



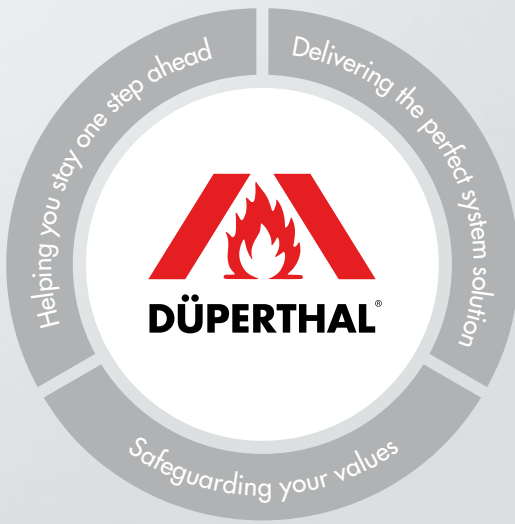
CLASSIC line

Safety storage cabinets in modern design



**Type 90**

Safety storage cabinets  
with wing door technology



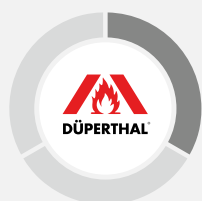
# Welcome to DÜPERTHAL, Welcome to the Original!

As a leading German quality and technology enterprise, we set the standards when it comes to designing system solutions for process-optimised storage of chemicals and hazardous materials. All of our products and solutions are tailored specifically to meet your requirements. Aside from maximum safety, they offer the highest levels of effectiveness and efficiency – even in situations where there is no risk of fire. We are therefore providing you, as the customer, with reassurance. This is what we, as a family-run company, stand for. The original is what we stand for.



## Safeguarding your values – Since 1973, and into the future

For more than forty years, we have been setting standards in our industry. As our customer, you benefit from our technological and commercial know-how: expertise that has been demonstrated in numerous reference projects for renowned international organisations. We constantly raise the bar, continuing to enhance our safety solutions so that we can help safeguard your values, also in the future.



## Delivering the perfect system solution – Customised designs, if needed, TÜV-certified prior to installation.

In addition to standard products of exceptional quality, we are the only company on the market to also offer customised, TÜV-certified system solutions that do not require acceptance on delivery. From consultation to components, installation and routine maintenance – we always strive to offer the best possible added value from the perspective of technical safety and operational management.



## Helping you stay one step ahead – With service and personal communication

By choosing a DÜPERTHAL solution, you are also gaining a strong, proactive partner. Our aim is to always stay one step ahead. All our products and solutions exceed the requirements laid down by certification programmes. The same applies to our work with you. We openly discuss challenges and proposed improvements, helping you to always identify the ideal solution.



# Our commitment For your safety



Tried and tested classic – DÜPERTHAL's CLASSIC line. Reliable safety storage cabinets with wing door technology or one-hand wing door technology for the storage of hazardous substances in working areas in accordance with TRGS 510. Enjoy more safety and more comfort for your laboratory.

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» For flexible use .....	8
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# Solved internally, confirmed externally and independently

For DÜPERTHAL, quality is the main focus. Proof of this are the quality marks of approval awarded to each of our safety storage cabinets, in recognition of our comprehensive quality management as per DIN EN ISO 9001. One basic condition here is that, apart from our own in-house checks, the production of the safety storage cabinets is continuously monitored by external accredited test institutes.



### Occupational safety and health

#### OSHA / EU-OSHA

Protecting employees and the environment is the highest priority when handling hazardous substances. Therefore, DÜPERTHAL CLASSIC line guarantees compliance with the requirements of OSHA and EU-OSHA.

#### Tested safety at a very high level including

- » Type testing according to DIN EN 14470-1 by recognised test institutes (TÜV Süd, iBMB Braunschweig).
- » TÜV testing according to DIN EN 14727 (laboratory furniture standard).
- » Type 90 classification in accordance with DIN EN 14470-1.
- » High Quality mark of approval for upper-level style, user-friendliness and increased lifetime.
- » GS/CE mark.



# Reliable fire protection behind easy-moving wing doors

In ordinary laboratory cabinets, work materials are not protected against the external influences of heat. In case of a fire, some substances may trigger a reaction, causing harm to persons or property.



## Fire resistance of 90 minutes

Fire-proof and explosion-proof safety storage cabinets Type 90 by DÜPERTHAL offer a reliable fire protection of 90 minutes. In case of an emergency, this protection provides enough time to evacuate the building and to extinguish the fire safely and thoroughly.

## Functional and safe

Despite all safety provisions, you will never have to do without functionality with the DÜPERTHAL CLASSIC line. With this range of cabinets, DÜPERTHAL combines laboratory storage with maximum fire resistance, of course type-tested in accordance with DIN EN 14470-1 and the laboratory furniture standard DIN EN 14727. Specially easy-moving and practical wing doors and many additional functions provide the basis for individually optimised and safe work processes.

For flexible use

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# Maximum safety in all areas

The handling of hazardous substances is subject to stringent regulations – for good reason. DÜPERTHAL can help you to meet all the relevant requirements whilst at the same time optimising your procedures. Our diverse range of products offers you flexible solutions with which to design your laboratory and workspace to your own specifications. Whether you require 90-minute fire resistance, refrigerated media storage or a combined solution for storing flammable hazardous substances with other chemicals, we can help you to create working areas that offer full compliance with all the legal and technical requirements. During the entire process, DÜPERTHAL's qualified professionals are always on hand to provide you with advice.



## Safe storage for flammable substances

By guaranteeing 90 minutes of fire-resistant and explosion-proof storage, the Type 90 safety storage cabinets from DÜPERTHAL comply in all respects with the requirements of the Technical Rules for Hazardous Substances for storing flammable liquids. However, the following is also still applicable: Different substances may only be stored together if their joint storage does not increase the respective risks. Safety storage cabinets and their safety-relevant features thus may not suffer any damage. In response to complex storage requirements, including combined storage, DÜPERTHAL therefore offers solutions such as the hazardous substances centre. We are always glad to assist you with solutions that can optimise your storage facilities. We help you to select suitable safety storage cabinets and optimised accessories, such as exhaust air systems and other extras that facilitate your daily work.



# System solutions, tailored to your requirements

DÜPERTHAL offers system solutions for process-optimised storage of chemicals and hazardous substances in scientific research, development and production. Our goal is to accommodate your individual requirements in customised solutions. This is why you can expect not only remarkable certified products, but also outstanding service. Our team will help you to improve your work processes and to integrate our products in the best possible way so as to considerably enhance your safety.



## Varied product range

With all our solutions, you have a choice between the standard product on the market and highly customised packages with a variety of fitted features. Professional advice and comprehensive service are always guaranteed.

# DÜPERTHAL – constant reassurance

During our entire cooperation, we will offer you the unique DÜPERTHAL service. Starting with the project planning and technical product advice up to the delivery of the product itself, we will always be at your side.



## Always at your service

### Specialist carrier with checklist

Safety starts with the delivery of the product. Our specialist carrier works according to a detailed checklist and therefore ensures that our products are professionally installed in their final place of use.

### Service agreement – the clever option

With a service agreement, we offer you the full service including maintenance and repair of your safety storage cabinets. Additionally, we will extend the manufacturer's guarantee to cover the contract period of the service agreement. The first inspection within the scope of a service agreement is free of charge. The first inspection within the scope of a service agreement is free of charge.



*„Through regular maintenance within the scope of a service agreement, we guarantee the safety of your DÜPERTHAL safety storage cabinets for many years.“*

Tommy Fittkau, Manager Technical Service,  
Quality Management

# Eye-catcher or inconspicuous storage?

Depending on the surrounding equipment, personal taste or corporate requirements, you may choose from different colours for your CLASSIC line cabinet. As a standard, the complete carcass is in light grey (RAL 7035). The wing doors are optionally zinc yellow (RAL 1018) or light grey (RAL 7035). Apart from the colours depicted below, individual colour preferences can also be fulfilled.



Golden yellow  
RAL 1004

Light grey  
RAL 7035

Zinc yellow  
RAL 1018

Pure white  
RAL 9010

## Locking systems for even more safety

Only authorised personnel should be granted access to the CLASSIC line safety storage cabinet. After all, it is used to store substances that require training before they can be safely handled and used. Choose the locking system best suited for your facility – for maximum safety when storing dangerous chemicals.



### Alternatives for safe access control

#### Cylinder lock (basic fitout)

All CLASSIC line cabinets have a cylinder lock, as a standard.

#### Integration in locking systems

To integrate the cabinets into existing locking systems, profile half-cylinder locks can be supplied.

#### Access with RFID card for intelligent protection against unauthorised access

The CLASSIC line is perfectly suited for the Modular Protection System MPS, i.e. unlocking of the door with RFID user card with MPS-1.



# Preventing dangers individually

Safety is a complex topic. For this reason, the CLASSIC line not only offers the tried and tested fire resistance of 90 minutes for flammable substances, but also flexible storage space for different storage containers. We have a wide range of accessories to ensure that the safety storage cabinets can be adapted to any local requirements.



## Safely stored

### Pipe penetrations

We can arrange for variable, reclosable penetrations for stainless steel pipes, cables or hoses up to  $\varnothing$  28 mm to be incorporated in the cabinet roof or the side panel. Flush-mounted penetrations can also be supplied.

### Equipotential bonding

As a standard, the CLASSIC line has equipotential bonding saddles on the cabinet roof for the direct connection to the earthing in accordance with TRBS 2153.

### Locker

The additionally available locker can be locked separately and is screwed directly into the safety storage cabinet.

### Exhaust air systems

Exhaust air systems help prevent explosive areas in working spaces. An additional exhaust air monitoring unit will give off alarm signals in case of failures (optionally available with ventilator). The exhaust air socket (NW 75) on the cabinet roof facilitates connection to the exhaust air system.

