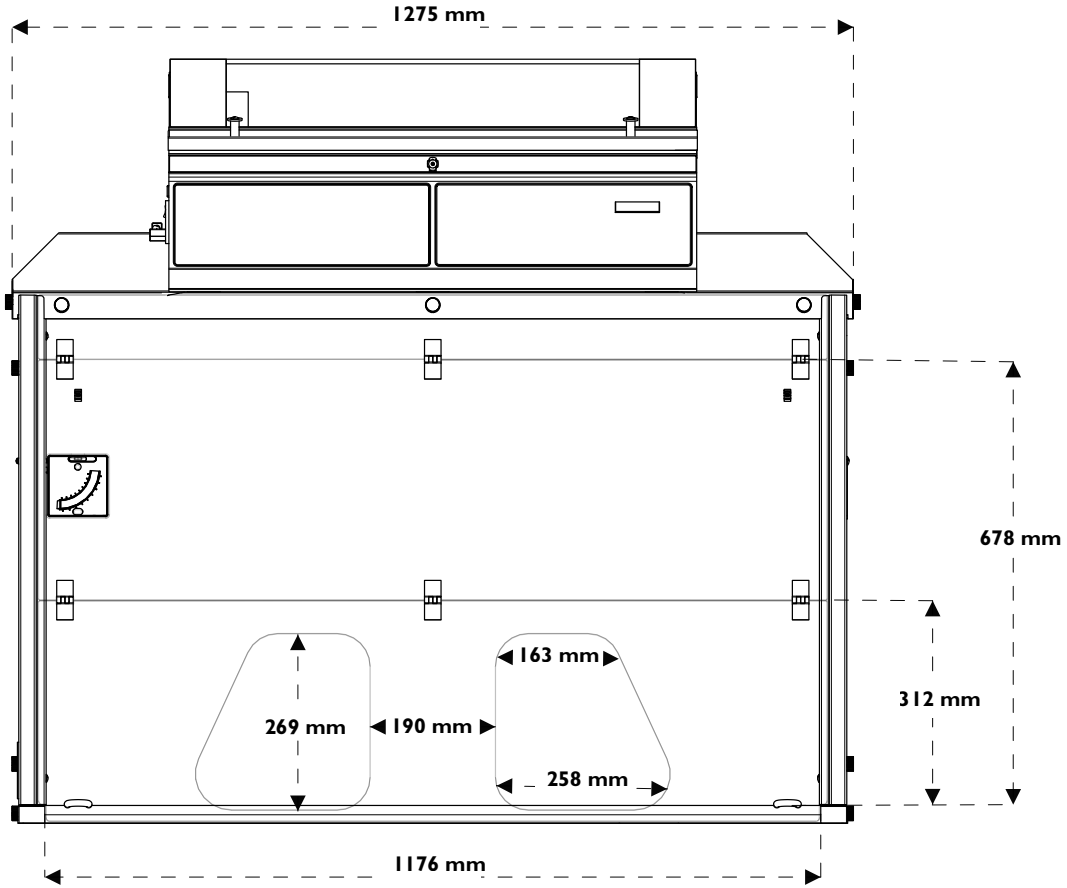

*Total height according to filtration column type (mm)			
Type 1C	1160	**Type 2C**	1256
Type 1P 1C	1256	**Type 1P 2C**	1345
Type 1C 1P	1256	**Type 2C 1P**	1345

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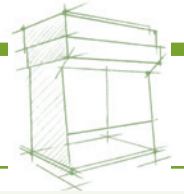
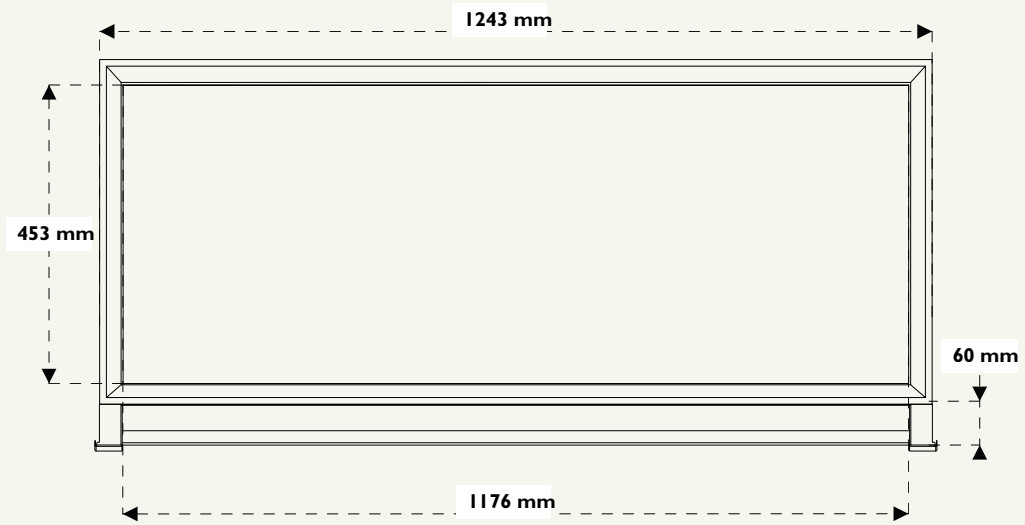
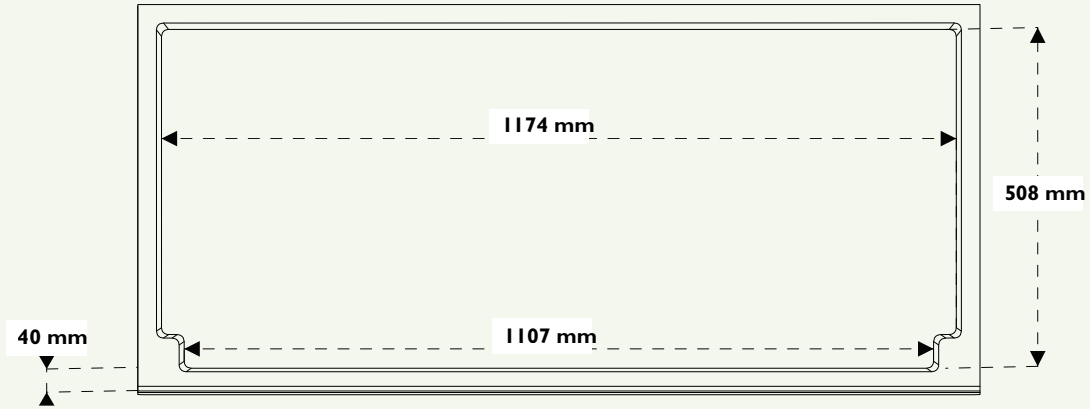


