5 YEARS 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.

10 YEARS WARRANTY* *Upon conclusion of an asecos service and maintenance agreement (PREMIUM Q tariff), you will get a warranty extension for up to 10 years for your Q-LINE safety storage cabinet.

For detailed information about our warranties please visit www.asecos.com/service-conditions
### XL CLASSIC

**XL CLASSIC-90**
- XL90.222.120
- XL90.222.155.WDAS
- XL90.222.110.WDAS

### XL CLASSIC-60
- S60.196.120
- S60.196.060
- S60.196.060.R

### XL CLASSIC-30
- S30.197.120
- S30.197.060
- S30.197.060.R

### XL CLASSIC-15
- S15.197.120
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- S15.197.060.R

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- S90.196.120.MV
- S90.196.090
- S90.196.060
- S90.196.060.R
- S90.129.120
- S90.129.060
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- S90.196.120.WDAS
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- S90.196.060.WDAS
- S90.196.060.WDASR
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**S CLASSIC-30**
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- S30.197.060.R

**S CLASSIC-15**
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- S15.197.060.R

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- S90.196.090.WDEU
- S90.129.120.WDEU
- S90.196.120.WDAC
- S90.196.120.MV.WDAC
- S90.196.090.WDAC
- S90.196.060.WDAC
- S90.196.060.WDACR
- S90.129.120.WDAC
- S90.129.060.WDAC
- S90.129.060.WDACR

**S PHOENIX-90**
- S90.196.120.FDAS
- S90.196.060.FDAS
- S90.197.060.FDAS

**S PHOENIX-30**
- S90.196.120.FDAS
- S90.196.120.MV.FDAS
- S90.196.090.FDAS
- S90.196.060.FDAS
- S90.196.060.FDASR
- S90.196.060.075.FDAS
- S90.196.060.075.FDASR

**S PHOENIX 2-90**
- S90.196.120.FDEU
- S90.196.120.FDAC
- S90.196.120.MV.FDAC
- S90.196.060.FDAC
- S90.196.060.FDACR
- S90.196.060.075.FDAC
- S90.196.060.075.FDACR

**S PHOENIX touchless-90**
- S90.196.120.FDAO
- S90.196.060.FDAO
- S90.196.060.075.FDAO

### Q CLASSIC

**Q CLASSIC-90**
- Q90.195.120
- Q90.195.120.MV
- Q90.195.120.MM
- Q90.195.090
- Q90.195.060
- Q90.195.060.R

**Q PEGASUS-90**
- Q90.195.120.WDAC
- Q90.195.090.WDAC
- Q90.195.060.WDAC
- Q90.195.060.WDACR

**Q PHOENIX-90**
- Q90.195.120.FD

**Q CLASSIC-30**
- Q30.195.116
- Q30.195.056
- Q30.195.056.R

**Q CLASSIC-15**
- Q15.195.116
- Q15.195.056
- Q15.195.056.R

### Q PHOENIX

**Q PHOENIX-90**
- Q90.195.120.FD

**Q PHOENIX Vol.2-90**
- Q90.195.120.FD

**Q PHOENIX touchless-90**
- Q90.195.120.FD

XL CLASSIC
- XL90.222.155.WDAS
- XL90.222.110.WDAS
IHRE PERSÖNLICHE DOKUMENTATION ZUM asecos-SICHERHEITSSCHRANK

Sehr geehrte Kundin, sehr geehrter Kunde,

mit dem Kauf Ihres asecos-Sicherheitsschranks haben Sie eine entscheidende Investition für die Sicherheit in Ihrem Haus getätigt. Vor Ihnen steht ein innovatives Produkt aus hochwertigen Materialien, das höchste Qualität garantiert.

Sicherheitsschränke aus dem Hause asecos verfügen über eine lückenlose Zulassungs-Dokumentation. Wir archivieren Ihre Zulassungsdokumente jedes einzelnen Schrankes für Sie, bis Sie diese im Bedarfsfall (z. B. einer Betriebsbegehung o. ä.) mit diesem Formular von uns anfordern.

Dazu einfach dieses Formular heraustrennen/kopieren und mit Ihrer Adresse und der Seriennummer des Schrankes versehen per Fax zurück an uns.

Mit freundlichen Grüßen

asecos GmbH

YOUR PERSONAL DOCUMENTATION TO THE asecos SAFETY CABINET

Dear Customer,

you have made a decisive investment in safety for your company by purchasing this asecos safety storage cabinet. You now own an innovative product made of top-quality materials guaranteeing the highest quality standards.

asecos safety storage cabinets have complete authorisation documents. We archive the authorisation documents for every individual cabinet, keeping them ready for you should you ever need them (e.g. for a works inspection or similar). Simply request them using this form.