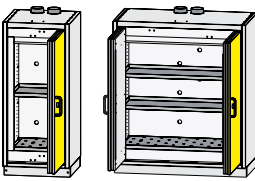
## The CLASSIC line at a glance

As every cabinet has to satisfy different demands, the choice of features is entirely up to you – for instance, the choice of pull-out trays or bottom trays.

### CLASSIC standard XS and S

With bottom trays

Dimensions [in mm]			
	Width	Depth	Height
S	595	595	1425
XS	1195	595	1425



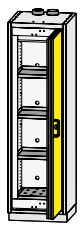
CLASSIC standard S – V1      CLASSIC standard XS – V1

Maximum capacity of largest single container [in litre]	
44	20

### CLASSIC standard M

With bottom trays

Dimensions [in mm]		
Width	Depth	Height
595	595	2080



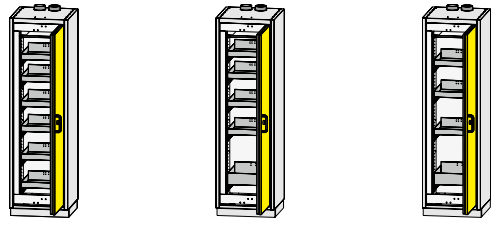
CLASSIC standard M – V1

Maximum capacity of largest single container [in litre]	
20	

### CLASSIC SL M

With pull-out trays

Dimensions [in mm]		
Width	Depth	Height
595	595	2080



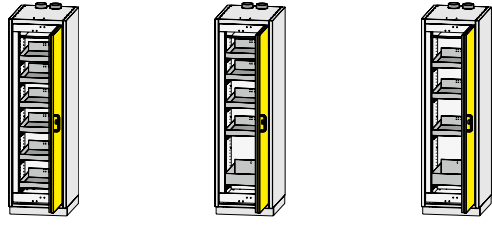
CLASSIC SL M – V1      CLASSIC SL M – V2      CLASSIC SL M – V3

Maximum capacity of largest single container [in litre]			
7	10	10	

### CLASSIC SL ML

With pull-out trays

Dimensions [in mm]		
Width	Depth	Height
595	745	2080

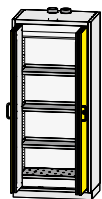


CLASSIC SL ML – V1      CLASSIC SL ML – V2      CLASSIC SL ML – V3

Maximum capacity of largest single container [in litre]			
15	21	21	

### CLASSIC standard L

With bottom trays



Dimensions [in mm]

Width	Depth	Height
895	595	2080

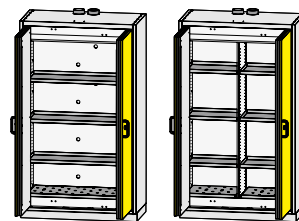
CLASSIC standard L - V1

Maximum capacity of largest single container [in litre]

31

### CLASSIC standard XL

With bottom trays or bottom trays and centre partition wall



Dimensions [in mm]

Width	Depth	Height
1195	595	2080

CLASSIC standard XL - V1

CLASSIC standard XL - V2

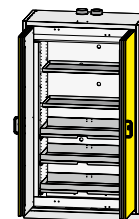
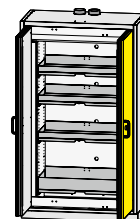
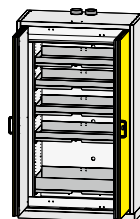
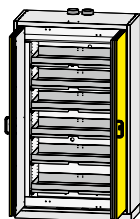
Maximum capacity of largest single container [in litre]

40

20

### CLASSIC SL XL

With pull-out trays and bottom trays



Dimensions [in mm]

Width	Depth	Height
1195	595	2080

CLASSIC SL XL - V1

CLASSIC SL XL - V2

CLASSIC SL XL - V3

CLASSIC SL XL - V4

Maximum capacity of largest single container [in litre]

19

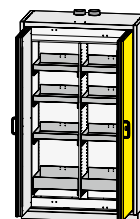
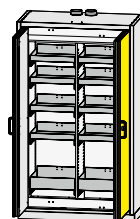
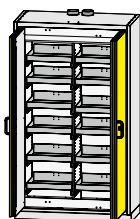
39

39

43

### CLASSIC SL XL

With pull-out trays and centre partition wall



Dimensions [in mm]

Width	Depth	Height
1195	595	2080

CLASSIC SL XL - V5

CLASSIC SL XL - V6

CLASSIC SL XL - V7

Maximum capacity of largest single container [in litre]

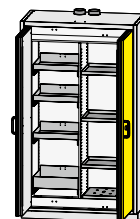
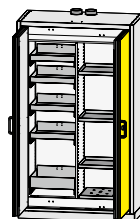
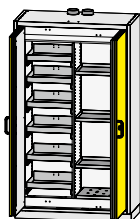
9

19

19

### CLASSIC SL XL

With pull-out trays, bottom trays and centre partition wall



Dimensions [in mm]

Width	Depth	Height
1195	595	2080

CLASSIC SL XL - V8

CLASSIC SL XL - V9

CLASSIC SL XL - V10

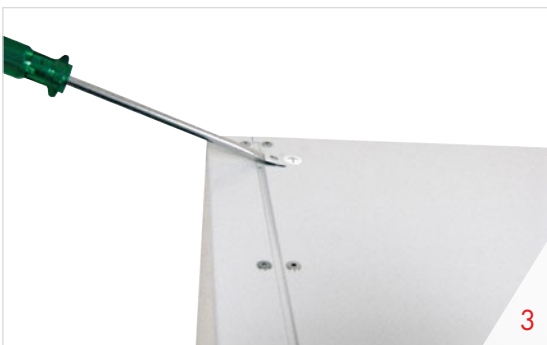
Maximum capacity of largest single container [in litre]

9/20

19/20

19/20

# Safety and functionality



The safety storage cabinets of the CLASSIC line are ideal for efficiently and safely storing large amounts of flammable liquids. They have a variety of additional features which help increase safety and work comfort.

## Focus on functionality

- 1 Hazardous vapours are extracted from right above the bottom tray, but also from each cabinet level. Additionally, the venting cut-off flaps inside the safety storage cabinet can easily be checked by visual inspection.
- 2 A setback base is the solution to ergonomic working and a good position at the cabinet.
- 3 In order to prevent ignition hazards, equipotential bonding saddles on the roof of the CLASSIC line cabinets are installed as a standard for the connection to the earthing in accordance with TRBS 2153.
- 4 As a standard, the doors of the safety storage cabinets are fitted with an integrated door arrest system, which allows to handle the containers comfortably.
- 5 In case of a fire, a thermocouple automatically initiates the closing of the doors. The closure control system ensures that first the pull-out trays are withdrawn into the cabinet before the doors are closed.



## Further features

- 6 The adjustable bases have an extra large bearing surface for easy alignment and level adjustment from inside and outside of the cabinet.
- 7 The base design makes the cabinet easily accessible for transport from all sides, for example with a hand pallet truck.



## One-hand wing door technology

With the tried and tested one-hand wing door technology, the doors are particularly easy-moving and can be opened comfortably with just one hand and minimal effort.





# CLASSIC standard – Type 90

Your classic standard solution for the storage of flammable liquids: The CLASSIC line standard safety storage cabinets – maximum fire protection, as comfortable, as you like.



CLASSIC standard XL



CLASSIC standard M



CLASSIC standard L



CLASSIC standard S

## Interior fittings:

- » Shelves, bottom trays and perforated sheet inserts made of optionally sheet steel or stainless steel.

## Construction:

- » Wing doors made of powder-coated sheet steel.
- » Outer carcass made of powder-coated sheet steel.
- » Inner carcass made of high-quality decor panels.

## Colour:

- » Wing doors in zinc yellow RAL 1018.
- » Carcass completely in light grey RAL 7035.
- » Individual colours possible.

Tested safety at a very high level including:

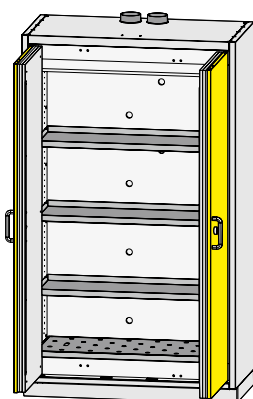
## Ordering information



DIN EN 14470-1  
DIN EN 14727



### 1.1.1 CLASSIC standard XL – V1 with shelves



#### Details

3 shelves, 1 bottom tray, 1 perforated sheet insert and base

#### Fittings

#### Ref. no.

	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-001	29-201261-021
Interior fittings stainless steel	29-201260-002	29-201261-041

#### Dimensions [in mm]

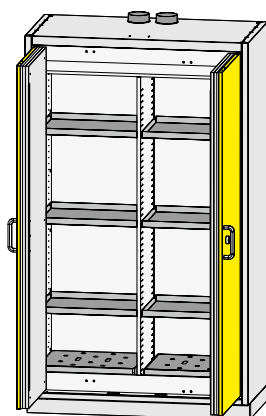
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

#### Max. storage capacity/standing space

Quantity	Type of container	Size
105	Spray cans	400 ml
38	Cans	1.0 litre
45	Glass laboratory bottles	1.0 litre
19	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

### 1.1.2 CLASSIC standard XL – V2 with shelves and centre partition wall



#### Details

6 shelves, 2 bottom trays, 2 perforated sheet inserts, centre partition wall and base

#### Fittings

#### Ref. no.

	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-020	29-201261-020
Interior fittings stainless steel	29-201260-040	29-201261-040

#### Dimensions [in mm]

	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

#### Max. storage capacity/standing space

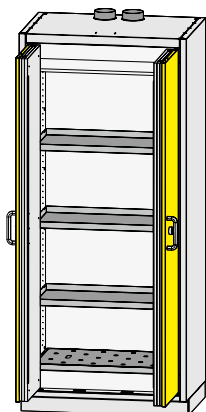
Quantity	Type of container	Size
53	Spray cans	400 ml
19	Cans	1.0 litre
23	Glass laboratory bottles	1.0 litre
9	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

For further technical details and dimensions, see page 46.