Work surface N°1



Work surface N°2



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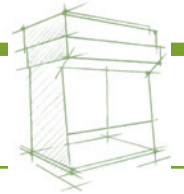

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Technical specifications

Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height*	Width	Depth	Height
XLS 392	1000	800	1315 mini 1495 maxi	965	695	1040

*According to filtration column type

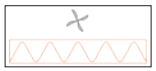
Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	6 mm thick acrylic
Filtration module	Polypropylene

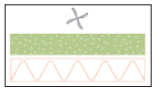
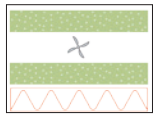
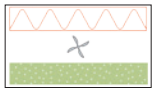
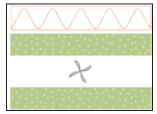
Specifications

Number of columns	2
Number of fans (IP44)	2
Processed air flow	460 m³/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption including electricity for the lights	38 - 88 Watts
Amperage absorbed	3,6 amp.

Modular filtration column

Type 1P Powders handlings	

Modular filtration column

Class 2 - (NFX 15-211 : 2009 standard)		Class 1 - (NFX 15-211 : 2009 standard)	
Type 1C Liquid chemicals handlings		**Type 2C** Liquid chemicals handlings	
Type 1P 1C Liquid chemicals and powders handlings		**Type 1P 2C** Liquid chemicals and powders handlings	
Type 1C 1P Liquid chemicals and powders handlings in clean room		**Type 2C 1P** Liquid chemicals and powders handlings in clean room	

Molecular filter H14 HEPA filter

Equipments

Standard Equipment

Air flow meter	Permanent air face velocity monitoring system
Flow monitor	Permanent ventilation control device according to EN 14175-2:2003 standard
Internal lighting	Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67
Sampling port	For filter saturation detection (N/A if Molecode S installed)
Programmable timer	Timer - 60 hours setting by default according to NFX 15 211: 2009 standard
Energy ports	For the passage of cables
Chemical Listing	List of approved chemicals

Options

Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard (*compulsory for class 1 configuration)
Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
Transparent back panel	Acrylic
Access door on rear panel	For maintenance interventions
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

GF4 AS	For organic vapours
GF4 BE +	For organic vapours + acid vapours
GF4 F	For formaldehyde vapours
GF4 K	For ammonia vapours
GF4 HP	H14 HEPA Filter for powders

Compliance to standards

- AFNOR NF X 15-211:2009 - France
- ANSI/ASHRAE 110-1995 - USA
- BS 7258 - England
- CSA Z316.5 - Canada
- CE Marking
- NF P.92.507 (Acrylic part)
- EN 1822 : 1998 (H14 HEPA filter)

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Molecular filtration by adsorption on activated carbon filter
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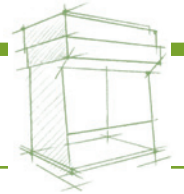

