



Safe storage of hazardous materials

SP-LINE Safety storage cabinets for retail salesrooms



**Tested
according
to SP-2369
VERSION 6**

WHO WE ARE

THE WORLD THAT MOVES US REVOLVES AROUND
STORING HAZARDOUS MATERIALS



asecos take great pride in assisting to create new safety standards and ultimately reducing the number and severity of accidents, through the use of approved products.

The best possible protection of humankind and the environment is our number one priority.

Driven by this desire, we developed the first cabinet with a certified 90-minute fire resistance for the storage of flammable liquids in 1994. What was a technical revolution in the industry at that time has now become the technical standard across Europe and is gaining more and more acceptance overseas.

Meeting minimum legal requirements, which were often set many years ago, is just not good enough for us.

Our mission is to raise awareness globally and to develop storage solutions that are fit for the challenges of 21st century workplaces.

asecos are the leading global manufacturer of EN 14470-1/-2-compliant flammable storage cabinets.

Find the right storage solution for your needs in this brochure.

THE SAFE SOLUTION FOR STORING FLAMMABLE GASES AND LIQUIDS TOGETHER



Whether in **department stores, supermarkets, grocery stores, petrol stations** or **do-it-yourself stores** – small and large containers of flammable gases or aerosols, and flammable liquids e.g. in the form of **acetone** or **perfume**, can be found everywhere.



The danger associated with them **is not always obvious**. Nevertheless, in Sweden **more than 200 fires** occur in shops every year - caused by leaking flammable gases (which ignite when mixed with air) or flammable liquids.



With such a fire, there is always a **high risk of injury to persons**. There is also the risk of an explosion and the rapid spread of fire. In addition to the risk of injury, the **financial impact on the business** must be considered, together with the **damage to image** and the **consequential costs** of extinguishing a fire.

NEW STANDARDS –

SP-METHODE 2369 VERSION 6

Compared to previous versions of the test method, safety cabinets tested according to SP Method 2369 Version 6 have the following characteristics:

- ▶ increased fire resistance of 30 minutes (previously only 20 minutes)
- ▶ max. 75 °C temperature increase inside the cabinet (previously permissible up to + 200 °C)
- ▶ high-quality stainless steel hinges according to EN 1935:2002 (tested for more than 200.000 door closures)
- ▶ Door closer according to EN 1154



Is your storage still legal? Are you affected by the changes?

The new **MSBFS 2020:1** regulations of the **MSB*** for handling combustible gases and aerosols came into force on **1 August 2020**.

Existing certifications for **SP 2369-tested safety cabinets automatically expire** 2 years after the new certification rules have been published - i.e. on 31 July 2022.

The new standard thus affects most safety cabinets sold to date. Only liquids **or** aerosols may be stored in these safety cabinets certified according to the previous test method.

Storing liquids and aerosols together is not permitted.

Storage in safety cabinets - the recommendation of the MSB

The **MSB** recommends that flammable goods in salesrooms should be protected from fire and stored in safety cabinets. This is to prevent:

- ▶ a fire reaching the combustible materials
- ▶ the flammable goods starting to burn or explode
- ▶ the flammable goods obstructing evacuation in the event of fire
- ▶ a fire spreading

MSB requirements for the storage of flammable gases and liquids

The storage of flammable gases and liquids outside of fire-resistant safety cabinets – e.g. on open shelves – is not generally prohibited.

However, it is subject to **strict quantity limits, segregation** and **distance rules**. For example:

- ▶ flammable gases and liquids must be **stored separately**
- ▶ keep containers with flammable liquid at a **minimum distance of 6 metres** from exits

In **manual 1538**, the **MSB** precisely describes the storage of these hazardous substances.

These specifications naturally restrict the presentation of goods in sales rooms and use up valuable floor space.

*MSB: Swedish Civil Contingencies Agency

ASECOS SP-LINE – THE SAFETY STORAGE CABINET FOR RETAIL SALESROOMS

You want to store your flammable liquids and gas cartridges together?

The asecos SP-LINE supports you in achieving optimum product presentation.

Our safety storage cabinets are **available** in **two different heights** and **widths** – providing a solution for every sales outlet.

Cabinet design highlights:

- ▶ large viewing window
- ▶ bright LED interior lighting
- ▶ up to 275 litres storage capacity
- ▶ height adjustable shelves with load capacity of 75 kg
- ▶ high-quality stainless steel door hinges
- ▶ variable adjustment of the door closing speed
- ▶ ergonomic aluminium door handle

and much more.





SP-DISPLAY-30



Safety storage cabinet
SP-DISPLAY-30 model SP30.195.085.NE.WDFW
 laboratory white (RAL 9016), interior equipment: 4x shelf,
 1x perforated insert, 1x bottom collecting sump (sheet steel
 powder-coated)
Order No. 38845-005-38849
 (base cover optional)



*requested



Safe and approved storage of flammable liquids, pressurised gas cylinders and aerosols in accordance with the new standard SP 2369 Version 6 (2018)

Function / Construction:

- **Robust construction and longevity:** robust, high-quality, scratch-resistant outer body with powder-coated textured surface, triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion
- **Easy handling with comfort:** ergonomic door handle made of aluminium, smooth doors with permanent self-closing function and door closer according to EN 1154 with compliant minimum closing forces and freely adjustable closing speed, high-quality door hinges made of stainless steel according to EN 1935:2002
- **Easy transport:** integrated transport base for internal transportation, optional base cover
- **Easy alignment:** adjusting aids to compensate for uneven floor
- **Ventilation (optional):** with air ducts, ready for connection to a technical exhaust system according to EN 14470-1 for the reliable removal of hazardous vapours
- **Effective sales promotion:** 65% window area in the cabinet door for clear visibility of the stored products
- **LED lighting (optional):** flexible LED strip for an even and bright lighting inside the cabinet

Available equipment:

- Corrosion-resistant, height adjustable shelves with load capacity of 75 kg
- Seal welded and coated bottom collecting sump – safe collection of leakages, usable as storage level in conjunction with perforated insert
- Left hinged wing door (right hinged wing door upon request)



LED lighting (optional)

Flexible LED strip for bright and even lighting inside the cabinet.

Brightness: 870 lm/m
 Colour: neutral white
 Life span: 40.000 h



Maximum flexibility

Fast modification of retail space - integrated transport base provides access from below for transporting by forklift (base cover optional).



Efficient storage capacity

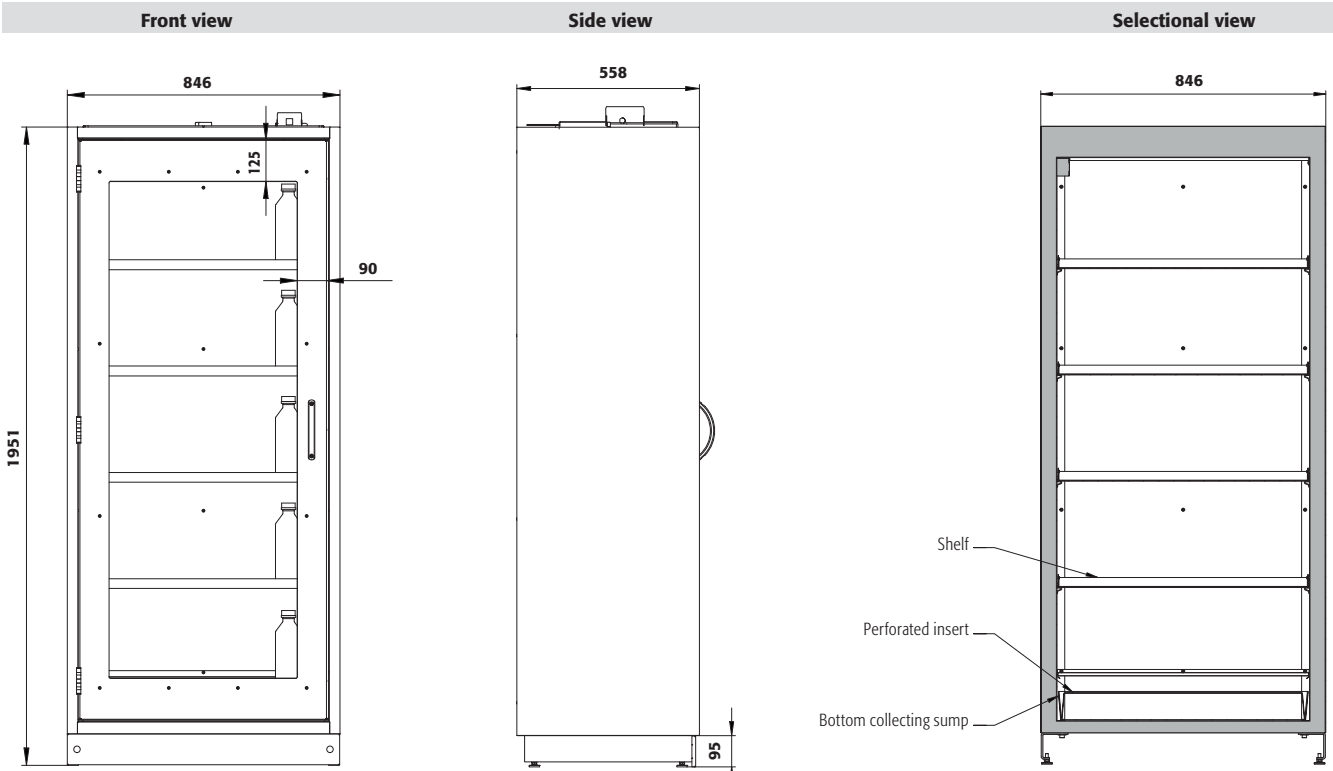
Up to 275 litres storage capacity (depending on the model), this equals 255x 1-litre-bottles.