# CLASSIC standard – Type 90

## 1.1.3 CLASSIC standard L with shelves – special width 895 mm



### Details

3 shelves, 1 bottom tray,  
1 perforated sheet insert and base

### Fittings

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-200960-001	29-200961-021
Interior fittings stainless steel	29-200960-002	29-200961-041

### Dimensions [in mm]

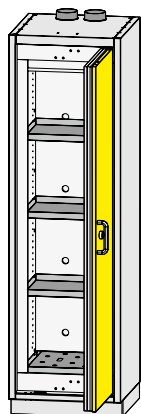
	Outer	Inner
Width	895	799
Depth	595	446
Height	2080	1830

### Max. storage capacity/standing space

Quantity	Type of container	Size
77	Spray cans	400ml
28	Cans	1.0 litre
34	Glass laboratory bottles	1.0 litre
14	Glass laboratory bottles	2.5 litre

Weight [in kg] 358

## 1.1.4 CLASSIC standard M with shelves



### Details

3 shelves, 1 bottom tray,  
1 perforated sheet insert and base

### Fittings

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-200660-001	–
Interior fittings stainless steel	29-200660-002	–

### Dimensions [in mm]

	Outer	Inner
Width	595	499
Depth	595	446
Height	2080	1830

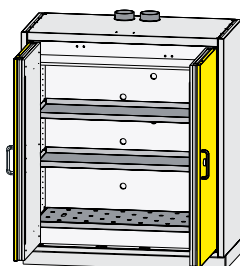
### Max. storage capacity/standing space

Quantity	Type of container	Size
45	Spray cans	400ml
16	Cans	1.0 litre
20	Glass laboratory bottles	1.0 litre
8	Glass laboratory bottles	2.5 litre

Weight [in kg] 286



## 1.1.5 CLASSIC standard XS with shelves – special height 1425 mm



### Details

2 shelves, 1 bottom tray  
1 perforated sheet insert and base

### Fittings

### Ref. no.

	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-131260-001	29-131261-021
Interior fittings stainless steel	29-131260-002	29-131261-041

### Dimensions [in mm]

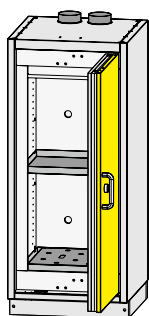
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	1425	1175

### Max. storage capacity/standing space

Quantity	Type of container	Size
105	Spray cans	400 ml
38	Cans	1.0 litre
45	Glass laboratory bottles	1.0 litre
19	Glass laboratory bottles	2.5 litre

Weight [in kg] 400

## 1.1.6 CLASSIC standard S with shelves – special height 1425 mm



### Details

1 shelf, 1 bottom tray  
1 perforated sheet insert and base

### Fittings

### Ref. no.

	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-130660-001	–
Interior fittings stainless steel	29-130660-002	–

### Dimensions [in mm]

	Outer	Inner
Width	595	499
Depth	595	446
Height	1425	1175

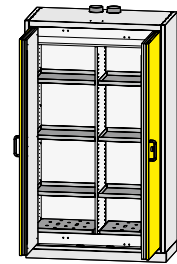
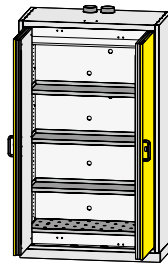
### Max. storage capacity/standing space

Quantity	Type of container	Size
45	Spray cans	400 ml
16	Cans	1.0 litre
20	Glass laboratory bottles	1.0 litre
8	Glass laboratory bottles	2.5 litre

Weight [in kg] 209

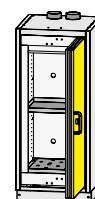
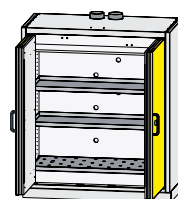
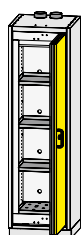
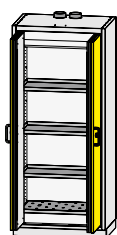
## Accessories

Choose from the great variety of accessories the best suited items for your laboratory. Create your own individual work environment tailored to your requirements and work processes.



	CLASSIC standard XL – V1	CLASSIC standard XL – V2
<b>Additional interior fittings:</b>		
<b>Material:</b>		
Shelf	Sheet steel	29-81260-114
Shelf	Stainless steel	29-81260-214
Insert for shelf	PP	29-81260-314
Anti-slip mat	Rubber	29-81260-514
Pipe penetration (reclosable)		29-70000-045
Pipe penetration		29-70000-048
Locker (door hung left)		29-70000-036
Locker (door hung right)		29-70000-037
Red-Box		2.233.04
<b>Industrial ventilation:</b>		
Exhaust air system or ventilator		
Safety containers		
Absorbers		
		see page 38 or <a href="http://www.dueperthal.com">www.dueperthal.com</a>

For further technical details and dimensions, see page 46.



CLASSIC standard L	CLASSIC standard M	CLASSIC standard XS	CLASSIC standard S
29-80960-114	29-80660-114	29-81260-114	29-80660-114
29-80960-214	29-80660-214	29-81260-214	29-80660-214
29-80960-314	29-80660-314	29-81260-314	29-80660-314
29-80960-514	29-80660-514	29-81260-514	29-80660-514
29-70000-045	29-70000-045	29-70000-045	29-70000-045
29-70000-048	29-70000-048	29-70000-048	29-70000-048
29-70000-036	–	29-70000-036	–
29-70000-037	–	29-70000-037	–
2.233.04	2.233.04	2.233.04	2.233.04

see page 38 or [www.dueperthal.com](http://www.dueperthal.com)



# CLASSIC SL – Type 90

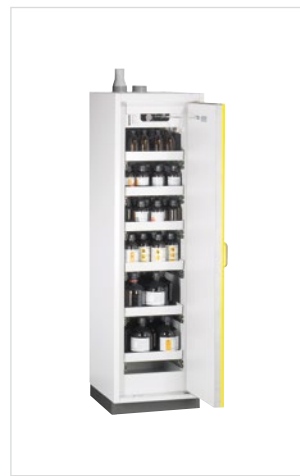
The CLASSIC SL safety storage cabinets offer optimum comfort for storing flammable chemicals with a fire protection of 90 minutes. Discover the versatility of the CLASSIC SL line.



CLASSIC SL XL – V1



CLASSIC SL XL – V8



CLASSIC SL M – V1



CLASSIC SL ML – V1

## Interior fittings:

- » Pull-out tray V\* or E\*\*, shelf and bottom tray optionally in sheet steel or stainless steel.

## Construction:

- » Wing doors made of powder-coated sheet steel.
- » Outer carcass made of powder-coated sheet steel.
- » Inner carcass made of high-quality decor panels.

## Colour:

- » Wing doors in zinc yellow RAL 1018.
- » Carcass completely in light grey RAL 7035.
- » Individual colours possible.

\*V=for small containers, \*\*E=for larger containers

## Safety and functionality

The CLASSIC line standard safety storage cabinets already provide high equipment standards. In addition, the CLASSIC line SL cabinets offer further features to store flammable liquids even more efficiently. Obviously, the CLASSIC SL may also be upgraded with various optional extras.

### Focus on functionality

- 1** The pull-out trays can be fully extended and locked in any position. In this way, containers can be placed into or removed from the cabinet with both hands, from the side or from above.
- 2** The pull-out trays are particularly easy-moving and can be used effortlessly.
- 3** An integrated mechanism makes sure that only one pull-out tray can be withdrawn at any time. This prevents accidents, in which cabinets tip over due to a weight shift.
- 4** In case of a fire, a thermocouple automatically initiates the closing of the doors. The closure control system ensures that first the pull-out trays are withdrawn into the cabinet before the doors are closed.





## Further features



5 The ergonomic lock positioning at handle level and integrated locking cylinders in the door improve user comfort.



6 The base design makes the cabinet easily accessible for transport from all sides, for example with a hand pallet truck.



### One-hand wing door technology

With the tried and tested one-hand wing door technology, the doors are particularly easy-moving and can be opened comfortably with just one hand and minimal effort.



