

Chemicals cabinet



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1. General instructions

1.1. Key and explanation of symbols

The following safety symbols are used in this user manual. These symbols warn the reader to take note of the associated safety advice.



This symbol indicates that there is a danger to life and a risk of injury.



This symbol indicates that there is a risk of damage to machinery, equipment or the environment.



This symbol indicates something that is forbidden.



This symbol identifies information which is useful for gaining a better understanding of the product and how to use it properly.

1.2. Basic safety instructions

Keep this user manual in a safe place. It is intended to be used in a practical way and should be available to the user in the place where the equipment is used.

This user manual is for chemicals cabinets. It contains all the information needed regarding correct installation, trouble-free operation, maintenance, removal from service and disposal. The instructions in this user manual must be carefully followed and adhered to.

All those involved in the installation, operation, maintenance and repair of the product must have read and understood this user manual and have been trained in its use.



All applicable national laws and regulations concerning the handling of hazardous substances must be followed along with the instructions in this user manual.



Resistance requirements can alter in practice, since substances are only rarely found in their purest form. In order to be sure, we recommend a resistance test is carried out under operating conditions in every case.



The chemicals cabinet may only be used if it is in good operating condition. Only use the cabinet after receiving instruction. Unauthorised persons may not use the equipment..



Ensure the doors can always be opened without obstruction. Keep the doors closed.



Observe the limits for storage and loading. Technical data can be found on the identification plate.



Any leaked hazardous materials must be cleared immediately and removed.



Expert and **Comfort** cabinets must be secured to a wall with the supplied mounting kit.

These models are fitted with a safety device which prevents several shelves or sumps being pulled out at once.



Containers for aggressive chemicals (acids and alkalis) must be placed into special acid or alkali cabinets or compartments. Ensure sufficient technical ventilation is provided.

2. Intended use of the equipment

The chemical cabinets are designed in accordance with TRGS 510 for the approved secure storage of water-polluting, non-flammable liquids and poisonous substances in working areas.



Storage of flammable liquids and similar hazardous substances is not permitted.

Depending on model, the storage space is designed for small containers or a maximum of 2 x 205 litre drums.

The **Indigo** chemicals cabinet is made from stainless steel (1.4301) and is suitable for the hazmat storage of aggressive chemicals or use in hygiene areas. The Indigo cabinet benefits from long term protection from corrosion and can be used in damp areas and wet rooms.

The following resistance table should be observed for the **Expert** dispensing cabinet:

	Plastic tap	Brass tap
water	●	
weak acid	●	
strong acid	○	
hydrofluoric acid	○	
organic acid	○	
weak alkali	●	
strong alkali	●	
inorganic salts	●	
alkane		●
alcohols	●	
ether	○	
ester	○	
ketone	○	
aldehyde	○	○
amine	●	
aromatic compounds		
fuels	○	○
mineral oil	○	●
fats, oils	○	●

- suitable
- suitable under certain conditions - individual test recommended

3. Product description

3.1 Construction

- sturdy sheet steel construction
- doors with security lock
- air exchange via ventilation grilles in the doors
- connection option for extraction fan
- Technical data can be found on the cabinet identification plate

3.2 Fittings

Expert dispensing cabinet

- wing doors with security lock
- 1 inlay shelf
- 3 slide-out shelves for 3x 20l or 5x 10l canisters
- safety device prevents more than one shelf being pulled out at once
- slide out sump
- wall mounting kit for securing to the wall

Easy chemicals cabinet

- wing doors with security lock
- 3 inlay shelves, height-adjustable in 25 mm increments
- 1 sump
- optional: Perforated sump insert

Protect chemicals cabinet

- wing doors with security lock
- 2 heights available
- 1 or 3 sumps, height-adjustable in 25 mm increments
- 1 sump
- optional: Perforated sump insert

Space chemicals cabinet

- sliding doors with security lock
- available with or without partition
- 3 sumps, height-adjustable in 25 mm increments
- 1 sump
- optional: Perforated sump insert

Drum-Store chemicals cabinet

- wing doors with security lock
- stores max. 2 x 205 litre drums
- 1 sump with galvanised grid
- optional: Inlay sump for storing small items

Comfort chemicals cabinet

- wing doors with security lock (1 or 2 doors, depending on width)
- 2 widths available
- 3 removable sumps, height-adjustable in 25 mm increments
- 1 removable sump
- optional: Perforated insert for sumps and base sump
- safety device prevents more than one shelf being pulled out at once
- wall mounting kit for securing to the wall

Chemical cabinet View

- wing doors with security lock and acrylic glass doors
- 3 height adjustable drip trays 25 mm
- 1 sump
- optional: perforated insert for sump

Chemical storage cupboard Smart

- wing doors with security lock
- ideal for the storage of containers up to 20 litres
- 6 drip trays narrow height adjustable in 25 mm
- 1 sump
- optional: perforated insert for sump

Indigo chemicals cabinet

- stainless steel 1.4301
- wing doors
- available as a wall mounted or tall cabinet
- 3 height adjustable shelves and 1 sump
- optional: 4 height adjustable sumps
- optional: Perforated insert for sumps and base sump
- safety device prevents more than one shelf being pulled out at once
- wall mounting kit for securing to the wall

3.3 Security lock

All cabinets are lockable. The lock is either in the door handle or the door.



Ensure that the cabinet is safely locked after each use.

3.4 Air exchange

Air exchange is normally via ventilation grids or openings in the door(s). In addition, cabinets can also be connected to a technical air extraction system. An opening for connecting a ventilation unit (NW 75) is provided at the top of the cabinet. This opening is sealed when the cabinet is delivered.



If volatile chemicals are to be stored, it is recommended that technical ventilation be fitted to protect workers.

4. Assembly

The cabinet must be assembled at the location where it is to be installed and it must be level. The door(s) must be correctly aligned in relation to the body of the cabinet.



After assembling the cabinet, check the doors open and lock correctly.

Expert and **Comfort** cabinets must be secured to a wall with the supplied mounting kit.

5. Maintenance and repair

Part	Action	Check
Sump	clear of any leaked liquids	once per week
Grid	check	once per year
Grid mounting	check	once per year
Inlay sump	check for damage, especially where the sump fits into the cabinet	once per year
Removable shelves	check guides	once per year



Repair any faults immediately (screws, damage to paintwork, deformation and general damage)

6. Removal from service



In the case of damage, decommission the storage system and label accordingly.

7. Disposal

The chemicals cabinet comprises different components and parts which must be disposed of or recycled according to local and legal regulations.



Clean the components thoroughly before disposal to remove any hazardous material residue.

Disassemble the individual components of the chemicals cabinet and group the components as follows:

- Steel
- Aluminium
- Non-ferrous metals
- Plastics

Process the separated components through approved disposal and recycling channels.