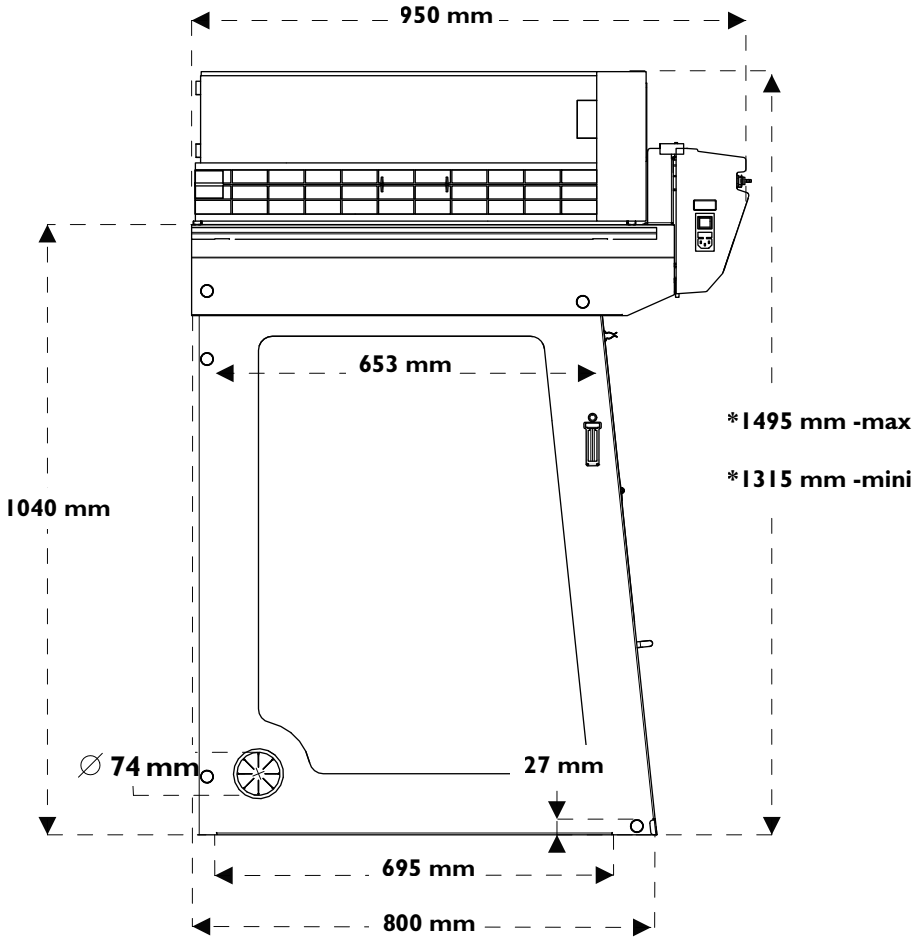

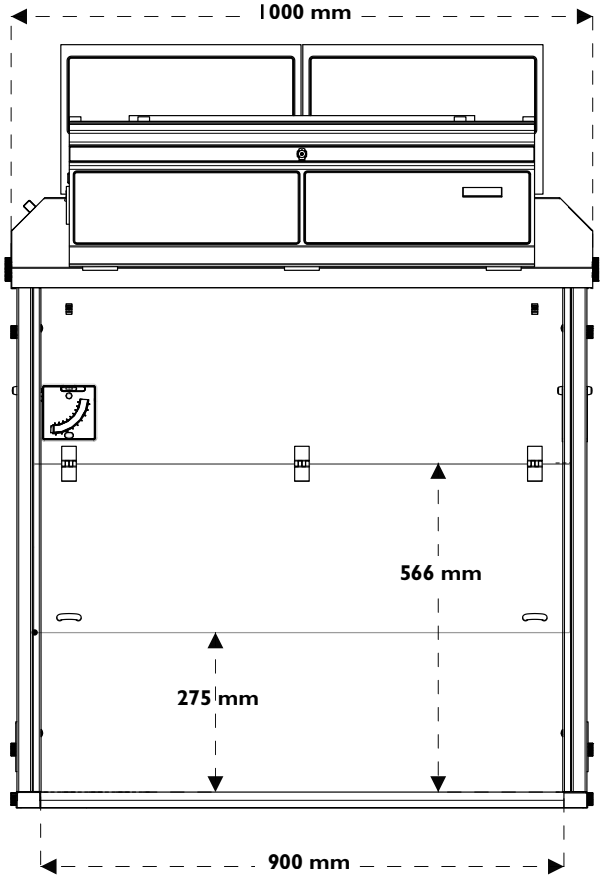

*Total height according to filtration column type (mm)			
Type 1P	1315	**Type 2C**	1406
Type 1C	1315	**Type 1P 2C**	1495
Type 1P 1C	1406	**Type 2C 1P**	1495
Type 1C 1P	1406		

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Molecular filtration by adsorption on activated carbon filter
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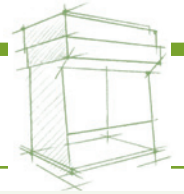
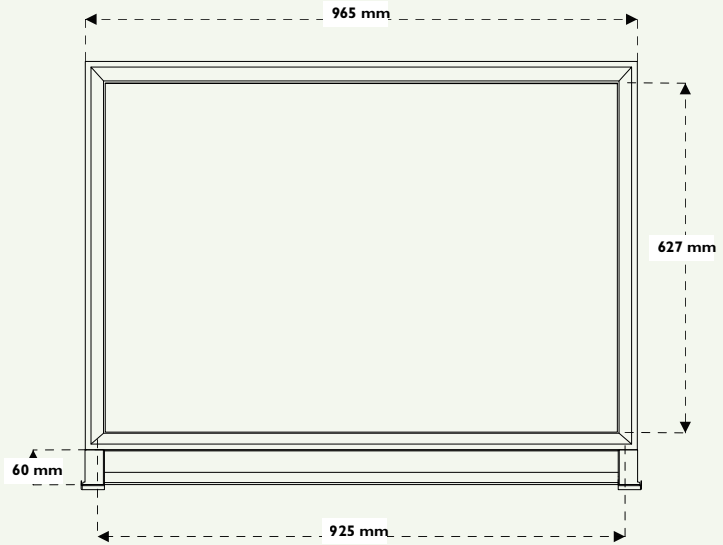
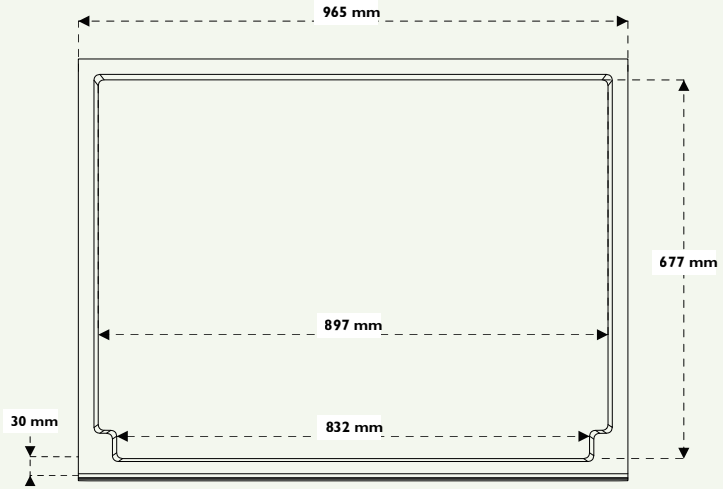


Work surface N°1



Work surface N°2



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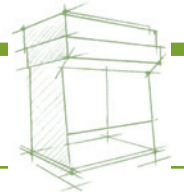
Molecular filtration by adsorption on activated carbon filter
and particulate filtration on H14 HEPA filter.



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Technical specifications

Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height*	Width	Depth	Height
XLS 483	1275	800	1315 mini 1495 maxi	1173	695	1040

*According to filtration column type

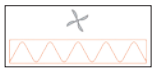
Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	6 mm thick acrylic
Filtration module	Polypropylene

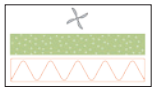
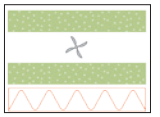
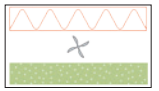
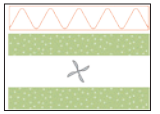
Specifications

Number of columns	3
Number of fans (IP44)	3
Processed air flow	690 m³/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption including electricity for the lights	57 -141 Watts
Amperage absorbed	4,8 amp.

Modular filtration column

Type 1P Powders handlings	

Modular filtration column

Class 2 - (NFX 15-211 : 2009 standard)		**Class 1 -** (NFX 15-211 : 2009 standard)	
Type 1C Liquid chemicals handlings		**Type 2C** Liquid chemicals handlings	
Type 1P 1C Liquid chemicals and powders handlings		**Type 1P 2C** Liquid chemicals and powders handlings	
Type 1C 1P Liquid chemicals and powders handlings in clean room		**Type 2C 1P** Liquid chemicals and powders handlings in clean room	

Molecular filter H14 HEPA filter

Equipments

Standard Equipment

Air flow meter	Permanent air face velocity monitoring system
Flow monitor	Permanent ventilation control device according to EN 14175-2:2003 standard
Internal lighting	Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67
Sampling port	For filter saturation detection (N/A if Molecode S installed)
Programmable timer	Timer - 60 hours setting by default according to NFX 15 211: 2009 standard
Energy ports	For the passage of cables
Chemical Listing	List of approved chemicals

Options

Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard (*compulsory for class 1 configuration)
Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
Transparent back panel	Acrylic
Access door on rear panel	For maintenance interventions
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

GF4 AS	For organic vapours
GF4 BE +	For organic vapours + acid vapours
GF4 F	For formaldehyde vapours
GF4 K	For ammonia vapours
GF4 HP	H14 HEPA Filter for powders

Compliance to standards

- AFNOR NF X 15-211:2009 - France
- ANSI/ASHRAE 110-1995 - USA
- BS 7258 - England
- CSA Z316.5 - Canada
- CE Marking
- NF P.92.507 (Acrylic part)
- EN 1822 : 1998 (H14 HEPA filter)