Tested safety at a very high level including:

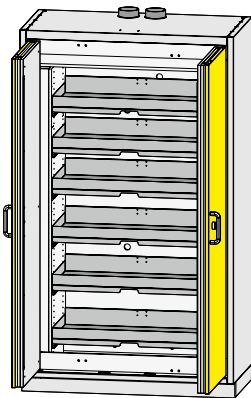
## Ordering information



DIN EN 14470-1  
DIN EN 14727



### 1.1.7 CLASSIC SL XL – V1 with pull-out trays



#### Details

6 pull-out trays V\* and base

#### Fittings

#### Ref. no.

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-061	29-201261-061
Interior fittings stainless steel	29-201260-081	29-201261-081

#### Dimensions [in mm]

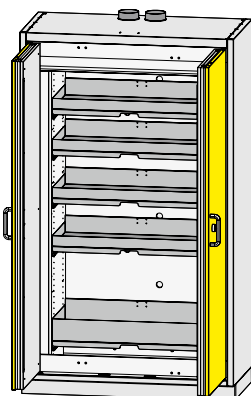
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

#### Max. storage capacity/standing space

Quantity	Type of container	Size
77	Spray cans	400 ml
29	Cans	1.0 litre
35	Glass laboratory bottles	1.0 litre
14	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

### 1.1.8 CLASSIC SL XL – V2 with pull-out trays



#### Details

4 pull-out trays V\*, 1 pull-out tray E\*\* and base

#### Fittings

#### Ref. no.

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-062	29-201261-062
Interior fittings stainless steel	29-201260-082	29-201261-082

#### Dimensions [in mm]

	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

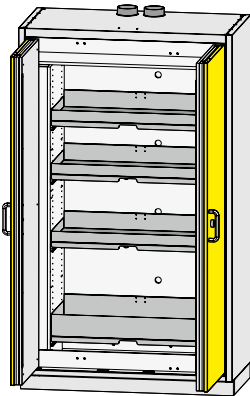
#### Max. storage capacity/standing space

Quantity	Type of container	Size
77	Spray cans	400 ml
29	Cans	1.0 litre
35	Glass laboratory bottles	1.0 litre
14	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

# CLASSIC SL – Type 90

## 1.1.9 CLASSIC SL XL – V3 with pull-out trays



### Details

3 pull-out trays V\*,  
1 pull-out tray E\*\* and base

### Fittings

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-063	29-201261-063
Interior fittings stainless steel	29-201260-083	29-201261-083

### Dimensions [in mm]

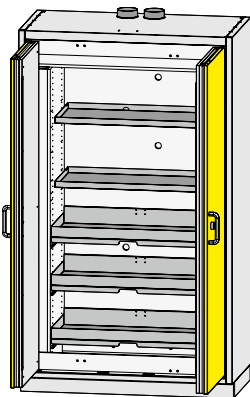
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

### Max. storage capacity/standing space

Quantity	Type of container	Size
77	Spray cans	400ml
29	Cans	1.0 litre
35	Glass laboratory bottles	1.0 litre
14	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

## 1.1.10 CLASSIC SL XL – V4 with pull-out trays and shelves



### Details

3 pull-out trays V\*, 2 shelves,  
1 bottom tray and base

### Fittings

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-026	29-201261-026
Interior fittings stainless steel	29-201260-046	29-201261-046

### Dimensions [in mm]

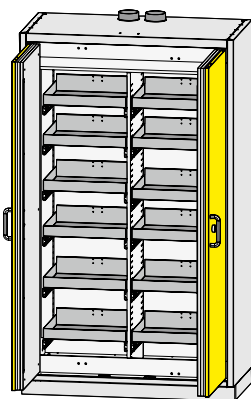
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

### Max. storage capacity/standing space

Quantity	Type of container	Size
77	Spray cans	400ml
29	Cans	1.0 litre
35	Glass laboratory bottles	1.0 litre
14	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

## 1.1.11 CLASSIC SL XL – V5 with pull-out trays and centre partition wall



### Details

12 pull-out trays V\* and base

### Fittings

### Ref. no.

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-064	29-201261-064
Interior fittings stainless steel	29-201260-084	29-201261-084

### Dimensions [in mm]

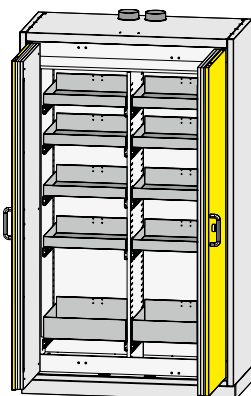
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

### Max. storage capacity/standing space

Quantity	Type of container	Size
37	Spray cans	400ml
13	Cans	1.0 litre
16	Glass laboratory bottles	1.0 litre
6	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

## 1.1.12 CLASSIC SL XL – V6 with pull-out trays and centre partition wall



### Details

8 pull-out trays V\*,  
2 pull-out trays E\*\* and base

### Fittings

### Ref. no.

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-065	29-201261-065
Interior fittings stainless steel	29-201260-085	29-201261-085

### Dimensions [in mm]

	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

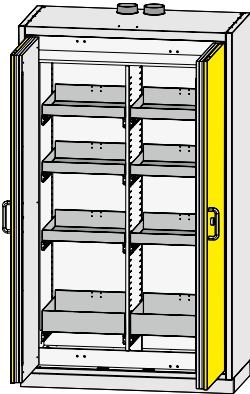
### Max. storage capacity/standing space

Quantity	Type of container	Size
37	Spray cans	400ml
13	Cans	1.0 litre
16	Glass laboratory bottles	1.0 litre
6	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

# CLASSIC SL – Type 90

## 1.1.13 CLASSIC SL XL – V7 with pull-out trays and centre partition wall



### Details

6 pull-out trays V\*,  
2 pull-out trays E\*\* and base

### Fittings

Interior fittings sheet steel  
Interior fittings stainless steel

### Ref. no.

with classical wing door technology    with one-hand wing door technology

Interior fittings sheet steel	29-201260-066	29-201261-066
Interior fittings stainless steel	29-201260-086	29-201261-086

### Dimensions [in mm]

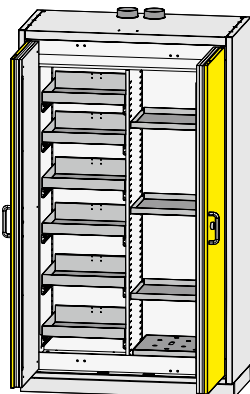
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

### Max. storage capacity/standing space

Quantity	Type of container	Size
37	Spray cans	400ml
13	Cans	1.0 litre
16	Glass laboratory bottles	1.0 litre
6	Glass laboratory bottles	2.5 litre

Weight [in kg]    469

## 1.1.14 CLASSIC SL XL – V8 with pull-out trays, shelves and centre partition wall



### Details

6 pull-out trays V\*, 3 shelves, 1 bottom tray,  
1 perforated sheet insert and base

### Fittings

Interior fittings sheet steel  
Interior fittings stainless steel

### Ref. no.

with classical wing door technology    with one-hand wing door technology

Interior fittings sheet steel	29-201260-067	29-201261-067
Interior fittings stainless steel	29-201260-087	29-201261-087

### Dimensions [in mm]

	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

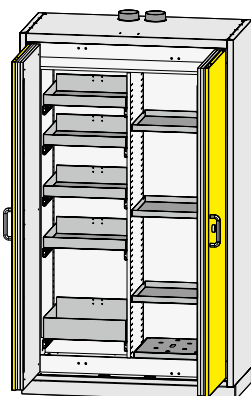
### Max. storage capacity/standing space

Quantity	Type of container	Size
37/53	Spray cans	400ml
13/19	Cans	1.0 litre
16/23	Glass laboratory bottles	1.0 litre
6/9	Glass laboratory bottles	2.5 litre

Weight [in kg]    469



## 1.1.15 CLASSIC SL XL – V9 with pull-out trays, shelves and centre partition wall



### Details

4 pull-out trays V\*, 1 pull-out tray E\*\*, 3 shelves,  
1 bottom tray, 1 perforated sheet insert and base

### Fittings

### Ref. no.

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-068	29-201261-068
Interior fittings stainless steel	29-201260-088	29-201261-088

### Dimensions [in mm]

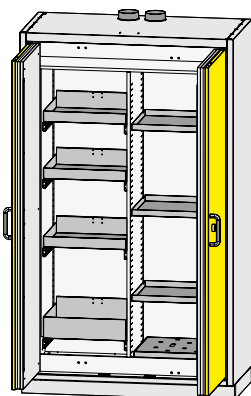
	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

### Max. storage capacity/standing space

Quantity	Type of container	Size
37/53	Spray cans	400ml
13/19	Cans	1.0 litre
16/23	Glass laboratory bottles	1.0 litre
6/9	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

## 1.1.16 CLASSIC SL XL – V10 with pull-out trays, shelves and centre partition wall



### Details

3 pull-out trays V\*, 1 pull-out tray E\*\*, 3 shelves,  
1 bottom tray, 1 perforated sheet insert and base

### Fittings

### Ref. no.

	Ref. no.	
	with classical wing door technology	with one-hand wing door technology
Interior fittings sheet steel	29-201260-069	29-201261-069
Interior fittings stainless steel	29-201260-089	29-201261-089

### Dimensions [in mm]

	Outer	Inner
Width	1195	1099
Depth	595	446
Height	2080	1830

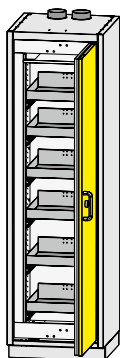
### Max. storage capacity/standing space

Quantity	Type of container	Size
37/53	Spray cans	400ml
13/19	Cans	1.0 litre
16/23	Glass laboratory bottles	1.0 litre
6/9	Glass laboratory bottles	2.5 litre

Weight [in kg] 469

# CLASSIC SL – Type 90

## 1.1.17 CLASSIC SL M – V1 with pull-out trays



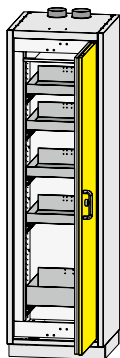
**Details** 6 pull-out trays V\* and base

Fittings	Ref. no.
Interior fittings sheet steel	29-200660-061
Interior fittings stainless steel	29-200660-081

Dimensions [in mm]	Max. storage capacity/standing space		
	Outer	Inner	
Width	595	499	46 Spray cans 400 ml
Depth	595	446	16 Cans 1.0 litre
Height	2080	1830	20 Glass laboratory bottles 1.0 litre
			8 Glass laboratory bottles 2.5 litre

**Weight [in kg]** 287

## 1.1.18 CLASSIC SL M – V2 with pull-out trays



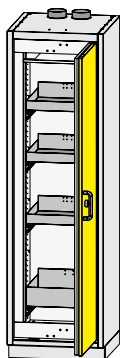
**Details** 4 pull-out trays V\*, 1 pull-out tray E\*\* and base

Fittings	Ref. no.
Interior fittings sheet steel	29-200660-062
Interior fittings stainless steel	29-200660-082

Dimensions [in mm]	Max. storage capacity/standing space		
	Outer	Inner	
Width	595	499	46 Spray cans 400 ml
Depth	595	446	16 Cans 1.0 litre
Height	2080	1830	20 Glass laboratory bottles 1.0 litre
			8 Glass laboratory bottles 2.5 litre