Tear off or copy that page and return to us by fax with your address and serial number of the cabinet on it.

Yours sincerely

asecos GmbH

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<td>Schrank • cabinet</td>
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<td>Seriennummer(n) • serial number(s)</td>
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Dear customer,

Thank you very much for purchasing a safety storage cabinet from our company, with which you have made a decisive investment in the safety within your company. Our safety storage cabinets make the storage of hazardous materials at the workplace safe and convenient for you.

Please read these operating instructions very carefully. Get to know the advantages and simple operability of our safety storage cabinets in detail. This simplifies the daily handling of hazardous materials for you.

Many thanks.

Your asecos team

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1.1. GENERAL SAFETY NOTES

• Observe applicable statutes and regulations, and the notes in these operating instructions, when handling hazardous materials.
• Work on the electrical system is to be carried out only with the power turned off and only by qualified electricians – refer here to the regulations of the local electricity supply company.
• The on-site installation conditions are to be observed (e.g. bolting the cabinets to the building).
• The instructions of the supervisory engineering department must be followed.
• Observe accident prevention regulations and workplace ordinance.
• Ensure that the necessary safety checks are only carried out by authorised staff using original spare parts.
• Only use the cabinet after having been properly instructed; access is to be forbidden to unauthorised persons.
• The pivoting area of the doors is to be kept free at all times; doors/drawers are to be kept closed.
• By assigning trained/authorised technical personnel you can prevent the malfunctions, damage and corrosion damage that result from inappropriate transport.
• Observe the upper limits for stored quantities, loading etc.
• Containers with a volume larger than that of the spill containment sump may not be placed inside the cabinet; spilt hazardous materials are to be collected immediately and removed.
• Vessels containing aggressive chemicals (acids/alkalis) are to be kept in special cabinets for acids and alkalis or on shelves for acids and alkalis as well as in cabinets with metal-free interior equipment.
• Sufficient technical ventilation must be ensured, pay attention to the notices on connection to an extraction system under point 9.1!
• Before storing such materials, check that the cabinet's surface is resistant to the chemicals.
• The storage of corrosive liquids or gases can affect the function of the shut-off equipment for the air supply and exhaust.
• Before the initial commissioning, the safety storage cabinet is to be examined by the user for possible damage. (See point 3.2)

Set-up requirements

1.2. GUARANTEE

The guarantee for this product is agreed between you (the customer) and your dealer (the seller). As the manufacturer, asecos guarantees the products listed in the operating instructions for a period of 24 months from the date of delivery.
All model safety equipment are subject to a compulsory annual inspection by specialised staff authorised by the manufacturer. Otherwise the customer’s guarantee claim against the manufacturer expires.

1.3. CABINET DETAILS

A complete overview of the models can be found at the start of the operating instructions.

| Cabinet data | Logbook (included with the cabinet) |
| Technical drawing | Appendix 1 |
| Technical data | Table in Appendix 2 |

S-LINE • Q-LINE • UB-LINE • XL-LINE • K-LINE
These models are tested, certified and marked according to requirements of BS EN 14470-1.
They are intended for the storage of combustible liquids in work rooms in accordance with the valid national regulations.

G-CLASSIC-30 • G-ULTIMATE-90
These models are tested, certified and marked according to requirements of BS EN 14470-2.
They are intended for the storage and emptying of gas cylinders in buildings in accordance with the valid national regulations.
2. TRANSPORT

GENERAL

CAUTION:
Transport the cabinet in an upright position on a pallet truck, tied and secured against slipping, until the final place of installation is reached.

The transport locks in the door joints may only be removed directly at the place of installation!
Inappropriate transport can lead to concealed damage to the fire protection insulation!
We can only guarantee the necessary quality if the cabinet is transported to the place of its use by our specially trained staff.

Tilting the cabinet (may only be done without jolts)

Q-LINE

Dismantling of the transport packaging

ATTENTION
Q-LINE type 90, width 600 mm
The clearance drive-in width of the base is 520 mm.

Q-LINE type 15/30, width 560 mm
The clearance drive-in width of the base is 406 mm.

You must observe this when selecting a pallet truck!
Appliances with a carrying width larger than the drive-in width may not be used.