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Mobile ductless filtration fume hood for personal protection
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Molecular filtration by adsorption on activated carbon filter
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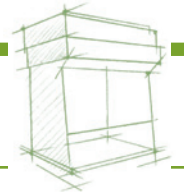

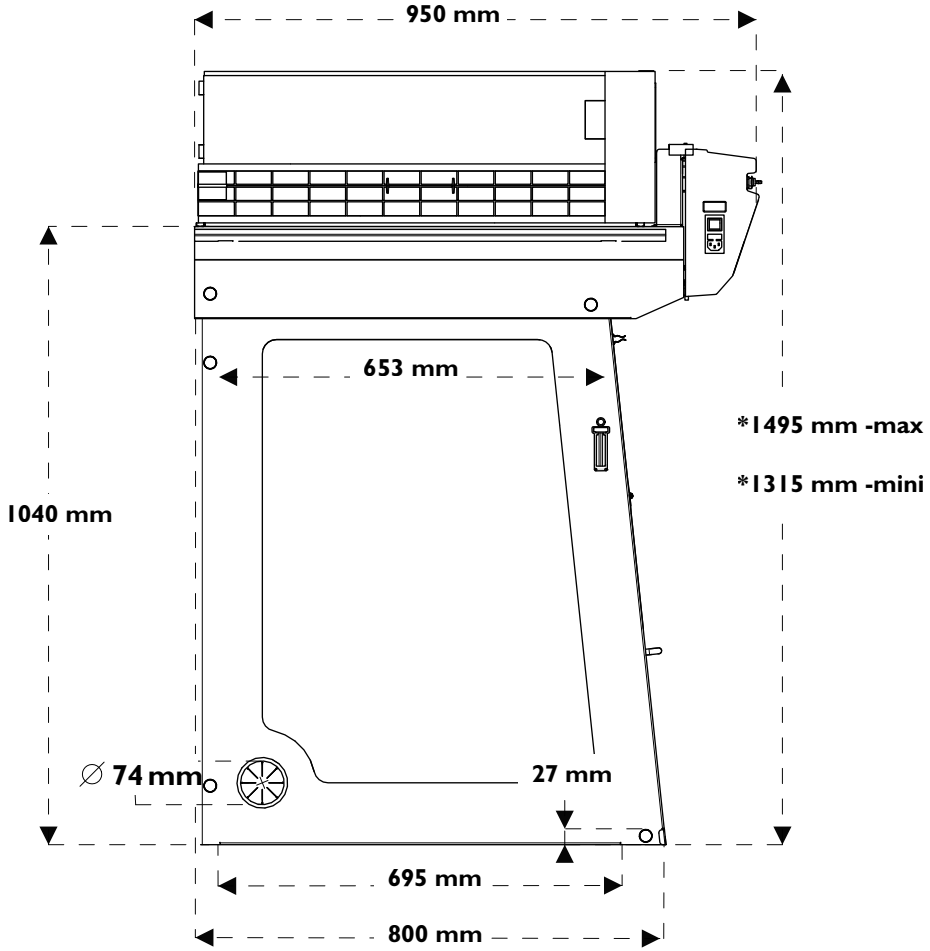

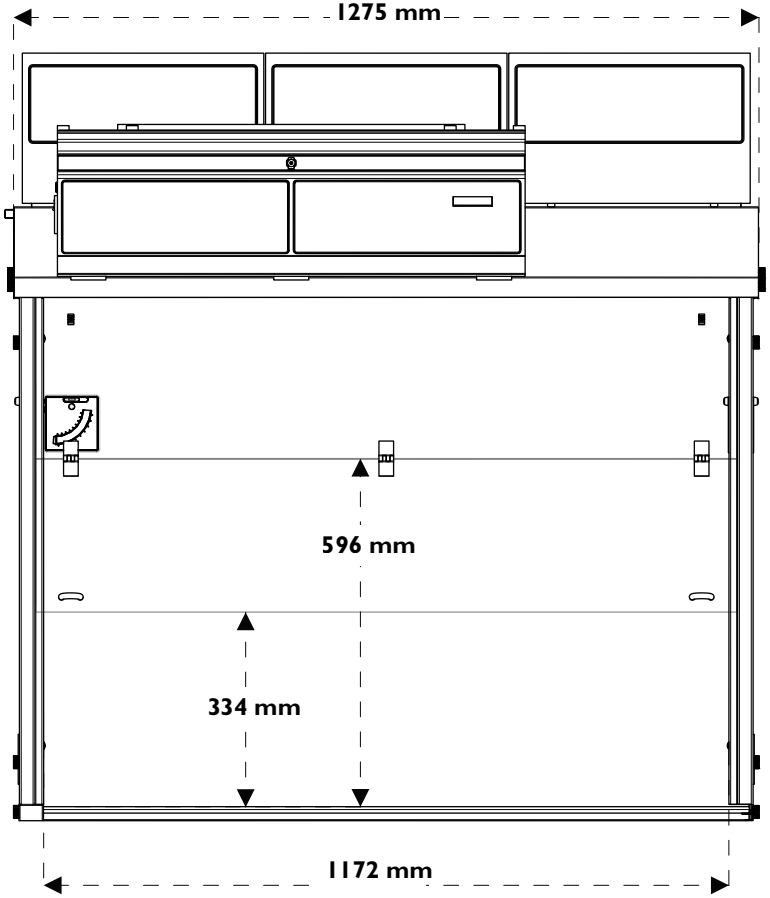

*Total height according to filtration column type (mm)			
Type 1P	1315	**Type 2C**	1406
Type 1C	1315	**Type 1P 2C**	1495
Type 1P 1C	1406	**Type 2C 1P**	1495
Type 1C 1P	1406		