**Weight [in kg]** 287

## 1.1.19 CLASSIC SL M – V3 with pull-out trays



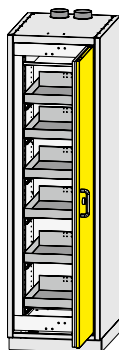
**Details** 3 pull-out trays V\*, 1 pull-out tray E\*\* and base

Fittings	Ref. no.
Interior fittings sheet steel	29-200660-063
Interior fittings stainless steel	29-200660-083

Dimensions [in mm]	Max. storage capacity/standing space		
	Outer	Inner	
Width	595	499	46 Spray cans 400 ml
Depth	595	446	16 Cans 1.0 litre
Height	2080	1830	20 Glass laboratory bottles 1.0 litre
			8 Glass laboratory bottles 2.5 litre

**Weight [in kg]** 287

## 1.1.20 CLASSIC SL ML – V1 with pull-out trays – special depth 745 mm



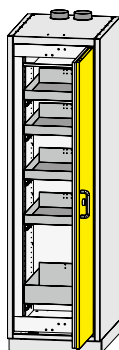
**Details** 6 pull-out trays V\* and base

Fittings	Ref. no.
Interior fittings sheet steel	29-200670-061
Interior fittings stainless steel	29-200670-081

Dimensions [in mm]			Max. storage capacity/standing space		
	Outer	Inner	Quantity	Type of container	Size
Width	595	499	50	Spray cans	400 ml
Depth	745	595	15	Cans	1.0 litre
Height	2080	1830	19	Glass laboratory bottles	1.0 litre
			7	Glass laboratory bottles	2.5 litre

**Weight [in kg]** 339

## 1.1.21 CLASSIC SL ML – V2 with pull-out trays – special depth 745 mm



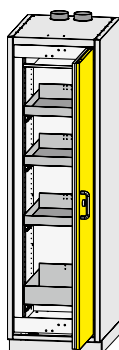
**Details** 4 pull-out trays V\*, 1 pull-out tray E\*\* and base

Fittings	Ref. no.
Interior fittings sheet steel	29-200670-062
Interior fittings stainless steel	29-200670-082

Dimensions [in mm]			Max. storage capacity/standing space		
	Outer	Inner	Quantity	Type of container	Size
Width	595	499	50	Spray cans	400 ml
Depth	745	595	15	Cans	1.0 litre
Height	2080	1830	19	Glass laboratory bottles	1.0 litre
			7	Glass laboratory bottles	2.5 litre

**Weight [in kg]** 339

## 1.1.22 CLASSIC SL ML – V3 with pull-out trays – special depth 745 mm



**Details** 3 pull-out trays V\*, 1 pull-out tray E\*\* and base

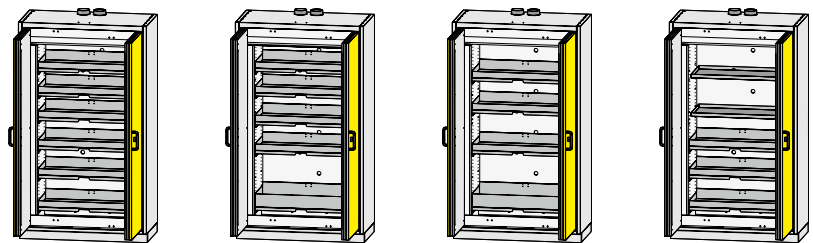
Fittings	Ref. no.
Interior fittings sheet steel	29-200670-063
Interior fittings stainless steel	29-200670-083

Dimensions [in mm]			Max. storage capacity/standing space		
	Outer	Inner	Quantity	Type of container	Size
Width	595	499	50	Spray cans	400 ml
Depth	745	595	15	Cans	1.0 litre
Height	2080	1830	19	Glass laboratory bottles	1.0 litre
			7	Glass laboratory bottles	2.5 litre

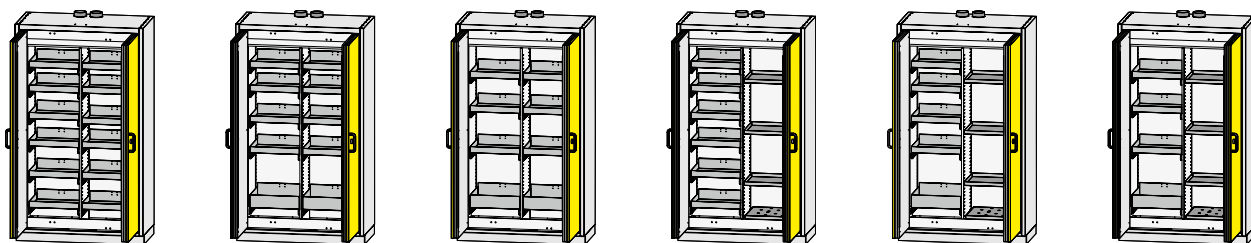
**Weight [in kg]** 339

## Accessories CLASSIC SL XL

Choose from the great variety of accessories the best suited items for your laboratory. Create your own individual work environment tailored to your requirements and work processes.



	CLASSIC SL XL – V1	CLASSIC SL XL – V2	CLASSIC SL XL – V3	CLASSIC SL XL – V4
<b>Additional interior fittings:</b>				
<b>Material:</b>				
Tray insert V*	PP	29-81262-362	29-81262-362	29-81262-362
Tray insert E**	PP	–	29-81262-363	29-81262-363
Insert for shelf	PP	–	–	–
Anti-slip mat for pull-out tray	Rubber	29-81262-562	29-81262-562	29-81262-562
Anti-slip mat for shelf	Rubber	–	–	29-81260-514
Pipe penetration (reclosable)		29-70000-045	29-70000-045	29-70000-045
Pipe penetration		29-70000-048	29-70000-048	29-70000-048
Locker (door hung left)		–	–	29-70000-036
Locker (door hung right)		–	–	29-70000-037
Red-Box		2.233.04	2.233.04	2.233.04
<b>Industrial ventilation:</b>				
Exhaust air system or ventilator				
Safety containers				see page 38 or <a href="http://www.dueperthal.com">www.dueperthal.com</a>
Absorbers				



CLASSIC SL XL – V5	CLASSIC SL XL – V6	CLASSIC SL XL – V7	CLASSIC SL XL – V8	CLASSIC SL XL – V9	CLASSIC SL XL – V10
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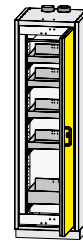
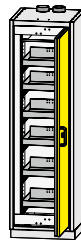
29-81260-316	29-81260-316	29-81260-316	29-81260-316	29-81260-316	29-81260-316
–	29-81260-317	29-81260-317	–	29-81260-317	29-81260-317
–	–	–	29-81260-318	29-81260-318	29-81260-318
29-81262-516	29-81262-516	29-81262-516	29-81262-516	29-81262-516	29-81262-516
–	–	–	29-81260-518	29-81260-518	29-81260-518
29-70000-045	29-70000-045	29-70000-045	29-70000-045	29-70000-045	29-70000-045
29-70000-048	29-70000-048	29-70000-048	29-70000-048	29-70000-048	29-70000-048
–	–	–	–	–	–
–	–	–	29-70000-037	29-70000-037	29-70000-037
2.233.04	2.233.04	2.233.04	2.233.04	2.233.04	2.233.04

see page 38 or [www.dueperthal.com](http://www.dueperthal.com)

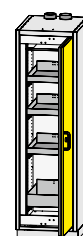
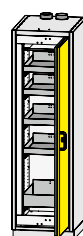
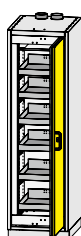
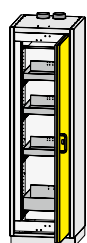


## Accessories CLASSIC SL M – ML

Choose from the great variety of accessories the best suited items for your laboratory. Create your own individual work environment tailored to your requirements and work processes.



	CLASSIC SL M – V1	CLASSIC SL M – V2
<b>Additional interior fittings:</b>		
<b>Material:</b>		
Tray insert V*	29-80660-316	29-80660-316
Tray insert E**	–	29-80660-317
Insert for shelf	–	–
Anti-slip mat for pull-out tray	29-80662-516	29-80662-516
Anti-slip mat for shelf	–	–
Pipe penetration (reclosable)	29-70000-045	29-70000-045
Pipe penetration	29-70000-048	29-70000-048
Locker (door hung left)	–	–
Locker (door hung right)	–	–
Red-Box	2.233.04	2.233.04
<b>Industrial ventilation:</b>		
Exhaust air system or ventilator		
Safety containers		see page 38 or <a href="http://www.dueperthal.com">www.dueperthal.com</a>
Absorbers		



CLASSIC SL M – V3	CLASSIC SL ML – V1	CLASSIC SL ML – V2	CLASSIC SL ML – V3
29-80660-316	29-80670-316	29-80670-316	29-80670-316
29-80660-317	–	29-80670-317	29-80670-317
–	–	–	–
29-80662-516	29-80672-516	29-80672-516	29-80672-516
–	–	–	–
29-70000-045	29-70000-045	29-70000-045	29-70000-045
29-70000-048	29-70000-048	29-70000-048	29-70000-048
–	–	–	–
–	–	–	–
2.233.04	2.233.04	2.233.04	2.233.04
see page 38 or <a href="http://www.dueperthal.com">www.dueperthal.com</a>			