In-plant transport
• is also possible without transport locks (inserted as standard in the door joints)

Titling onto the side wall
• is only possible with the optionally available tilting bracket (order no. HFV.27665)
Q-Mover
- Order no. HFI.23526, available from your authorised dealer

a: upright transport
b: upright transport through standard doors (headroom 1986 ± 2mm)

CAUTION:
Written notification of any damage to the cabinet must be given immediately!

CAUTION:
Afterwards, lower the cabinet slowly and without jolts in order to prevent damage!
Remove the transport locks from the door joints after erection!

3. ERECTION • COMMISSIONING • FUNCTION

3.1. ALIGNMENT OF THE CABINETS

GENERAL
CAUTION:
Door elements must not scrape against the fire prevention seals in the fold of the door when opening and closing! Doors with an automatic closing mechanism must close automatically from every position and the lock must be able to lock!
The distance between the door and the floor can be reduced to less than 40 mm. The door panels required for this can be obtained on enquiry from asecos service.

S-LINE 60/90
K-PHOENIX-30/-90/VOL. 2-90
K-CLASSIC-90
XL-LINE
G-CLASSIC-30
G-ULTIMATE-90

S-PHoenix touchless-90

Q-CLASSIC-90
Q-PEGASUS-90
Q-PHOENIX-90

Q-CLASSIC-15/30
with adjusting aids in plinth

Mit Sockel:
UB-LINE
K-UB-90

S-PHoenix-30
Q-CLASSIC-15/30 without adjusting aids without plinth: UB-LINE, K-UB-90

1 Unlock the cabinet and open it manually
2 Remove the power cable from the interior
3 Align the cabinet
4 Allow the cabinet to close automatically

made of metal!
3.2. COMMISSIONING

- Before putting into operation for the first time, the user must carry out an examination of the safety storage cabinet for possible damage, such as defective or loose sealing elements, correct alignment and perfect functioning of the door elements.
- Use the cabinet and accessories only if they are in an orderly condition.

Connection to the power supply

- Accessories: 5 m low-temperature IEC power cable including earthed mains plug

3.3. ANTI-TILT DEVICE

CAUTION:
If these model groups are equipped with drawers, they must be fastened to the wall using the anti-tilt device supplied.

Anti-tilt bracket (EP.ML.6323):
Optional to prevent tilting with maximum load and fully extended drawers

4. CLOSING MECHANISMS

4.1. TYPES OF CLOSING

1. Thermal release: in the case of fire the doors close automatically (even if latched)
2. Automatic door closing system TSA
3. Doors permanently self-closing
4. Doors with arrest system
5. Doors closable only by hand
### 4.2. AUTOMATIC DOOR CLOSING SYSTEM: TSA

**CAUTION:**
The doors close automatically. The time interval until the doors close can be set individually by means of a jumper (preset: 60 seconds).

Do not push the doors to close by hand, since this can lead to damage to the mechanism!

**Sequence**

[Diagram of automatic door closing system]
Battery replacement

 Changing the closing times with the aid of the jumper

**CAUTION:**
The electrical cable on the housing may not come into contact with the locking linkage of the cabinet!

**S-PHONIX touchless-90**

Closing process

**Entering the sensor range during the closing movement**

**CAUTION:**
The closing of the doors takes place purely mechanically and only with the very low forces of the closing spring. Reaching inside the cabinet during the closing process is therefore harmless and the risk of injury is ruled out.

4.3. **LOCKING**

**CAUTION:**
Applicable for all models: The owner/user must ensure that all doors and drawers are kept closed whenever the contents of the cabinet are not being accessed! In general it must be noted that the cabinets do not possess an emergency unlocking facility. This means that persons trapped inside the cabinet cannot free themselves!
5. INTERIOR FITTINGS: S-LINE • Q-LINE • K-LINE • XL-LINE • UB-LINE

CAUTION:
Loose parts (e.g. insertable sumps) must always be fully installed/inserted in order to ensure secure closing of the cabinet doors in case of fire.

5.1. SPILL CONTAINMENT SUMP

According to EN 14470-1: A spill containment sump must be installed below the lowest storage level. The spill containment sump must be able to hold a minimum volume of 10 % of all the containers stored in the cabinet 1 or at least 110 % of the volume of the largest single container 2, whichever of these volumes is larger.

Use as a storage surface in case of cabinets with several storage levels:

Leaks:
• Liquid in the sump is to be collected using suitable means.
• The choice of means is your own responsibility.