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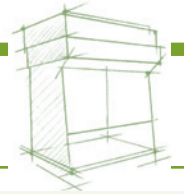
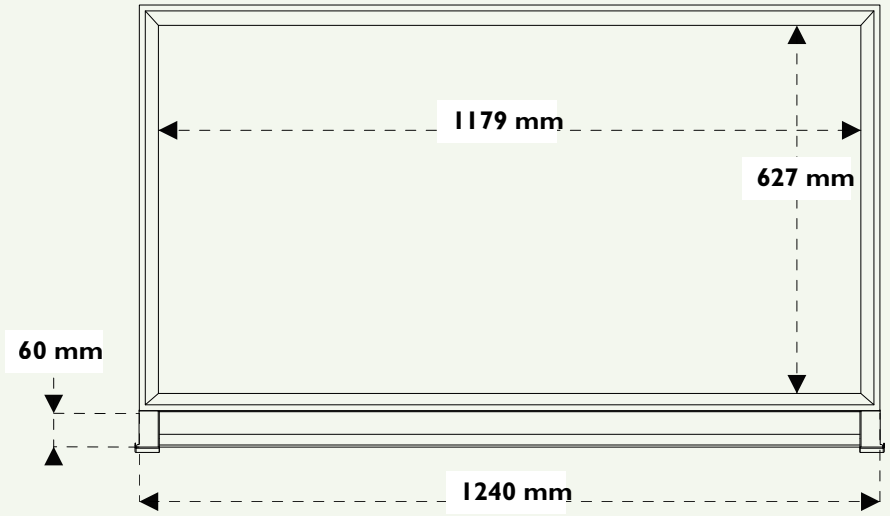
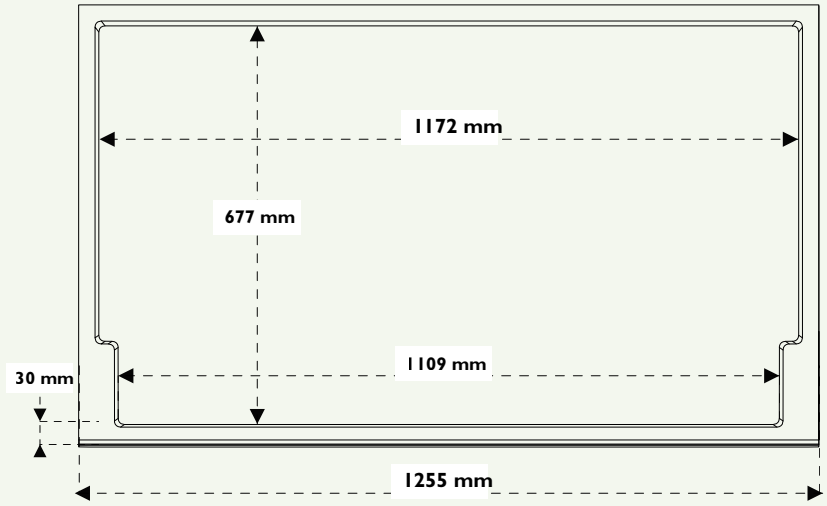


Work surface N°1



Work surface N°2



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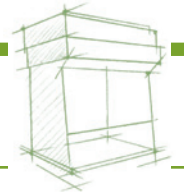


The guarantee of your protection will be only ensured after the erlab® laboratory approval. Please contact your supplier and benefit from the **ESP®** (Erlab Safety Program) for a validation of the safety parameters (type of column, filter lifetime, saturation detection method and replacement filter procedure...), linked to the use of this cabinet.

Technical specifications

Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height*	Width	Depth	Height
XLS 633	1600	800	1315 mini 1495 maxi	1566	695	1040

*According to filtration column type

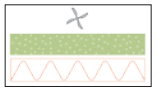
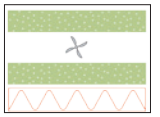
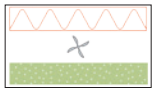
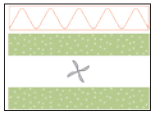
Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	6 mm thick acrylic
Filtration module	Polypropylene

Specifications

Number of columns	3
Number of fans (IP44)	3
Processed air flow	690 m^3/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption including electricity for the lights	57 -141 Watts
Amperage absorbed	4,8 amp.

Modular filtration column

Class 2 - (NFX 15-211 : 2009 standard)		**Class 1 -** (NFX 15-211 : 2009 standard)	
Type 1C Liquid chemicals handlings		**Type 2C** Liquid chemicals handlings	
Type 1P 1C Liquid chemicals and powders handlings		**Type 1P 2C** Liquid chemicals and powders handlings	
Type 1C 1P Liquid chemicals and powders handlings in clean room		**Type 2C 1P** Liquid chemicals and powders handlings in clean room	

Molecular filter H14 HEPA filter

Equipments

Standard Equipment

Air flow meter	Permanent air face velocity monitoring system
Flow monitor	Permanent ventilation control device according to EN 14175-2:2003 standard
Internal lighting	Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67
Sampling port	For filter saturation detection (N/A if Molecode S installed)
Programmable timer	Timer - 60 hours setting by default according to NFX 15 211: 2009 standard
Energy ports	For the passage of cables
Chemical Listing	List of approved chemicals

Options

Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard (*compulsory for class 1 configuration)
Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
Transparent back panel	Acrylic
Access door on rear panel	For maintenance interventions
Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

GF4 AS	For organic vapours
GF4 BE +	For organic vapours + acid vapours
GF4 F	For formaldehyde vapours
GF4 K	For ammonia vapours
GF4 HP	H14 HEPA Filter for powders

Compliance to standards

- AFNOR NF X 15-211:2009 - France
- ANSI/ASHRAE 110-1995 - USA
- BS 7258 - England
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- CE Marking
- NF P.92.507 (Acrylic part)
- EN 1822 : 1998 (H14 HEPA filter)

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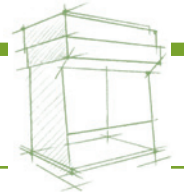

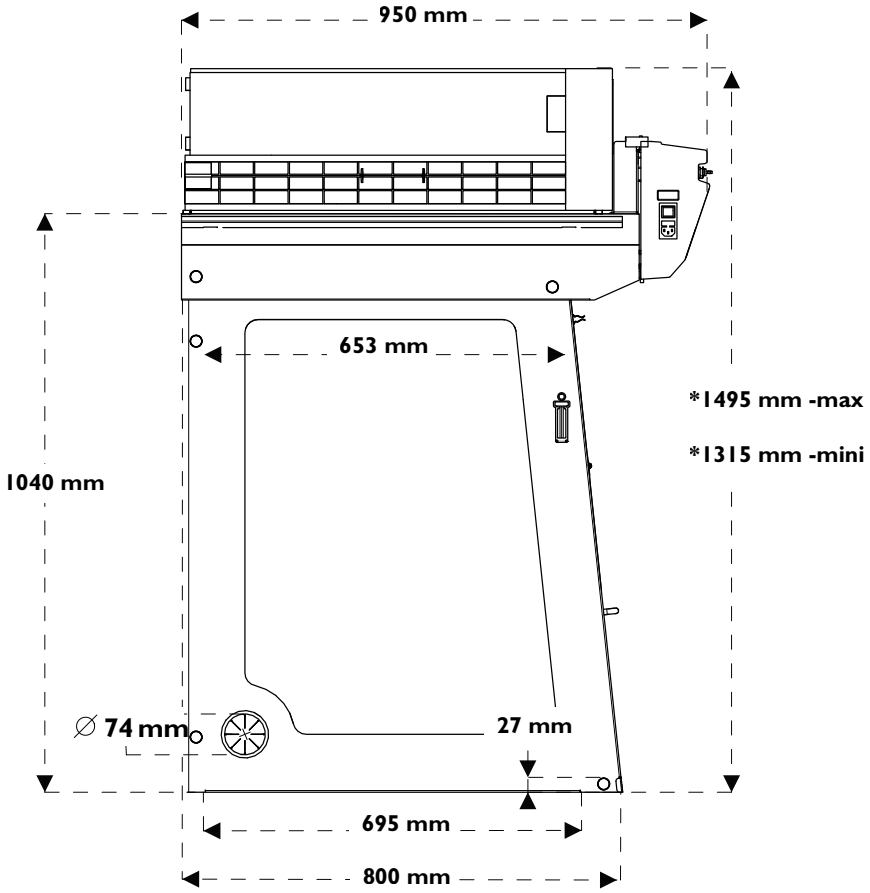

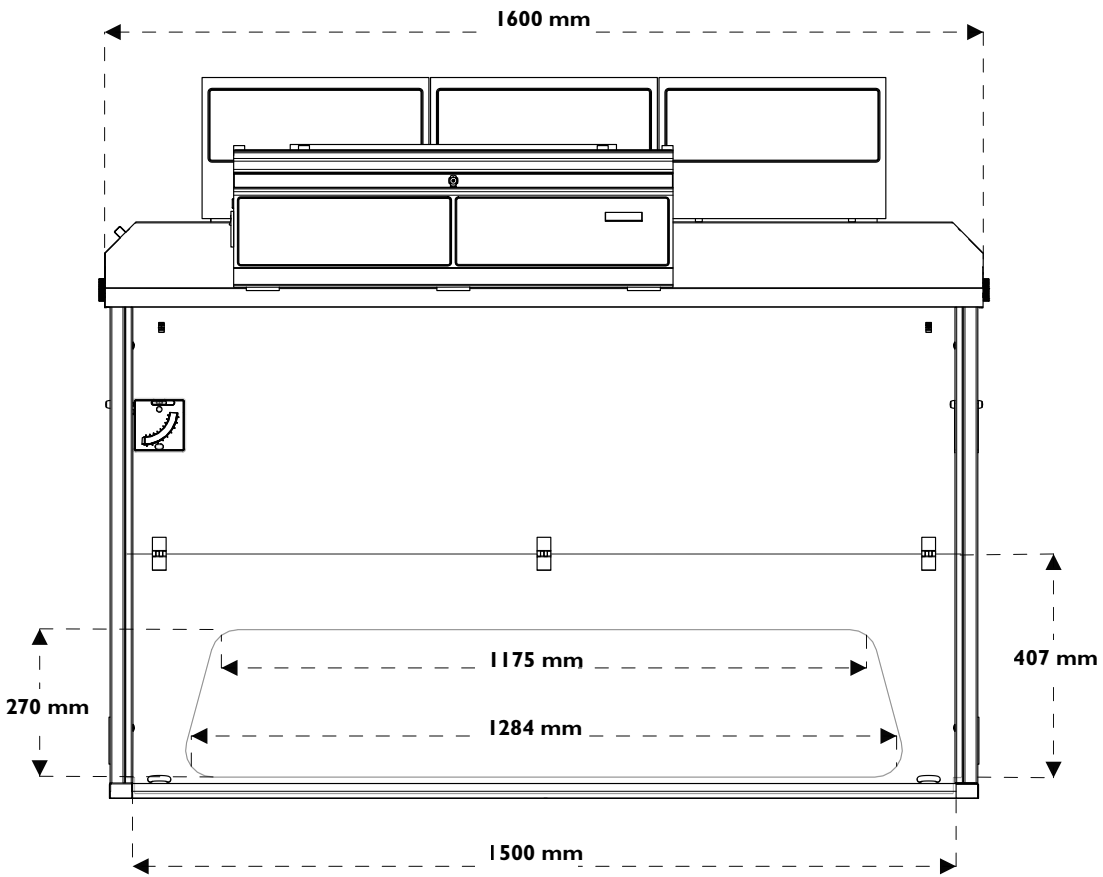

*Total height according to filtration column type (mm)			
Type 1C	1315	**Type 2C**	1406
Type 1P 1C	1406	**Type 1P 2C**	1495
Type 1C 1P	1406	**Type 2C 1P**	1495

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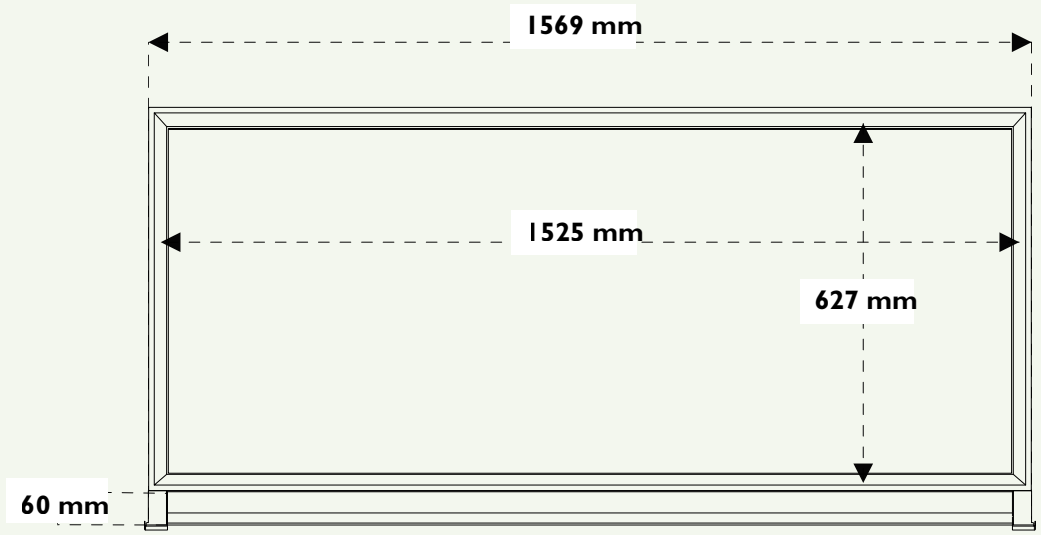
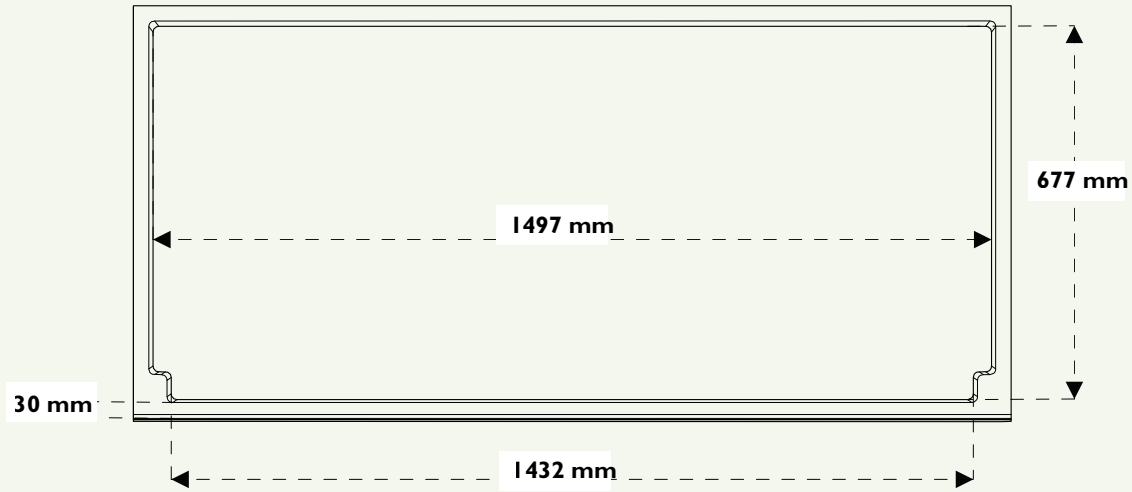
Work surface N°1