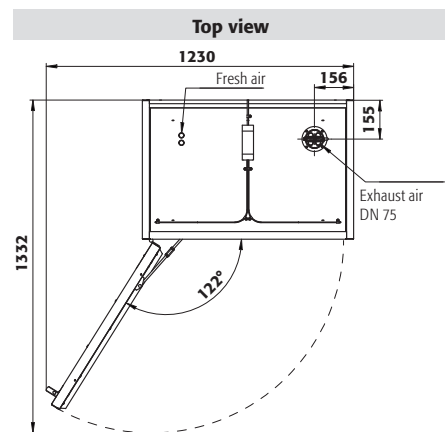
Suitable for connection to a technical exhaust system (optional)

Optionally available with a recirculating air filter system. Safe capturing of hazardous vapours and retention in the filter system.

Individual offer upon request.



Technical data		SP30.195.085.NE.WDFW	
External dimensions W x D x H	mm	846 x 558 x 1951	
Internal dimensions W x D x H	mm	750 x 480 x 1635	
Weight without interior equipment	kg	284	
Maximum load	kg	600	
Distributed load	kg/m ²	671	
Capacity		275 litres (equals approx. 255 x 1-litre-bottles)	
Transport base entry height	mm	95	
Transport base entry width	mm	680	



Order example - how to order correctly



Model	Information/equipment	Order No.
SP30.195.085.NE.WDFW	without interior equipment, left hinged	38845
SP30.195.085.EA.WDFW	without interior equipment, ready for connection to a technical ventilation, left hinged	38850

Body colour	Door colour	Order No.
Laboratory white (sim. RAL 9016)	laboratory white (sim. RAL 9016)	005

Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
4x shelf, 1x perforated insert, 1x bottom collecting sump (V=275 L)	stainless steel powder-coated RAL 7035	38849

Accessories/Ventilation	Material	Order No.
LED interior lighting		38835
Base cover	slate grey RAL 7015	39045
Recirculating air filter system with exhaust air monitoring		25099
Extraction unit without exhaust air monitoring		14218
Extraction unit with exhaust air monitoring		14220



Safety storage cabinet
SP-DISPLAY-30 model SP30.195.055.NE.WDFW
 laboratory white (RAL 9016), interior equipment: 4x shelf, 1x perforated insert, 1x bottom collecting sump (sheet steel powder-coated)
Order No. 38827-005-38834
 (base cover optional)



*requested



Safe and approved storage of flammable liquids, pressurised gas cylinders and aerosols in accordance with the new standard SP 2369 Version 6 (2018)

Function / Construction:

- **Robust construction and longevity:** robust, high-quality, scratch-resistant outer body with powder-coated textured surface, triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion
- **Easy handling with comfort:** ergonomic door handle made of aluminum, smooth doors with permanent self-closing function and door closer according to EN 1154 with compliant minimum closing forces and freely adjustable closing speed, high-quality door hinges made of stainless steel according to EN 1935:2002
- **Easy transport:** integrated transport base for internal transportation, optional base cover
- **Easy alignment:** adjusting aids to compensate for uneven floor

- **Ventilation (optional):** with air ducts, ready for connection to a technical exhaust system according to EN 14470-1 for the reliable removal of hazardous vapours
- **Effective sales promotion:** 65% window area in the cabinet door for clear visibility of the stored products
- **LED lighting (optional):** flexible LED strip for an even and bright lighting inside the cabinet

Available equipment:

- Corrosion-resistant, height adjustable shelves with load capacity of 75 kg
- Seal welded and coated bottom collecting sump – safe collection of leakages, usable as storage level in conjunction with perforated insert
- Left hinged wing door (right hinged wing door upon request)



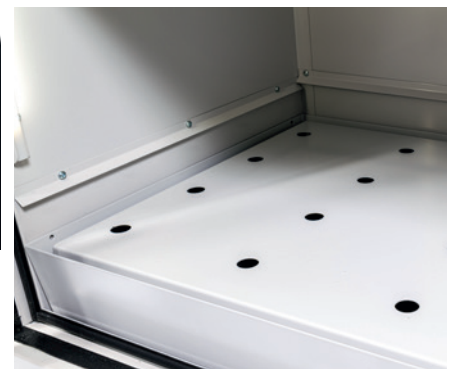
Large window area for optimum product presentation
 Clear visibility of the stored products while ensuring a fire resistance of 30 minutes.



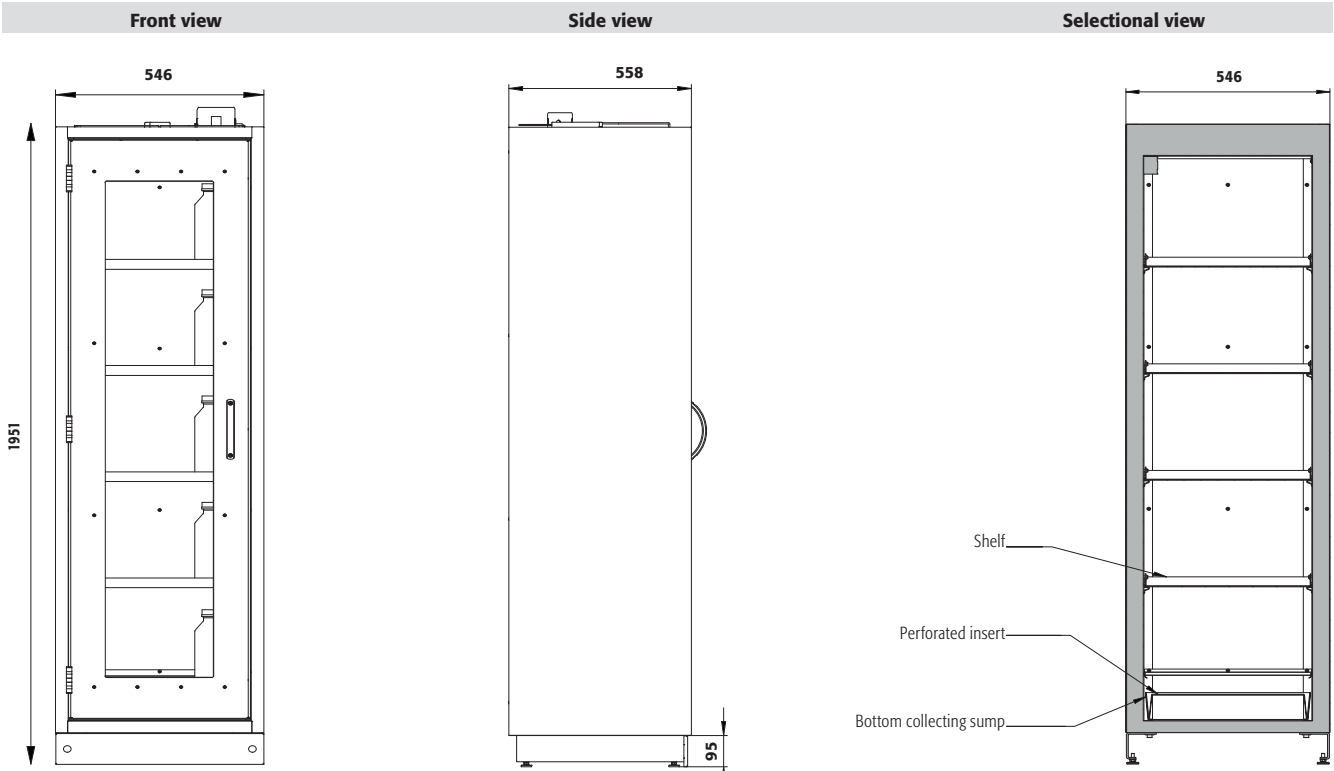
Corrosion-resistant shelves
 Easy handling and precise adjustment of the storage heights. Load capacity up to 75 kg.



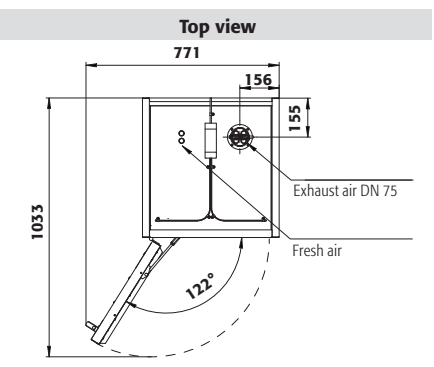
Drip edges for leakages
 Cabinet framed with drip edges for the safe discharge of leakages to the bottom collecting sump.



Bottom collecting sump - safe collection of leakages
 Seal welded and coated sump with a capacity of up to 27,5 litres (depending on the model). This equals 10% of the stored goods or 110% of the largest container.
 Usable as storage level in conjunction with perforated insert.



Technical data		SP30.195.055.NE.WDFW
External dimensions W x D x H	mm	546 x 558 x 1951
Internal dimensions W x D x H	mm	450 x 480 x 1635
Weight without interior equipment	kg	230
Maximum load	kg	600
Distributed load	kg/m ²	976
Capacity		160 litres (equals approx. 135 x 1-litre-bottles)
Transport base entry height	mm	95
Transport base entry width	mm	380



Order example - how to order correctly



Model	Information/equipment	Order No.
SP30.195.055.NE.WDFW	without interior equipment, left hinged	38827
SP30.195.055.EA.WDFW	without interior equipment, ready for connection to a technical ventilation, left hinged	38836
Body colour	Door colour	Order No.
Laboratory white (sim. RAL 9016)	laboratory white (sim. RAL 9016)	005
Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
4x shelf, 1x perforated insert, 1x bottom collecting sump (V=16 L)	stainless steel powder-coated RAL 7035	38834
Accessories/Ventilation	Material	Order No.
LED interior lighting		38835
Base cover	slate grey RAL 7015	39046
Recirculating air filter system with exhaust air monitoring		25099
Extraction unit without exhaust air monitoring		14218
Extraction unit with exhaust air monitoring		14220



SP-DISPLAY-30



Safety storage cabinet
SP-DISPLAY-30 model SP30.145.085.NE.WDFW
 laboratory white (RAL 9016), interior equipment: 2x shelf, 1x perforated insert, 1x bottom collecting sump (sheet steel powder-coated)
Bestell-Nr. 38809-005-38819
 (base cover optional)



*requested



Safe and approved storage of flammable liquids, pressurised gas cylinders and aerosols in accordance with the new standard SP 2369 Version 6 (2018)

Function / Construction:

- **Robust construction and longevity:** robust, high-quality, scratch-resistant outer body with powder-coated textured surface, triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion
- **Easy handling with comfort:** ergonomic door handle made of aluminum, smooth doors with permanent self-closing function and door closer according to EN 1154 with compliant minimum closing forces and freely adjustable closing speed, high-quality door hinges made of stainless steel according to EN 1935:2002
- **Easy transport:** integrated transport base for internal transportation, optional base cover
- **Easy alignment:** adjusting aids to compensate for uneven floor
- **Ventilation (optional):** with air ducts, ready for connection to a technical exhaust system according to EN 14470-1 for the reliable removal of hazardous vapours
- **Effective sales promotion:** 65% window area in the cabinet door for clear visibility of the stored products
- **LED lighting (optional):** flexible LED strip for an even and bright lighting inside the cabinet

Available equipment:

- Corrosion-resistant, height adjustable shelves with load capacity of 75 kg
- Seal welded and coated bottom collecting sump – safe collection of leakages, usable as storage level in conjunction with perforated insert
- Left hinged wing door (right hinged wing door upon request)



LED lighting (optional)

Flexible LED strip for bright and even lighting inside the cabinet.

Brightness: 870 lm/m
 Colour: neutral white
 Life span: 40.000 h



Easy alignment

Integrated adjusting aids to compensate for uneven floor



High quality door hinges made of stainless steel

Constructed for more than 200.000 door closings, approval according to EN 1935:2002.



Door hinges left or right

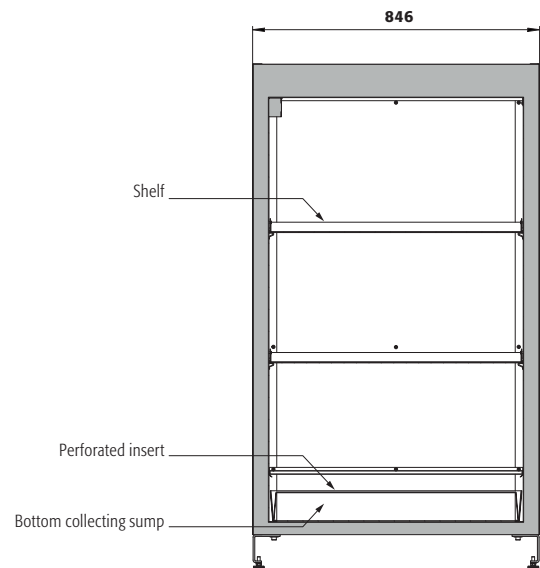
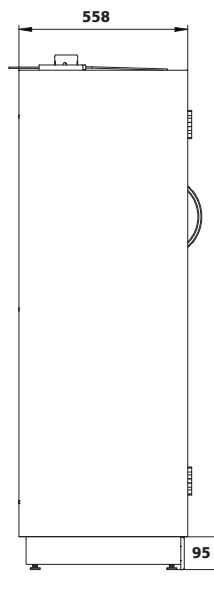
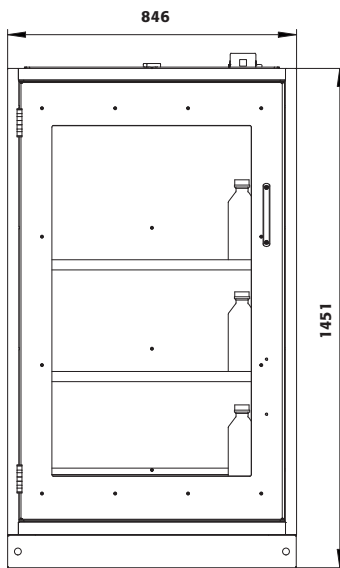
All models available with left hinged doors as standard. Right hinged doors available upon request.



Front view

Side view

Selectional view

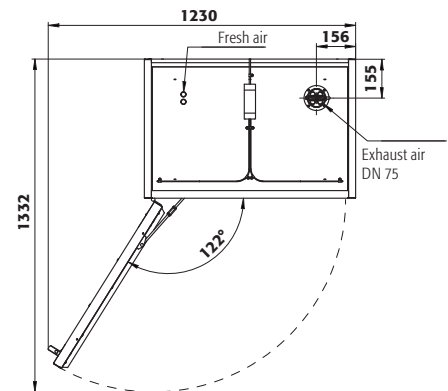


Technical data

SP30.145.085.NE.WDFW

External dimensions W x D x H	mm	846 x 558 x 1451
Internal dimensions W x D x H	mm	750 x 480 x 1135
Weight without interior equipment	kg	219
Maximum load	kg	600
Distributed load	kg/m ²	621
Capacity		165 litres (equals approx. 153 x 1-litre-bottles)
Transport base entry height	mm	95
Transport base entry width	mm	680

Top view



Order example - how to order correctly



Model	Information/equipment	Bestell-Nr.
SP30.145.085.NE.WDFW	without interior equipment, left hinged	38809
SP30.145.085.EA.WDFW	without interior equipment, ready for connection to a technical ventilation, left hinged	38812

Body colour	Door colour	Bestell-Nr.
Laboratory white (sim. RAL 9016)	laboratory white (sim. RAL 9016)	005

Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Bestell-Nr.
2x shelf, 1x perforated insert, 1x bottom collecting sump (V=275 L)	stainless steel powder-coated RAL 7035	38819

Accessories/Ventilation	Material	Bestell-Nr.
LED interior lighting		38826
Base cover	slate grey RAL 7015	39045
Recirculating air filter system with exhaust air monitoring		25099
Extraction unit without exhaust air monitoring		14218
Extraction unit with exhaust air monitoring		14220

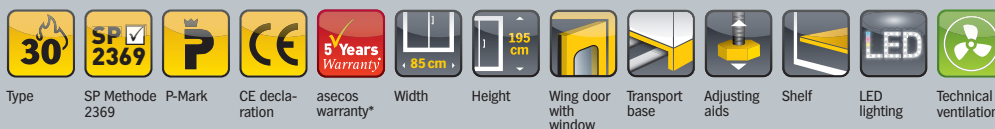
QUICK-CHECK



Do I store in accordance with the law?

We would be happy to analyse your current safety cabinets and advise if they meet the new requirements for legally compliant storage. Use our **online quick check** and benefit from our recommendation!

ICONS Features



asecos warranty

* Upon conclusion of an asecos service and maintenance agreement (BasicPlus tariff) with a fixed term of 5 years, you will get a warranty extension for a maximum of 5 years for your safety storage cabinet according to EN 14470 .

asecos GmbH

Safety and Environmental Protection
Weihersiedlung 16-18
DE-63584 Gründau

☎ +49 6051 92200
☎ +49 6051 922010
✉ info@asecos.com

asecos bv

Veiligheid en milieubescherming
Tuinderij 15
NL-2451 GG Leimuiden

☎ +31 172506476
☎ +31 172506541
✉ info@asecos.nl

asecos SARL

Sécurité et protection de l'environnement
1, rue Pierre Simon de Laplace
FR-57070 Metz

☎ +33 3 87 78 62 80
☎ +33 3 87 78 43 19
✉ info@asecos.fr

asecos S.L.

Seguridad y Protección del Medio Ambiente
CIM Valles, C/ Calderí S/N
Oficinas 75 a 77
ES-08130 - Santa Perpètua de Mogoda
Barcelona

☎ +34 902 300385
☎ +34 902 300395
✉ info@asecos.es

asecos Ltd.

Safety and Environmental Protection
c/o Burton Accountancy Services
16 Eastgate Business Centre
Eastern Avenue
Burton on Trent, Staffordshire
GB-DE13 0AT

☎ +44 7880 435436
☎ +49 6051 922010
✉ info@asecos.co.uk

asecos

Safety and Environmental Protection Inc.
19109 West Catawba Avenue, Suite 200
Cornelius, NC 28031
USA

☎ +1 704 8973820
☎ +49 6051 922010
✉ info@asecos.com

asecos Schweiz AG

Sicherheit und Umweltschutz
Gewerbe Brunnmatt 5
CH-6264 Pfaffnau

☎ +41 62535 5498
☎ +41 62535 7378
✉ info@asecos.ch