5.2. DRAWERS, SECOND STORAGE LEVEL

• All drawers have been designed in such a way that they are permanently drawn in the cabinet or automatically drawn into the cabinet in the case of fire, making it possible to close the cabinet doors.

CAUTION:
The height of the drawers in safety storage cabinets may be adjusted only by authorised asecos employees, since the safe retraction of the drawers in case of fire must be guaranteed!
5.3. TRAY SHELVES (HEIGHT-ADJUSTABLE)

5.4. SHELVES (HEIGHT-ADJUSTABLE)

6. INTERIOR FITTINGS: G-CLASSIC-30 • G-ULTIMATE-90

6.1. MOUNTING RAILS
• for fittings for pressurised gases, height-adjustable

6.2. CYLINDER RETAINER

Adjustable in depth with G-ULTIMATE-90
6.3. ROLLING RAMP
• latches automatically in the folded condition

6.4. PIPE / CABLE LEADTHROUGH
• prepared on top section

CAUTION:
The max. permissible lead-through diameters in accordance with BS EN 14470-2 (10 mm for pipes, 20 mm for cables) are to be observed!
All unused holes in the cabinet wall must be properly sealed with suitable fire protection putty (ROKU 1000, order no. 6520) over the full area and the complete wall thickness.
It is recommendable to manufacture the pipes from rustproof stainless steel or a material with similar conductive properties in order to maintain the fire resistance characteristics established and specified during the test.

6.5. ERMETO SCREW CONNECTION
• prepared on top section
• Thanks to the R3/8” internal threads a conventional ermelo screw connection can be mounted in the second step.
6.6. OPTIONAL EQUIPMENT: G-CLASSIC-30 • G-ULTIMATE-90

SIDE CYLINDER RETAINER
(adjustable without tools)

- is hooked into a mounting rail and is adjustable in height

SIDE CYLINDER RETAINER
(bolted)

- is adjustable in height and bolted to the side wall

7. STORAGE

S-LINE
Q-LINE
K-LINE
XL-LINE
UB-LINE

- Vessels containing aggressive chemicals (acids and alkalis) are to be kept in special cabinets for acids and alkalis or on shelves for acids and alkalis as well as in safety storage cabinets with metal-free interior equipment.
- The storage of corrosive liquids can affect the function of the shut-off equipment for the air supply and exhaust.
- Each container placed inside reduces the minimum containment volume demanded in section 5.1. in relation to the total stored quantity.

G-CLASSIC-30
G-ULTIMATE-90

- The total volume of the stored gas cylinders must not exceed 210 l + 10 l (purging gas cylinder).
- The storage of corrosive gases can affect the function of the shut-off equipment for the air supply and exhaust.

Applicable for all models:
Depending on the type class of the cabinet, observe the respective valid national regulations!

8. EARTHING

An earth connection may be necessary, depending on the customer-specific use of the safety storage cabinet. The decision regarding this is taken on the basis of a risk analysis by the customer.

ÜBERSICHT
9. VENTILATION

9.1. GENERAL FACTS

NOTICES

The fire protection valves near the supply and extraction air connections are safety and maintenance-relevant components.

In order to check the correct operation or to replace a defective element, please ensure that flexible connecting hoses or sliding pieces are used to connect to an extraction system in order to ensure simple dismounting and re-mounting of the extraction air connection.

CAUTION

The storage of corrosive gases and liquids can affect the function of the shut-off equipment for the air supply and exhaust.

• If installed on an exhaust system, a check must be carried out to ensure proper connection to the system (e.g. using a smoke tube)

Ventilation wheel for technical ventilation

• The ventilation wheel serves as an indicator for correct ventilation.
• If the wheel turns, the necessary 10-fold air recirculation rate is exceeded.

Earthing when decanting:
Connection to a potential equalisation system is compulsory in this case.
Cabinets in which decanting can be performed should additionally be equipped with an earth terminal in the interior (at a surcharge on enquiry) which must be connected to the decanting containers. This is standard with cabinets from the UB-LINE with drawers.

The spare parts required for the connection are not part of the scope of supply.
9.2. S-LINE • Q-LINE • K-LINE • XL-LINE • UB-LINE

- All models can be connected to a technical exhaust system via the exhaust connector. Please see the respectively applicable national regulations for the specified air recirculation rate, maximum pressure losses and exhaust air ducts.

**CAUTION:**
In general these models can be operated without technical ventilation. The direct environment of the cabinet can be an explosive zone in this case. If the cabinet is to be operated without an exhaust connection, the user must attach a marking to it. With some models the supply and exhaust connectors are not pre-mounted. They are included with the cabinet and must be screwed to the openings on the top section.