Work surface N°2



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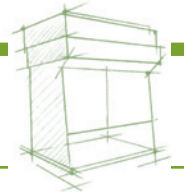

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Technical specifications

Dimensions (mm)

Ref.	External dimensions			Internal dimensions - without work surface		
	Width	Depth	Height*	Width	Depth	Height
XLS 714	1800	800	1315 mini 1495 maxi	1765	695	1040

*According to filtration column type

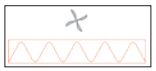
Structure

Metallic parts	Anti-corrosion metallic alloy protected by a thermo-hardened anti-acid polymer coating
Side and front panels	6 mm thick acrylic
Filtration module	Polypropylene

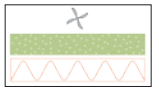
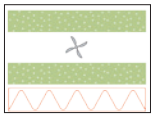
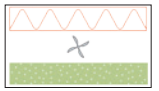
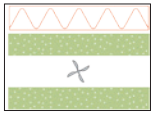
Specifications

Number of columns	4
Number of fans (IP44)	4
Processed air flow	920 m^3/h
Air velocity at the openings in working position	0,4 to 0,6 m/s
Voltage / Frequency	90 - 264 V / 50 Hz
Total power consumption including electricity for the lights	76-194 Watts
Amperage absorbed	6,4 amp.

Modular filtration column

Type 1P Powders handlings	

Modular filtration column

Class 2 - (NFX 15-211 : 2009 standard)		Class 1 - (NFX 15-211 : 2009 standard)	
Type 1C Liquid chemicals handlings		**Type 2C** Liquid chemicals handlings	
Type 1P 1C Liquid chemicals and powders handlings		**Type 1P 2C** Liquid chemicals and powders handlings	
Type 1C 1P Liquid chemicals and powders handlings in clean room		**Type 2C 1P** Liquid chemicals and powders handlings in clean room	

Molecular filter H14 HEPA filter

Equipments

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Chemical Listing	List of approved chemicals

Options

Molecode S*	Automatic alarm to detect filter saturation by solvents according to NF X 15 211 : 2009 standard (*compulsory for class 1 configuration)
Work surface N°1	Tempered glass work surface with seeled frame
Work surface N°2	In phenolic resin with built-in retention tray
Benchcap	Fixed work bench made of anti-corrosion metallic alloy
Shelf	Adjustable slinding shelf for Mobicap and Benchcap
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Particular Pre-filter	40 % filtration efficiency for particles > 0,3 µm

Types of filters available

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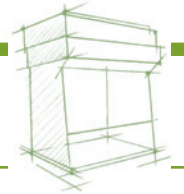

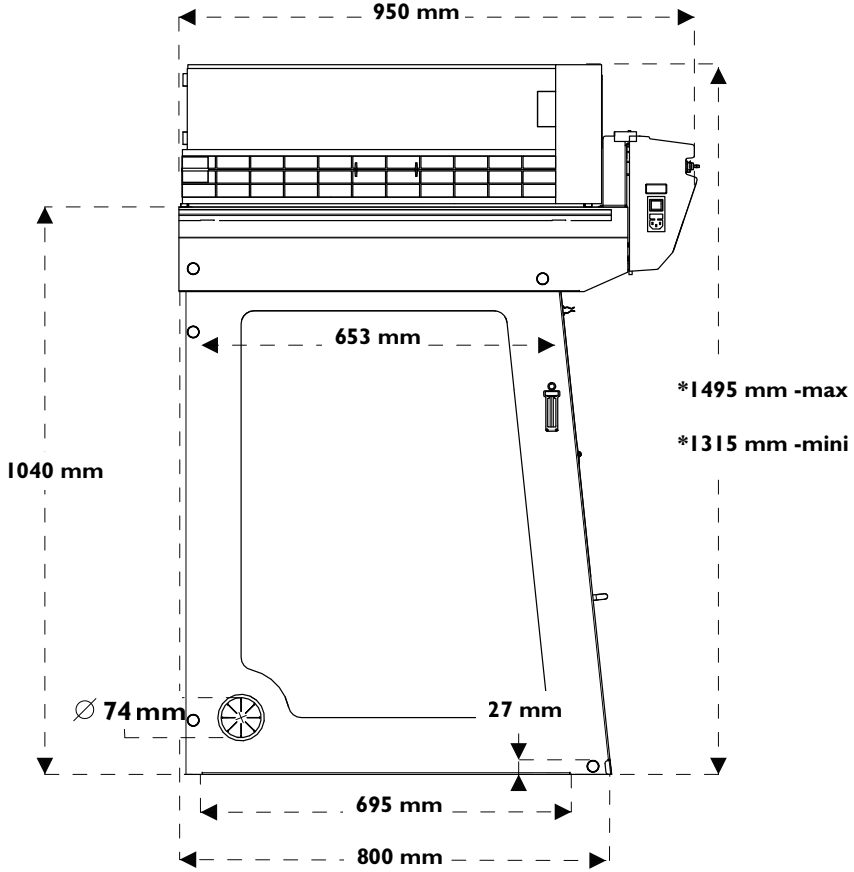

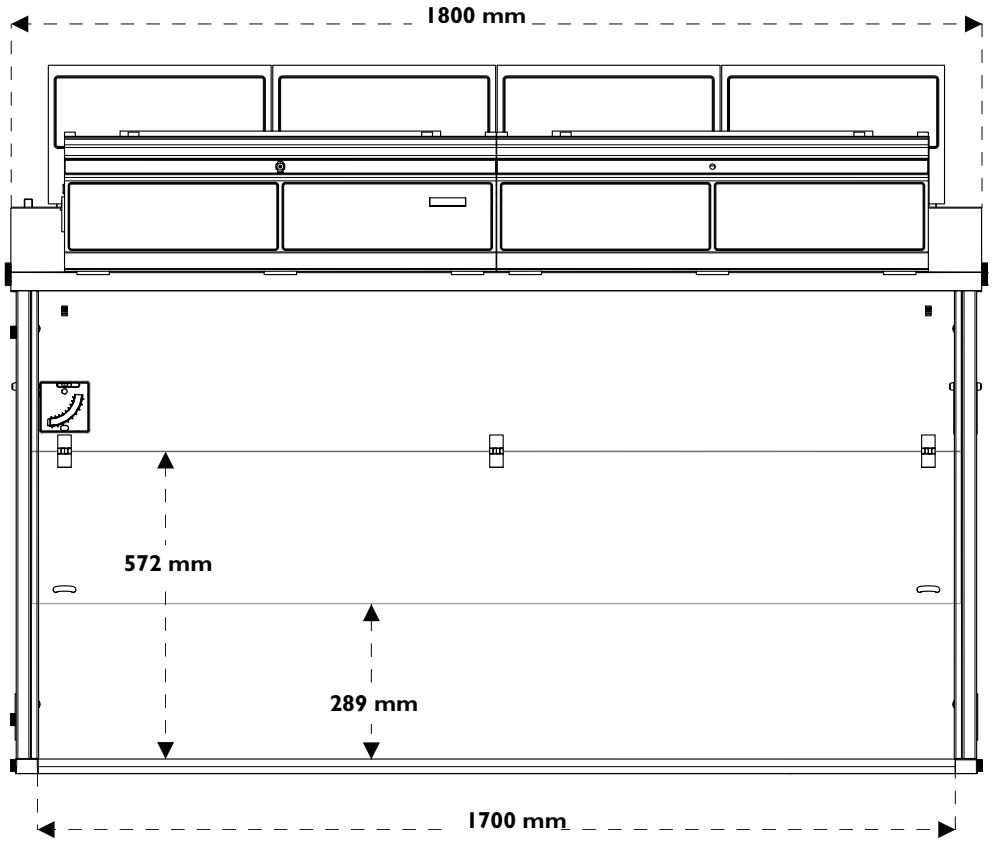

*Total height according to filtration column type (mm)			
Type 1P	1315	**Type 2C**	1406
Type 1C	1315	**Type 1P 2C**	1495
Type 1P 1C	1406	**Type 2C 1P**	1495
Type 1C 1P	1406		

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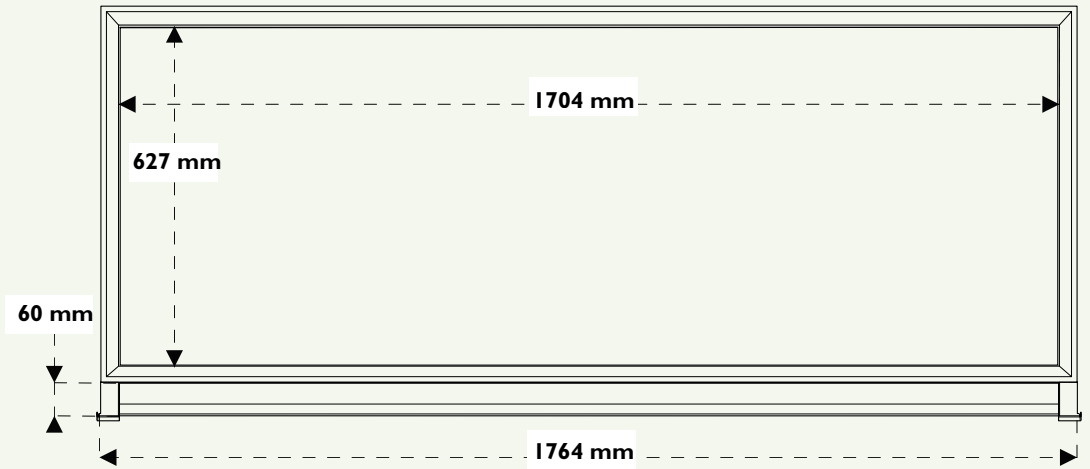
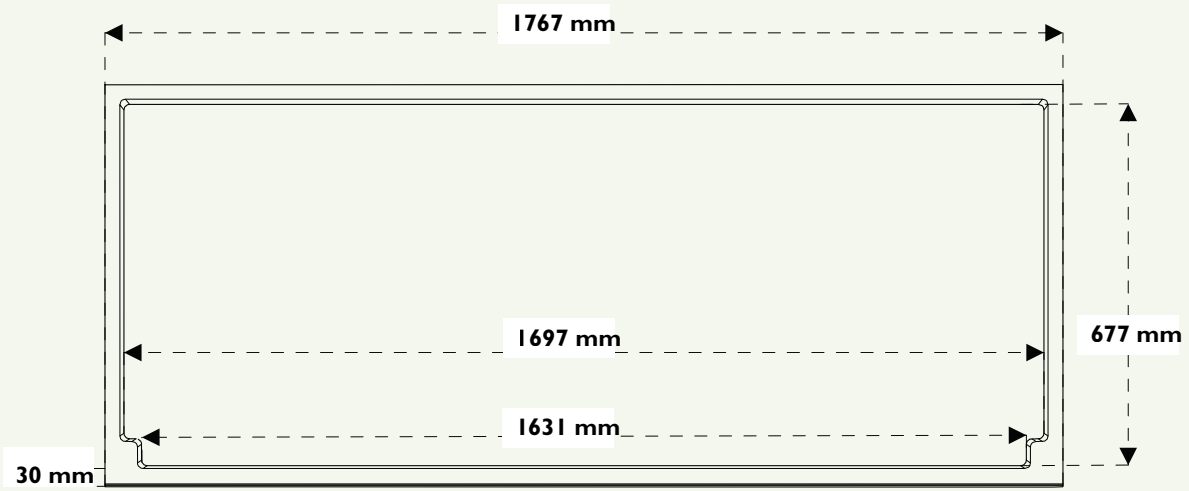
Work surface N°1



Work surface N°2



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