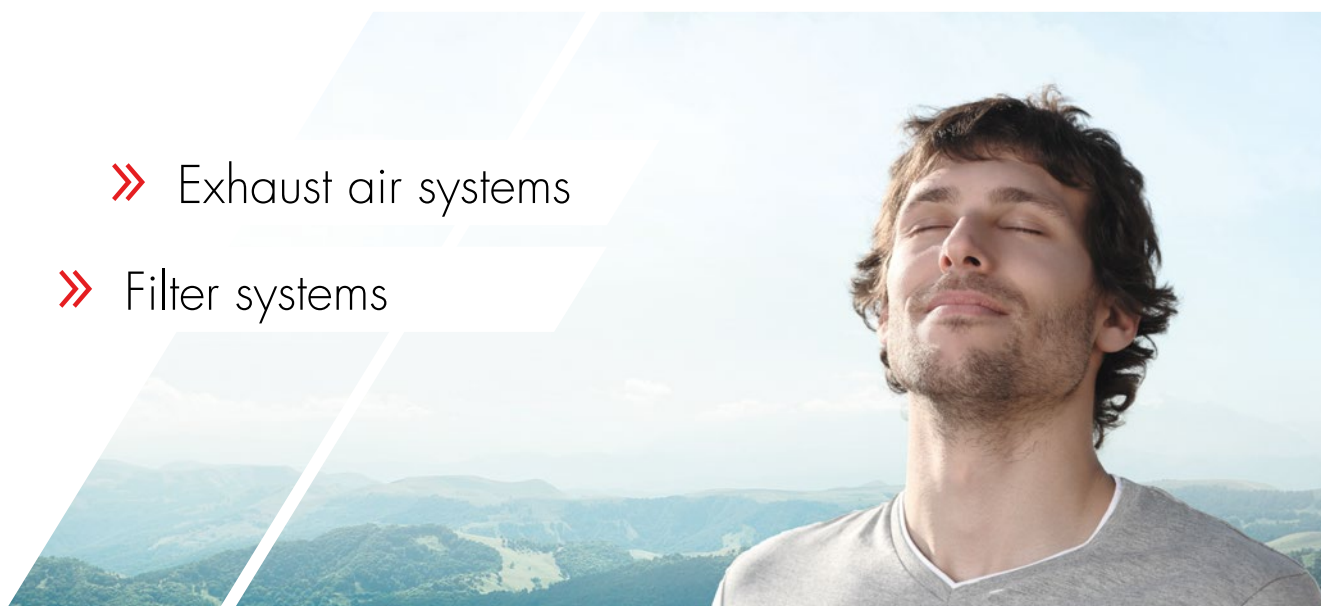
# Exhaust air systems and ventilators



To guarantee maximum safety for your employees, connection to exhaust air systems is essential in the case of many chemicals. DÜPERTHAL offers a variety of solutions to stop harmful vapours escaping into the working area. All ventilators and components comply with Directive 94/9/EC (ATEX) and thus meet the highest safety standards.

» Exhaust air systems

» Filter systems



## Exhaust air systems



The exhaust air monitor with ventilator is designed for straightforward ventilation and monitoring of safety storage cabinets. A sensor controls the flow of air and emits optical and acoustic alarms if the required value is not reached. The complete exhaust air monitoring unit is pre-assembled on delivery for mounting directly on the cabinet.

## Filter systems



Our filter systems are suitable for ventilating and monitoring safety storage cabinets stocked with solvents. They filter almost 100% of any harmful hydrocarbons by means of molecular adsorption, thereby providing users with optimal protection. Additional connection to an exhaust air system is not necessary.

Visit our website for more information on exhaust air systems and other accessories: [www.dueperthal.com](http://www.dueperthal.com)

More detailed information on the requirements, construction and technical specifications of the ventilation systems we supply for your safety storage cabinets can be found here.



**ATEX-compliant**  
**Directive 94/9/EC**

⊕ II (3) G c IIB T4

⊕ II (3) G [n4]



Exhaust air monitor with ventilator

Filter unit with ventilator



**The many advantages of the DÜPERTHAL  
exhaust air systems and filter systems**

- » ATEX conformity as per Directive 94/9/EC and type certificate from TÜV Süd.
- » Modern "blue mode" LED display with choice of languages: English, French or German.
- » Pre-assembled on delivery for easy installation.
- » Particularly quiet thanks to high-quality finishing.

# Ordering information exhaust air systems

Tested safety at a very high level including:

**ATEX**  **DIN EN CE**

### 4.1.1 Exhaust air monitor with ventilator



#### Details

For easy ventilation and monitoring of safety storage cabinets. A sensor monitors the air stream and gives a visual and audible signal if the value drops below the required value. The complete exhaust air monitoring unit including the integrated ventilator is supplied pre-assembled and is placed directly onto the cabinet. The required value for the air stream flow rate is factory-preset and can be adjusted individually using the pressure difference socket. The housing is made of powder-coated sheet steel, silver pearl glimmer.

- » The exhaust air rate can be adjusted electronically to suit all cabinet sizes.
- » ATEX conformity in accordance with directive 94/9/EC and type certificate by TÜV Süd.
- » An air flow sensor monitors the actual exhaust air flow rate – the complete ventilation system of the cabinet is monitored.
- » Monitoring of the volumetric flow rate and the power supply.
- » Optical and acoustic warning when the exhaust air flow rate falls below the set value.
- » Including two floating contacts (24V/2A) for signal transmission to an external control centre.
- » In case of a power failure, an internal accumulator buffers the monitoring systems for four hours, display with simple fault indication.
- » Model ready to plug in, thus easy to assemble.
- » Memory of the last 50 error messages including date, time, type of error and change of menu.
- » Modern LED-Display "Blue Mode" with language options German, English or French.
- » The exhaust air monitoring function can be switched off.
- » Ventilator according to DIN EN 14986 – low noise level
- » Constant monitoring in accordance with DIN EN 1946-7.

<b>Ref. no.</b>	2.00.320
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#### Dimensions [in mm]

Width	250
Depth	318
Height	352

#### Technical data

Ø collar	mm	75
Volumetric flow rate*	m <sup>3</sup> /h	0 – 72
RPM*	l/min	0 – 2820
Voltage/frequency	V/Hz	230/50
Current consumption	A	0,1
Noise level	db	34 – 56

\*gradual, without resistance



## 4.1.2 Exhaust air monitor without ventilator



### Details

For easy monitoring of the ventilation of safety storage cabinets. A sensor monitors the air stream and gives a visual and audible signal if the value drops below the required value. The complete exhaust air monitoring unit is supplied pre-assembled and is placed directly onto the cabinet. The required value for the air stream flow rate is factory-preset and can be adjusted individually using the pressure difference socket. The housing is made of powder-coated sheet steel, silver pearl glimmer.

- › ATEX conformity in accordance with directive 94/9/EC and type certificate by TÜV Süd.
- › An air flow sensor monitors the actual exhaust air flow rate – the complete ventilation system of the cabinet is monitored.
- › Monitoring of the volumetric flow rate and the power supply.
- › Optical and acoustic warning when the exhaust air flow rate falls below the set value.
- › Including two floating contacts (24V/2A) for signal transmission to an external control centre.
- › In case of a power failure, an internal accumulator buffers the monitoring systems for four hours, display with simple fault indication.
- › Model ready to plug in, thus easy to assemble.
- › Memory of the last 50 error messages including date, time, type of error and change of menu.
- › Modern LED-Display "Blue Mode" with language options German, English or French.
- › The exhaust air monitoring function can be switched off.
- › Constant monitoring in accordance with DIN EN 1946-7.

**Ref. no.** 2.00.360

### Dimensions [in mm]

Width	210
Depth	210
Height	215

### Technical data

Ø collar	mm	75
Voltage/frequency	V/Hz	230/50
Current consumption	A	0,1

## 4.1.3 Ventilation unit with ventilator



### Details

For easy ventilation of safety storage cabinets. The ventilation unit including the integrated ventilator is supplied pre-assembled and is placed directly onto the cabinet. The housing is made of powder-coated sheet steel, silver pearl glimmer.

- › ATEX conformity in accordance with directive 94/9/EC and type certificate by TÜV Süd.
- › Model ready to plug in, thus easy to assemble.
- › Ventilator according to DIN EN 14986 – low noise level.

**Ref. no.** 2.00.339 2.00.340

### Dimensions [in mm]

Width	250
Depth	318
Height	352

### Technical data

Ø collar	mm	75	75
Volumetric flow rate**	m <sup>3</sup> /h	72	60
RPML**	1/min	2600	1200
Voltage/frequency	V/Hz	230/50	230/50
Current consumption	A	0,1	0,1
Noise level	db	56	37

\*\*without resistance

## Ordering information filter systems

### 4.2.1 Filter unit with ventilator



#### Details

For ventilation and monitoring of safety cabinets through nearly 100% filtering of harmful vapours of solvents (hydrocarbons) by molecular adsorption. The filtering provides optimal protection of the users. An additional exhaust connection is not required, therefore the filter unit can be positioned directly on top or beside the cabinet and can be started to run. The cleaned air is released to the room, without consuming heated or conditioned air. A sensor monitors the air stream and gives a visual and audible signal if the value drops below the programmed value. The housing is made of powder-coated sheet steel, silver pearl glimmer.

- › The exhaust air rate can be adjusted electronically to suit all cabinet sizes.
- › ATEX conformity in accordance with directive 94/9/EC and type certificate by TÜV Süd.
- › Fulfil the requirements of modern laboratories "green labs" with highest flexibility of installation.
- › **Multistage, earthed filter system with safety of factor 2 – consists of:**
  - 2 x activated carbon filters for extremely high efficiency of the filtration – almost 100%.
  - additional particle filter in accordance with DIN EN 779.
- › **Multistage filter warning system:**
  - Pressure difference monitoring adjustable.
  - Filter elements and cover of filter monitored by microswitches.
  - Time function, up to the next maintenance – in acc. with DIN 12927 and EN 13463.
  - filter change is necessary annually.
  - 3-months-check of the activated carbon filters by the user – monitored through input protocol and time function.
- › List of filterable substances.
- › Warning system with fault indication in case of ventilator failure.
- › Electronic logging of the error messages.
- › Two floating contacts (24V/2A) for signal transmission.
- › Modern LED-Display "Blue Mode" with language options German, English or French.
- › Model ready to plug in, thus easy to assemble.
- › Fulfills the requirements of TRGS 510, DGUV regulation 1 and TRBS 2153.
- › Ventilator according to DIN EN 14986.

#### Accessories

Activated carbon filter	2.00.391*
Particle filter	2.00.392*
Filter set (activated carbon and particle filter)	2.00.393*

#### Ref. no.

2.00.390\*

#### Dimensions [in mm]

Width	530
Depth	440
Height	270

#### Technical data

Ø collar	mm	75
Volumetric flow rate*	m <sup>3</sup> /h	0 – 37
RPM*	1/min	0 – 2820
Voltage/frequency	V/Hz	230/50
Current consumption	A	0,1
Noise level	db	38 – 56

\*gradual, without resistance

Tested safety at a very high level including:

**ATEX DIN EN CE**

## 4.2.2 Filter unit with ventilator



### Details

For ventilation and monitoring of safety cabinets through nearly 100% filtering of harmful vapours of solvents (hydrocarbons) by molecular adsorption. The filtering provides optimal protection of the users. An additional exhaust connection is not required, therefore the filter unit can be positioned directly on top or beside the cabinet and can be started to run. The cleaned air is released to the room, without consuming heated or conditioned air. A sensor monitors the air stream and gives a visual and audible signal if the value drops below the programmed value. The housing is made of powder-coated sheet steel, silver pearl glimmer.

- › Super silent ventilator for especially low noise emission.
- › ATEX conformity in accordance with directive 94/9/EC.
- › Fulfil the requirements of modern laboratories "green labs" with highest flexibility of installation.
- › **Multistage, earthed filter system with safety of factor 2 – consists of:**
  - 2 x activated carbon filters for extremely high efficiency of the filtration – almost 100%.
  - additional particle filter in accordance with DIN EN 779.
- › **Multistage filter warning system:**
  - Filter elements and cover of filter monitored by microswitches.
  - Time function, up to the next maintenance – in acc. with DIN 12927 and EN 13463.
  - filter change is necessary annually.
  - 3-months-check of the activated carbon filters by the user – monitored through input protocol and time function.
- › List of filterable substances.
- › Warning system with fault indication in case of ventilator failure.
- › Floating contact (24V/2A) for signal transmission.
- › LED display for function control.
- › Model ready to plug in, thus easy to assemble.
- › Fulfils the requirements of TRGS 510, DGUV regulation 1 and TRBS 2153.
- › Ventilator according to DIN EN 14986.
- › Constant monitoring in accordance with DIN EN 1946-7.

### Accessories

Activated carbon filter	2.00.391*
Particle filter	2.00.392*
Filter set (activated carbon and particle filter)	2.00.393*

### Ref. no.

2.00.397\*

### Dimensions [in mm]

Width	550
Depth	445
Height	275

### Technical data

Ø collar	mm	75
Volumetric flow rate*	m <sup>3</sup> /h	24
Voltage/frequency	V/Hz	230/50
Power	W	26
Noise level	db	43

# Safety containers for hazardous liquids

Safety containers not only facilitate handling, but also enhance occupational safety when it comes to managing hazardous substances. DÜPERTHAL safety containers comply with various requirements, such as the test standards for occupational safety, the German Equipment and Product Safety Act (GPSG) and the Technical Rules for Hazardous Substances (TRGS). The wide range of containers cover a multitude of uses, ensuring that hazardous liquids can be handled with confidence. They are made of different materials, such as sheet steel, stainless steel or plastic, and offer maximum media resistance. As a guarantee of safety in the public transportation of hazardous substances, the transport vessels have also been tested in accordance with ADR/RID and IMDG, and in some cases ICAO-TI.



## A variety of containers for hazardous liquids

Whether the container is intended for distribution, collection or dispensing, DÜPERTHAL safety containers simplify the process of handling hazardous liquids and thus make an important contribution to occupational safety. Whether you work with acids, lye or flammable materials, these containers leave you completely in control.

Visit our website for more information on safety containers and other accessories: [www.dueperthal.com](http://www.dueperthal.com)

More detailed information on the requirements, construction and technical specifications of our entire range of safety containers can be found here.



### Optimised for safe handling

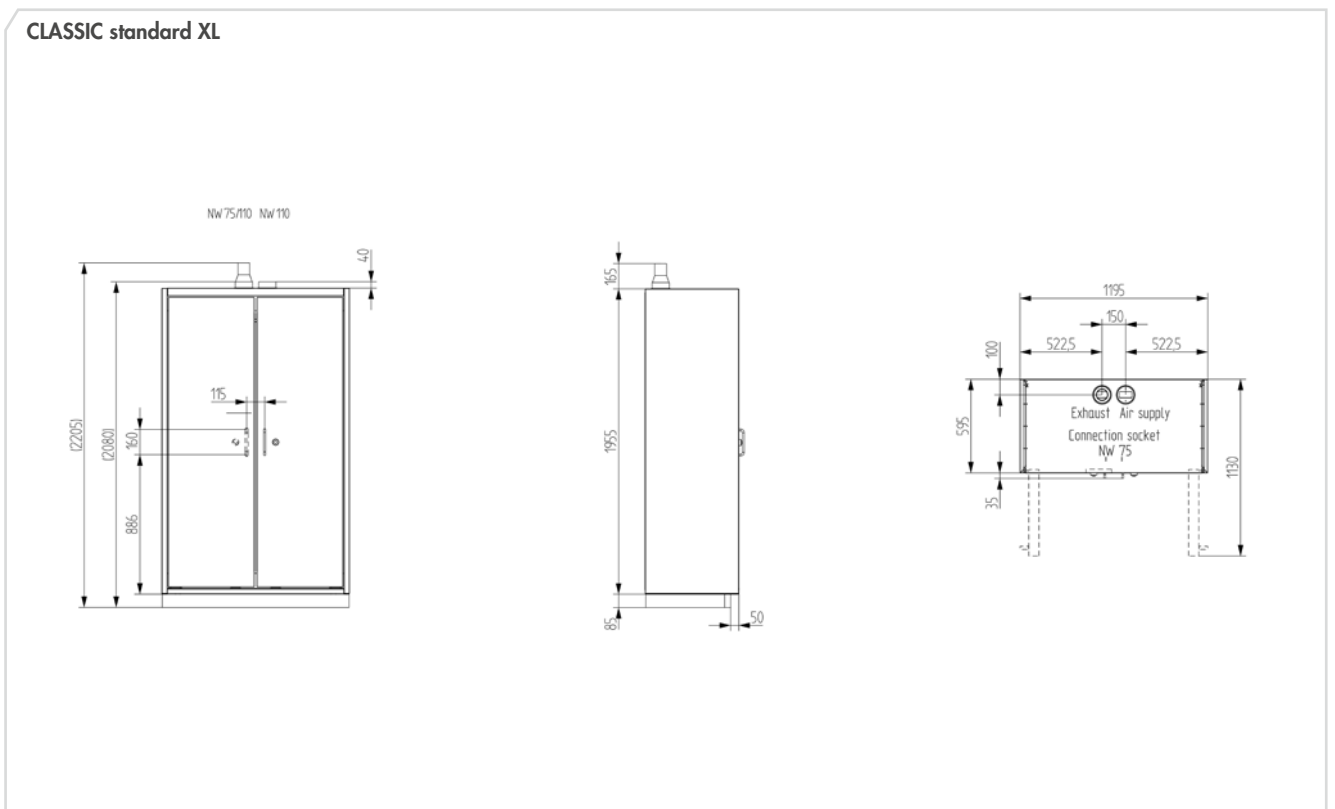
- » Thoroughly resistant to media.
- » Container labelling as per the German Hazardous Substances Ordinance (GefStoffV) and Workplace Directive A1.3 (ASR).
- » All products have been manufactured to the latest technological standards, technical safety requirements and relevant specifications.

# Technical data CLASSIC standard – Type 90

Technical details		Model size					
		XS	S	M	L	XL with centre partition wall	XL without centre partition wall
Load bearing capacity with uniformly distributed load (max. load/shelf)	in kg	75	75	75	75	75	75
Maximum volume of the largest single container which may be stored on any shelf in the cabinet	in l	44	20	20	31	20	44
Collection volume bottom tray	in l	49	22	22	35	2 x 23	49
Volumetric flow rate for 10-fold air exchange	in approx. m <sup>3</sup> /h	6	3	4	7	10	10
Pressure drop in the cabinet	in Pa	<1	<1	<1	<1	<1	<1

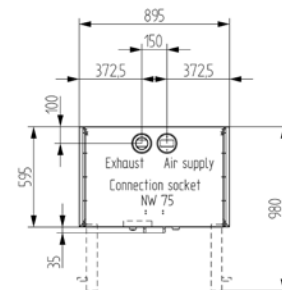
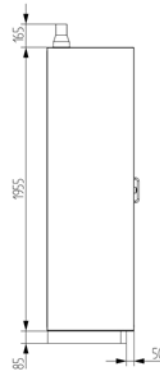
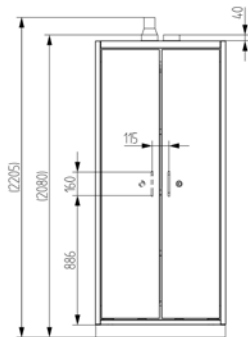
	Dimensions – interior fittings [in mm]																	
	XS			S			M			L			XL with centre partition wall			XL without centre partition wall		
	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height
Shelf	1090	430	35	490	430	35	490	430	35	790	430	35	536	430	35	1090	430	35
Bottom tray	1085	440	105	485	440	105	485	440	105	785	440	105	523	440	105	1085	440	105
Perforated sheet insert	1067	422	105	432	422	105	432	422	105	767	422	105	515	422	105	1067	422	105

Front view	Side view	Top view
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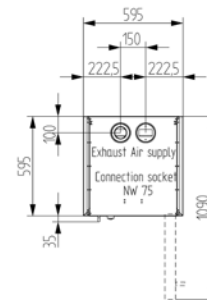
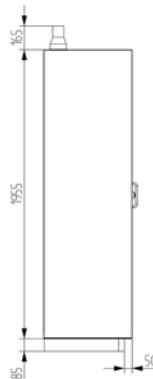
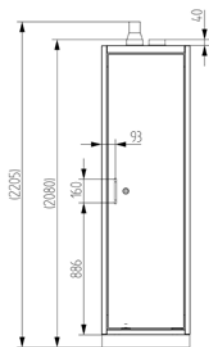


Front view	Side view	Top view
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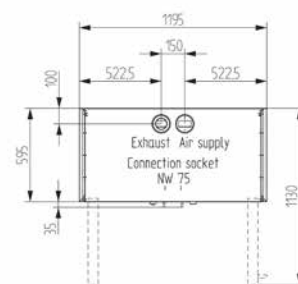
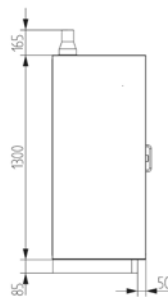
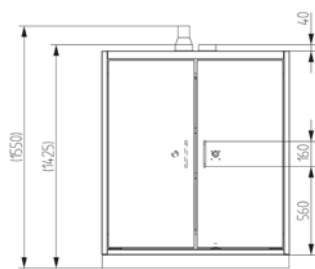
**CLASSIC standard L**



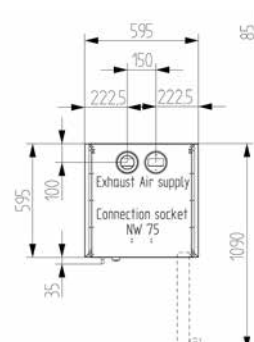
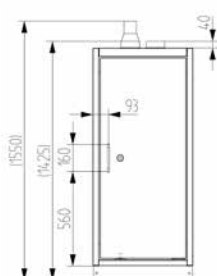
**CLASSIC standard M**



**CLASSIC standard XS**



**CLASSIC standard S**



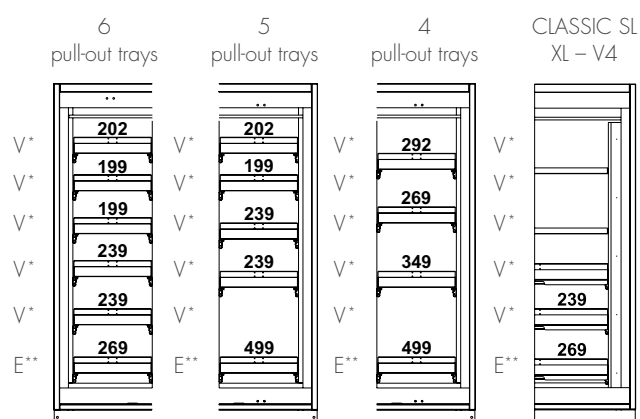


# Technical data CLASSIC SL – Type 90

Technical details			Model size			
			M	ML	XL with centre partition wall	XL without centre partition wall
Load bearing capacity with uniformly distributed load (max. load/shelf)	in kg	Pull-out tray V*	30	30	30	60
		Pull-out tray E**	50	50	50	60
		Shelf	–	–	75	75
Maximum volume of the largest single container which may be stored on any shelf in the cabinet	in l	Pull-out tray V*	7	10	9	19
		Pull-out tray E**	15	21	19	39
		Shelf with bottom tray	–	–	20	43
Collection volume	in l	Pull-out tray V*	8	11	10	21
		Pull-out tray E**	17	23	21	43
		Bottom tray	–	–	23	48
Volumetric flow rate with 10-fold air exchange rate	in approx. m <sup>3</sup> /h	–	4.5	6	10	10
Pressure drop in the cabinet	in Pa	–	<1	<1	<1	<1

Dimensions – interior fittings [in mm]				Model size								
				M			ML			XL with centre partition wall		
	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height	Width	Depth	Height
Pull-out tray V*	389	410	60	389	560	60	465	410	60	862	410	60
Pull-out tray E**	389	410	120	389	560	120	465	410	120	862	410	124
Shelf	–	–	–	–	–	–	536	430	35	860	430	35
Bottom tray	–	–	–	–	–	–	523	440	105	855	440	65
Perforated sheet insert	–	–	–	–	–	–	515	422	105	–	–	–

### Adjustable heights CLASSIC SL XL V1 – V4 [in mm]



#### Container types

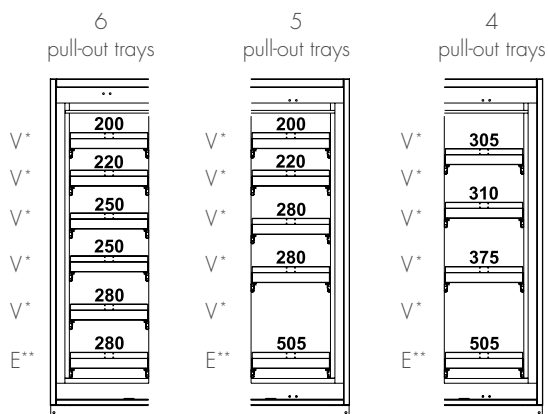
Type of container	Height
Glass laboratory bottle 0.5 litre	195 mm
Glass laboratory bottle 1.0 litre	235 mm
Glass laboratory bottle 2.5 litre	265 mm
Combination container 12.0 litre	345 mm
Combination container (with high funnel) 12.0 litre	490 mm

Other height possible on request.

\*V = for small containers 0.5 – 2.5 litre

\*\*E = for larger containers, e.g. container 12 litre

### Adjustable heights CLASSIC SL M, ML, and XL V5 – V10 with centre partition wall [in mm]



#### Container types

Type of container	Height
Glass laboratory bottle 0.5 litre	195 mm
Glass laboratory bottle 1.0 litre	235 mm
Glass laboratory bottle 2.5 litre	265 mm
Combination container 12.0 litre	345 mm
Combination container (with high funnel) 12.0 litre	490 mm

Other height possible on request.

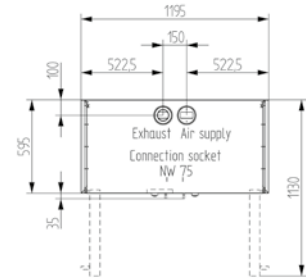
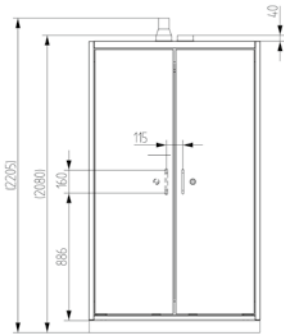
\*V = for small containers 0.5 – 2.5 litre

\*\*E = for larger containers, e.g. container 12 litre

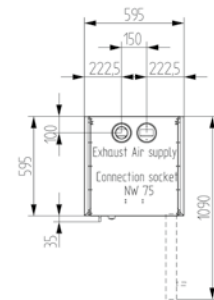
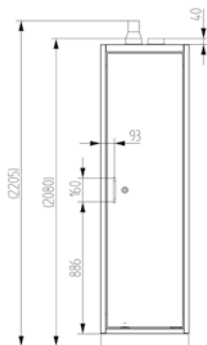
# Technical data CLASSIC SL – Type 90

Front view	Side view	Top view
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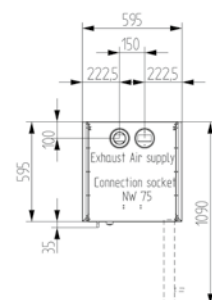
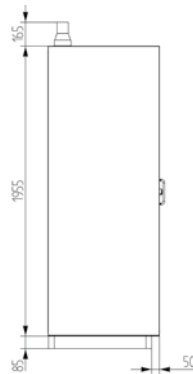
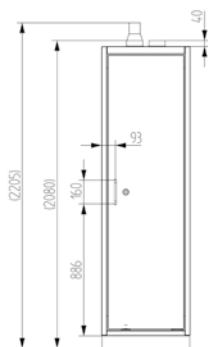
## CLASSIC SL – XL



## CLASSIC SL – M



## CLASSIC SL – ML



## Intelligent technology – Great service

There is more to safety than simply buying a safety storage cabinet. This is why we offer you our certified knowledge, comprehensive service and expertise – supporting you before, during and especially after your decision to buy a DÜPERTHAL safety storage cabinet. For a reassuring feeling of having done everything within your power.

**Individual advice.**  
**Intelligent solutions.**  
**Safety requires experts.**

### **Your contact person – for Germany**

Phone: +49 6188 9139-0  
E-mail: [vkid@dueperthal.com](mailto:vkid@dueperthal.com)

### **Your contact person – for all other countries**

Phone: +49 6188 9139-150  
E-mail: [export@dueperthal.com](mailto:export@dueperthal.com)

**Preventive inspections.**  
**Sustainable maintenance.**  
**Our service sets new standards.**

### **Your contact person – Technical Service**

Phone: +49 6188 9139-166  
E-mail: [service@dueperthal.com](mailto:service@dueperthal.com)



**Safety means responsibility.**

DÜPERTHAL is one of the leading manufacturers of safety storage cabinets. There are good reasons for choosing DÜPERTHAL safety technology. Find out more about us and our entire product range on [www.dueperthal.com](http://www.dueperthal.com).

**We look forward to your call!**

Mondays to Thursdays from 8.00 am to 5.00 pm  
Fridays from 8.00 am to 4.00 pm

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