**UB-LINE**
**K-UB-90**
EXTRACTION AIR (a)  
FRESH AIR (b):  
1 cabinet incl. plinth  
2 cabinet without plinth

9.3. G-CLASSIC-30 • G-ULTIMATE-90

**CAUTION:**
In the case of gas cylinder cabinets that are connected to a technical exhaust system, the minimum air recirculation rate must be fulfilled according to BS EN 14470-2.

The ventilation must be permanent in operation and must lead out to a safe place in the open air. The pressure drop of the cabinet must not exceed 150 Pa. The inflow velocity of the air must be at least 20 cm/s.

Minimum air recirculation rate during storage of:

- **combustible/oxidising gases**
- **toxic gases**

9.4. MONTAGE OF FIRE PROTECTION SLEEVE

ALL MODELS:
G90.205.140  
G90.205.120  
G30.205.140  
G30.205.120

- **ALL MODELS:**
  1 4 × 30 mm  
  2 4 × 25 mm  
  3 4 × 25 mm
10. FIRE • DISPOSAL

10.1. OPENING THE CABINET AFTER THE FIRE

**CAUTION:**
Depending upon the duration of the fire an ignitable vapour/air mixture may have formed; therefore remove all sources of ignition within a 10 metre radius of the cabinet before opening it.
- use only spark-free tools
- open the cabinets with extreme caution

10.2. DISPOSAL

The models can be disposed of once they have been dismantled and the materials sorted. They are free from materials that have to be disposed of as special waste.

11. SAFETY CHECKS

As safety equipment the cabinets have to be checked for safety at least once per year. The next checking date can be taken from the check sticker on the outside of the door. This annual check can be carried out with the necessary care, and for securing your warranty claims in the case of fire, only by an authorised asecos employee (refer also to our service brochure regarding this).

**In addition, we recommend that you carry out a daily and monthly functional check:**

**Daily functional check**
- applies to the spill containment sumps (collect and remove any leakages)

**monthly functional check**
- perfect function of the doors:
  - hinges
  - locking system
  - door closer
  - door open arrest system
- correct seating and condition of the fire protection seals

In case of damage please contact your dealer in order to have the cabinet repaired using original spare parts. The cabinets can be cleaned with a mild household cleaner and a soft cloth.

**CONTACT:**
In the case of defects or complaints about our products (within and also after the warranty period), and for requesting safety checks or taking out a service contract, please contact our service hotline on:
Tel: +44 1785 22 70-90 info@asecos.co.uk
PRILOGA 1: TEHNIČNA RISBA

Abluft = exhaust air • Zuluft = supply air

Q-LINE

Q15.195.116
Q30.195.116
Q15.195.056 | Q15.195.056.R
Q30.195.056 | Q30.195.056.R

S/LINE

S15.197.120(WDAS)
S30.197.120(WDAS)

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<td>Carga máx. envase de retención y cajón</td>
<td>Grandezza max. del recipiente vasca di raccolta sul fondo e cassetto</td>
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<td>Volumen und Druckverlust bei 10fachen Luftwechsel Air Flow and Pressure Loss at 10times Air change</td>
<td>volume en drukverlies bij 10-voudige luchtverversing</td>
<td>Volume et perte de pression avec un taux de renouvellement de l’air de 10</td>
<td>Volumen y caída de presión con renovación de aire de 10 veces</td>
<td>Volume e perdita di pressione con decadimento dell'aria</td>
<td>Volume e perda de pressão até 10 vezes a renovação de ar</td>
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<td>50</td>
<td>—</td>
<td>14,5</td>
<td>—</td>
</tr>
<tr>
<td>300</td>
<td>278</td>
<td>30</td>
<td>—</td>
<td>22</td>
<td>—</td>
<td>20</td>
</tr>
<tr>
<td>300</td>
<td>240</td>
<td>—</td>
<td>50+50</td>
<td>—</td>
<td>11+7</td>
<td>—</td>
</tr>
<tr>
<td>300</td>
<td>240</td>
<td>30</td>
<td>50</td>
<td>17</td>
<td>7</td>
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<tr>
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<td>260</td>
<td>30</td>
<td>60</td>
<td>36</td>
<td>33</td>
<td>32,72</td>
</tr>
<tr>
<td>300</td>
<td>475</td>
<td>—</td>
<td>50</td>
<td>—</td>
<td>25</td>
<td>—</td>
</tr>
<tr>
<td>300</td>
<td>475</td>
<td>30</td>
<td>—</td>
<td>13,5</td>
<td>—</td>
<td>12,27</td>
</tr>
<tr>
<td>300</td>
<td>307</td>
<td>—</td>
<td>50</td>
<td>—</td>
<td>25</td>
<td>—</td>
</tr>
</tbody>
</table>
**Calculation:**

- **Working area:** \(1200 \text{ mm} \times (615+1000) \text{ mm}\)
- **Load:** 600 kg
- **Cabinet weight:** 424 kg

**Example Q90.195.120:**

- **Cabinet weight:** 424 kg
- **Load:** 600 kg
- **Working area:** \(1200 \text{ mm} \times (615+1000) \text{ mm}\)

**Example Calculation:**

\[
\text{Surface area} = 1200 \text{ mm} \times (615+1000) \text{ mm} = 1938 \text{ m}^2
\]

\[
\text{负荷} = \frac{424+600 \text{ kg}}{1938 \text{ m}^2} = 0.214 \text{ kg/m}^2
\]

**Example Note:**
- *The surface load is given by the total weight of the cabinet (empty cabinet including load) divided by its working area. This is calculated from the width of the cabinet multiplied by the depth (sum of depth of the cabinet and 1000 mm of traffic area in front of it).*

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**Example Q90.195.120:**

- **Poids de l’armoire:** 424 kg
- **Chargement:** 600 kg
- **Surface utile:** \(1200 \text{ mm} \times (615+1000) \text{ mm}\)

**Calcul:**

\[
\text{Surface utile} = 1200 \text{ mm} \times (615+1000) \text{ mm} = 1938 \text{ m}^2
\]

\[
\text{Charge} = \frac{424+600 \text{ kg}}{1938 \text{ m}^2} = 0.214 \text{ kg/m}^2
\]

**Example Note:**
- *La charge superficielle se calcule à partir du poids total de l’armoire (l’armoire vide et son contenu) divisé par sa surface utile. Cette dernière est le produit de la largeur de l’armoire multipliée par sa profondeur (somme de la profondeur de l’armoire et de la zone de circulation de 1.000 mm devant cette dernière).*
### Cálculo:

**Superficie de ocupación:** 1200 mm \times (615+1000) mm

**Peso del armario:** 424 kg

**Carga:** 600 kg

**Área de aplicación:** 1200 mm \times (615+1000) mm

**Cálculo:**

\[
\text{Superficie de ocupación} = 1200 \text{ mm} \times (615+1000) \text{ mm}
\]

\[
\text{Carga} = 600 \text{ kg}
\]

\[
\text{Área de aplicación} = 1200 \text{ mm} \times (615+1000) \text{ mm}
\]

**Cálculo:**

\[
\frac{424+600 \text{ kg}}{1,2 \text{ m} \times 1,65 \text{ m}} = \frac{1024 \text{ kg}}{1,938 \text{ m}^2} = 529 \text{ kg/m}^2
\]

---

### Cálculo:

**Superficie útil:** 1200 mm \times (615+1000) mm

**Peso del armario:** 424 kg

**Carga:** 600 kg

**Cálculo:**

\[
\text{Superficie útil} = 1200 \text{ mm} \times (615+1000) \text{ mm}
\]

**Cálculo:**

\[
\frac{424+600 \text{ kg}}{1,2 \text{ m} \times 1,65 \text{ m}} = \frac{1024 \text{ kg}}{1,938 \text{ m}^2} = 529 \text{ kg/m}^2
\]

---

### EJEMPLO Q90.195.120:

**Peso del armario:** 424 kg

**Carga:** 600 kg

**Área de aplicación:** 1200 mm \times (615+1000) mm

**Cálculo:**

\[
\frac{424+600 \text{ kg}}{1,2 \text{ m} \times 1,65 \text{ m}} = \frac{1024 \text{ kg}}{1,938 \text{ m}^2} = 529 \text{ kg/m}^2
\]

---

### EJEMPLO Q90.195.120:

**Peso del armario:** 424 kg

**Carga:** 600 kg

**Área de aplicación:** 1200 mm \times (615+1000) mm

**Cálculo:**

\[
\frac{424+600 \text{ kg}}{1,2 \text{ m} \times 1,65 \text{ m}} = \frac{1024 \text{ kg}}{1,938 \text{ m}^2} = 529 \text{ kg/m}^2
\]
Ihr Fachhändler:
Your partner:
Uw partner:
Votre partenaire:
Su distribuidor:
su richiesta: