4 Storage cupboards

Our ***SCALA*** laboratory furniture system provides a vast selection of storage variants for fast access and safe storage.

All storage cupboards can be variably equipped and provide optimum space utilisation in all areas of the laboratory.

Designed with a high quality appearance and manufactured to Waldner's high quality requirements.

The laboratory cabinets can be expanded, upgraded and, of course, are compatible – for straightforward adaptation to new requirements.

We place maximum value on durability. Even after thousands of load changes, hinges, pull-out rails and surfaces must not weaken. First-class materials which are carefully processed are sure to guarantee long durability.

Apart from laboratory cabinets, suspended cabinets, top-mounted cabinets, underbench units and pull-out cabinets, we have special cabinets for the safe storage of typical laboratory items such as solvents, acids, alkalis and gas cylinders as well as for the disposal of chemicals.

4 Storage cupboards

Large number of variants

For maximum flexibility in the laboratory, we offer a large variety of cabinet and underbench unit variants. Push-in underbench units, either movable or on plinth, easily fit under C-frame, H-frame and cantilever frames, or under fume cupboards with their own supporting structure.

Suspended underbench units are integrated directly under the worktop or as movable variants in cantilever frames.

Design and function go together

The aluminium die-cast handles without joints are resistant to chemicals and easy to clean. Special highlights in laboratory design can be set by using walnut veneer fronts. Our overbench cabinets are fastened to the service spine or wall without a visible gap.

More mobility in the laboratory

Equipped with four smooth running swivelling castors – two of which can be locked – our movable underbench units can be simply pushed into the support frame of add-on tables or laboratory benches. The castor height is also harmonised and flush with the plinth height of our fixed cabinets.

More safety details

Due to the self-locking protection and change-pull-out catch of the drawers, our movable underbench units will not tilt over. Our top-mounted cabinets are fitted with a rail on the inside for safely securing a ladder.

More usable storage space

With a depth of 550 mm for the underbench units and 500 mm drawer depth, the storage space is used to full capacity. The best solution offered in the market. We have also expanded the usable storage space of corner cabinets by implementing new fittings.

Surfaces and edges are optimally protected

The melamine resin coated surfaces are easy to clean and robust against the effects in the laboratory. The front edges on the carcass and on the shelves are equipped with impact-resistant 2 mm polypropylene edges. Furthermore, the foil-coated plinths for our furniture are made of water-proof bonded coated lumber-core plywood board.

Optimal positioning

Due to four height-adjustable feet, our laboratory cabinets and underbench units on plinth can be set up straight and steady.

Fully extensible drawers with hidden roller rails

The double-wall steel frame with hidden roller rails is more robust, protected against soiling and thus runs a lot easier than single wall frames with open roll rails. Our standard fully-extensible drawers ensure a clear overview of their contents. Soft-closing on request.

Safety for problematic substances

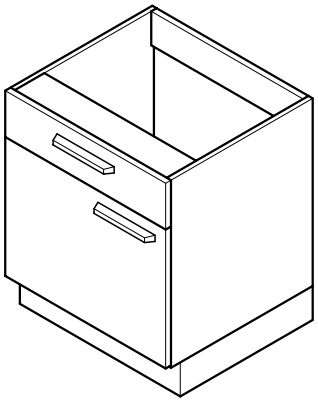
Our safety cabinets for gases, acids, alkalis and flammable liquids meet the highest requirements on material properties and function. Of course the cabinets comply with the current standards.

Underbench units
Underbench unit on plinth

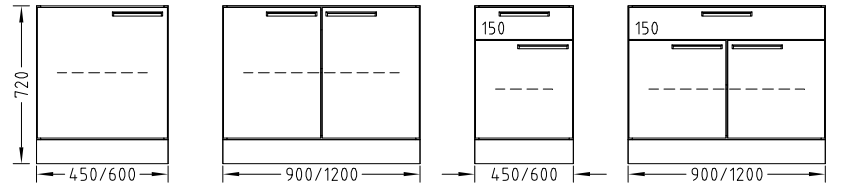
Intended use

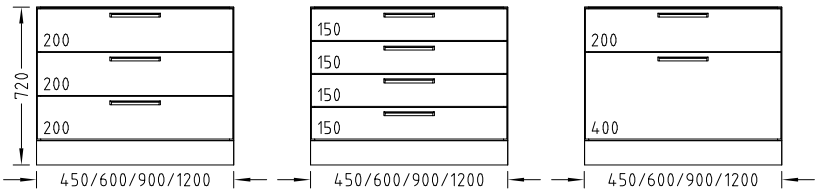
- For storing equipment and chemicals in acc. with EN 14727
- For working heights of 750 mm and 900 mm
- Not suitable for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

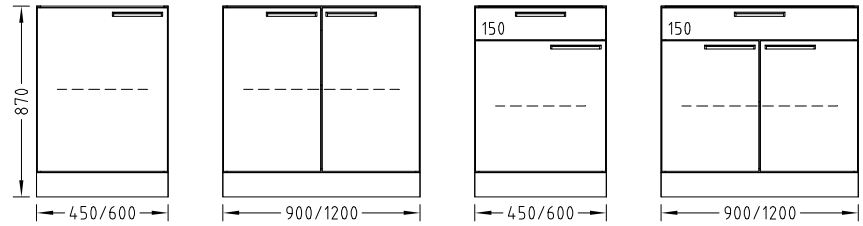
Design

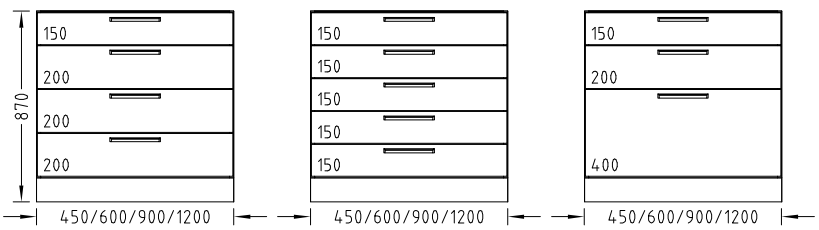


Variants









Underbench units
Underbench unit on plinth

Technical data

Dimensions				
Width [mm]	450	600	900	1200
Depth [mm]	550			
Overall height [mm]	720 870			
Height, drawers [mm]	150 200 400 Combination possibilities see variants			
Height, plinth [mm]	110			

Load bearing capacity	
Per shelf/drawer [kg]	30

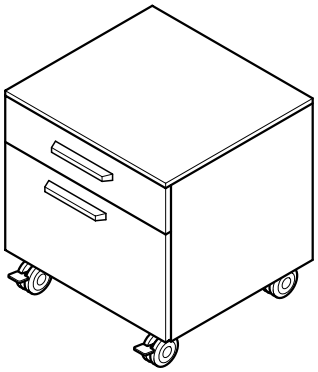
Design characteristics	
Construction	For working height 750 and 900 mm Hinged doors with 270° hinges Drawers, fully extensible Open at the top, rear panel can be removed Shelf, height-adjustable Without doors as a rack 4 height-adjustable feet
Combination possibilities	See variants
Handle	Handle bar *SCALA* U handle, stainless steel
Drawers with change-pull-out catch	Optional
Full-height drawers	Optional
Soft stop for drawer	Optional
Extract air spigot	Optional
Closing	Optional

Underbench units
Underbench unit on castors

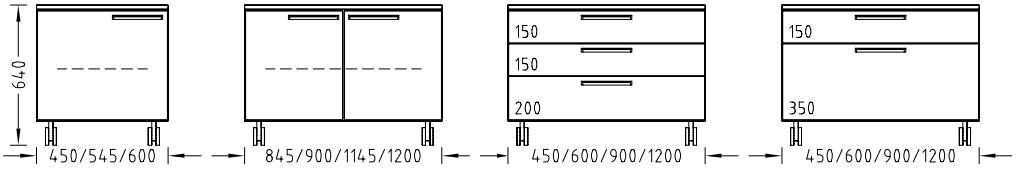
Intended use

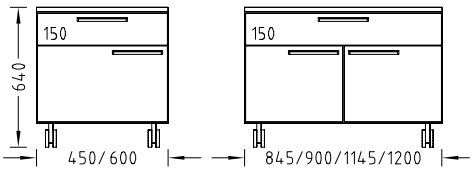
- For storing equipment and chemicals flexibly in acc. with EN 14727
- For working heights of 750 mm and 900 mm
- Not suitable for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

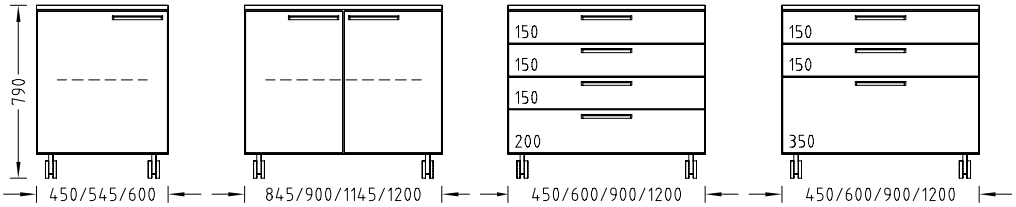
Design

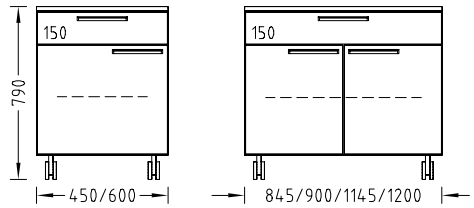


Variants









Technical data

Dimensions							
Width [mm]	450	545	600	845	900	1145	1200
Depth [mm]	550						
Overall height [mm]	640 790						
Height, drawers [mm]	150 200 350 Combination possibilities see variants						
Height, castors [mm]	110						

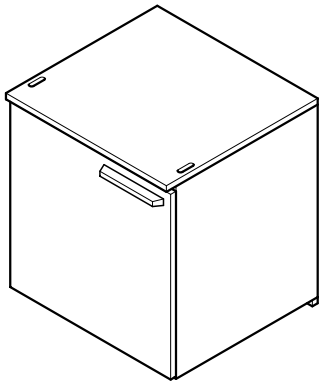
Load bearing capacity	
Per shelf/drawer [kg]	30
Per castor [kg]	70

Design characteristics	
Construction	For working height 750 and 900 mm Hinged doors with 270° hinges Drawers, fully extensible and with change-pull-out catch Shelf, height-adjustable Without doors as a rack Covered at the top, rear panel permanently connected with the carcass 4 swivelling castors, front castors can be locked
Combination possibilities	See variants
Handle	Handle bar *SCALA* U handle, stainless steel
Soft stop for drawer	Optional
Closing	Optional

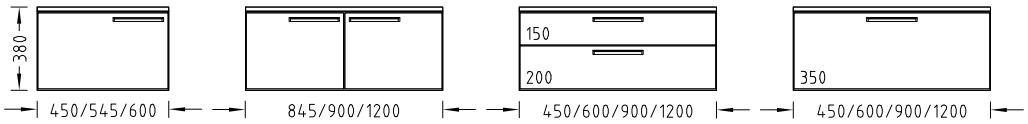
Underbench units
Suspended underbench unit

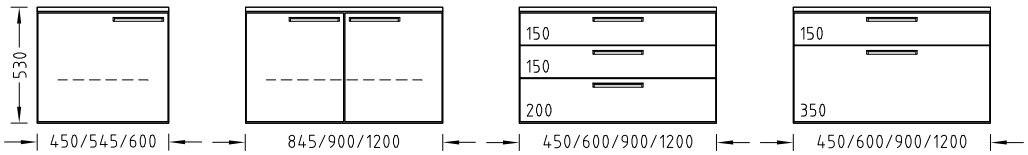
Intended use
- For storing equipment and chemicals flexibly in acc. with EN 14727
- For working heights of 750 mm and 900 mm
- Not suitable for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

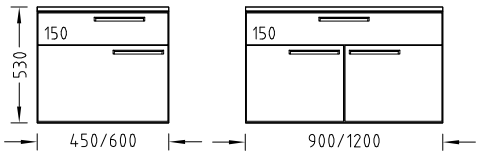
Design



Variants







Technical data

Dimensions							
Width [mm]	450	545	600	845	900	1145	1200
Depth [mm]	500 (depth of frame 572) 550 (depth of frame 672)						
Height [mm]	380 530						
Height, drawers [mm]	150 200 350 Combination possibilities see variants						

Load bearing capacity	
Per shelf/drawer [kg]	30

Design characteristics	
Construction	For working height 750 and 900 mm 2 fittings for attaching to the profile rail of the bench frame Hinged doors with 270° hinges Drawers, fully extensible Covered at the top, rear panel permanently connected with the carcass Shelf, height-adjustable For C-frame/cantilever bench frame: Can be moved to the sides until it protrudes over the bench grid Hinged doors with 1 shelf at a height of 530 mm At a height of 530 mm without doors as a rack with 1 shelf
Combination possibilities	See variants
Handle	Handle bar *SCALA* U handle, stainless steel
Drawers with change-pull-out catch	Optional
Soft stop for drawer	Optional
Closing	Optional

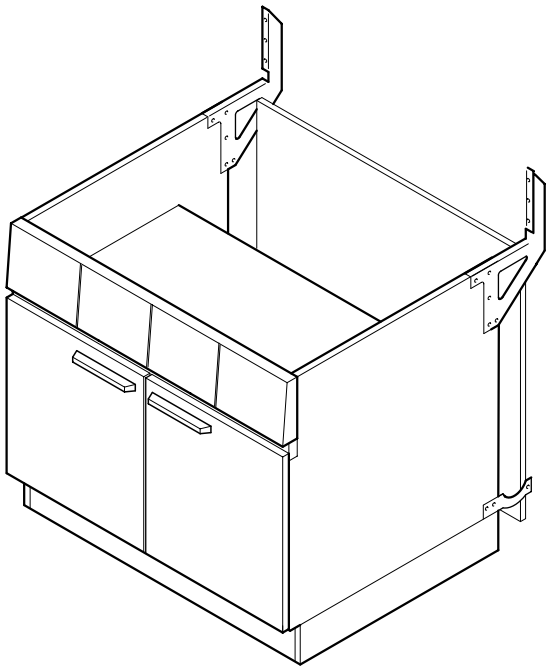
Underbench units
Self-supporting underbench unit for fume cupboards

Intended use

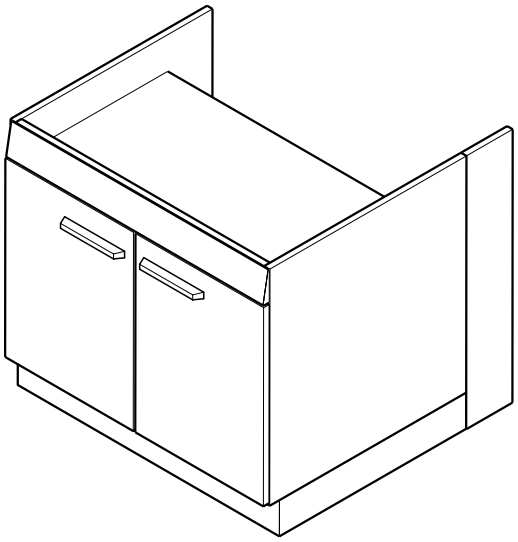
- For storing equipment and chemicals in acc. with EN 14727
- For fume cupboards with rear panel installation and for fume cupboards with side installation
- Not suitable for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

Design

For fume cupboards with rear panel installation



For fume cupboards with side installation

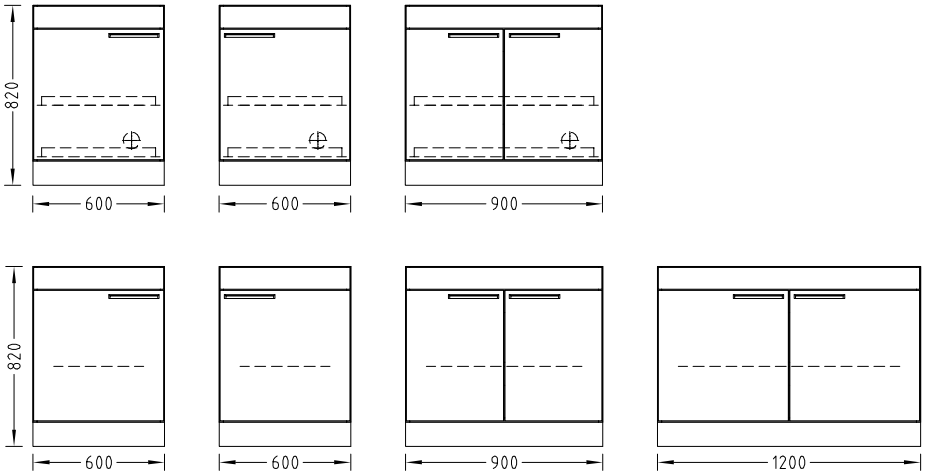


Underbench units
Self-supporting underbench unit for fume cupboards

Variants

For fume cupboards with rear panel installation

For fume cupboards with side installation



Underbench units
Self-supporting underbench unit for fume cupboards

Technical data

Dimensions			
Width [mm]	600	900	1200
Depth [mm]	550		
Overall height [mm]	820		
Height, plinth [mm]	110		

Load bearing capacity	
Per shelf [kg]	30

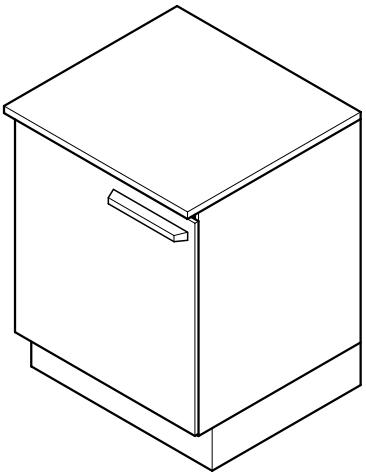
Design characteristics	
Construction	Hinged doors with 270° hinges Service panel above the storage cupboard for fume cupboards with rear panel installation Closed at the top, rear panel can be removed Shelf, height-adjustable 4 height-adjustable feet
Combination possibilities	See variants
Full-height drawers	Optional
Extract air spigot	Optional
Underbench exhaust	Optional
Acid and alkali equipment	Optional
Closing	Optional
Handle	Handle bar *SCALA* U handle, stainless steel

Push-in underbench unit for fume cupboards

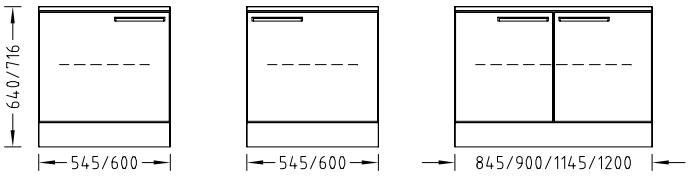
Intended use

- For storing equipment and chemicals in acc. with EN 14727
- For fume cupboards with rear panel installation and for fume cupboards with side installation on a steel support frame
- Not permitted for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not permitted for storing acids and alkalis

Design



Variants



Technical data

Dimensions						
Width [mm]	545	600	845	900	1145	1200
Depth [mm]	550					
Overall height [mm], push-in underbench unit for bench-mounted fume cupboards with rear panel installation	640					
Overall height [mm], push-in underbench unit for bench-mounted fume cupboards with side installation	716					
Height, plinth [mm]	110					

Load bearing capacity	
Per shelf [kg]	30

Design characteristics	
Construction	Hinged doors with 270° hinges Closed at the top, rear panel can be removed Shelf, height-adjustable 4 height-adjustable feet
Combination possibilities	See variants
Handle	Handle bar *SCALA* U handle, stainless steel
Full-height drawers	Optional
Extract air spigot	Optional
Underbench exhaust	Optional
Closing	Optional

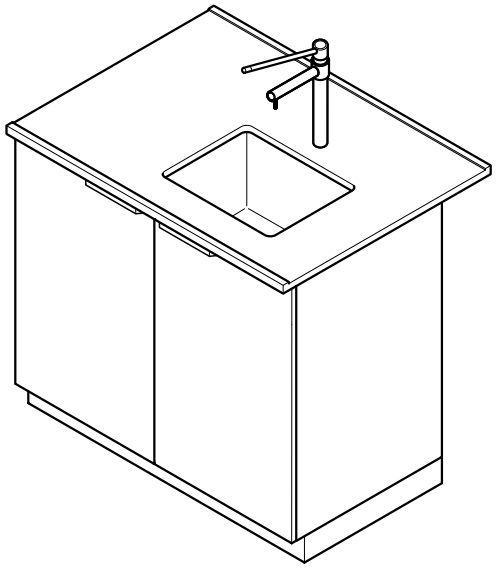
Underbench units
Underbench unit for sinks

Intended use

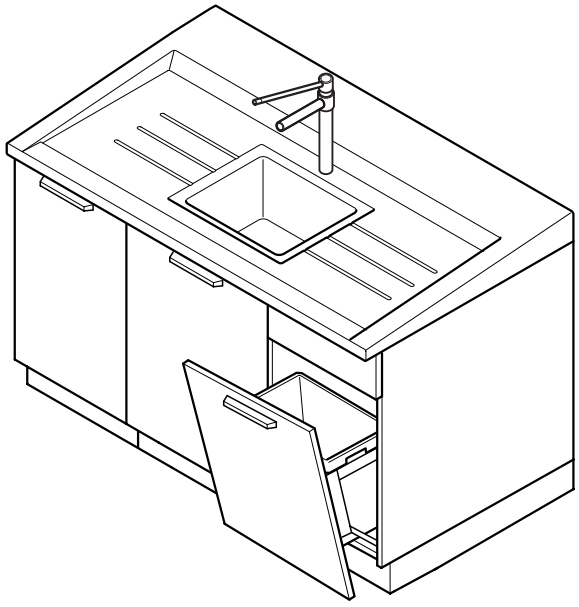
- As an underbench unit for sinks for storing equipment and chemicals in acc. with EN 14727
- Not suitable for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

Design

Sink with underbench unit for service spines or wall benches

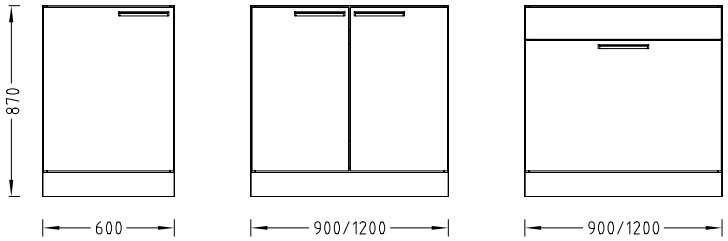


End sink for double benches

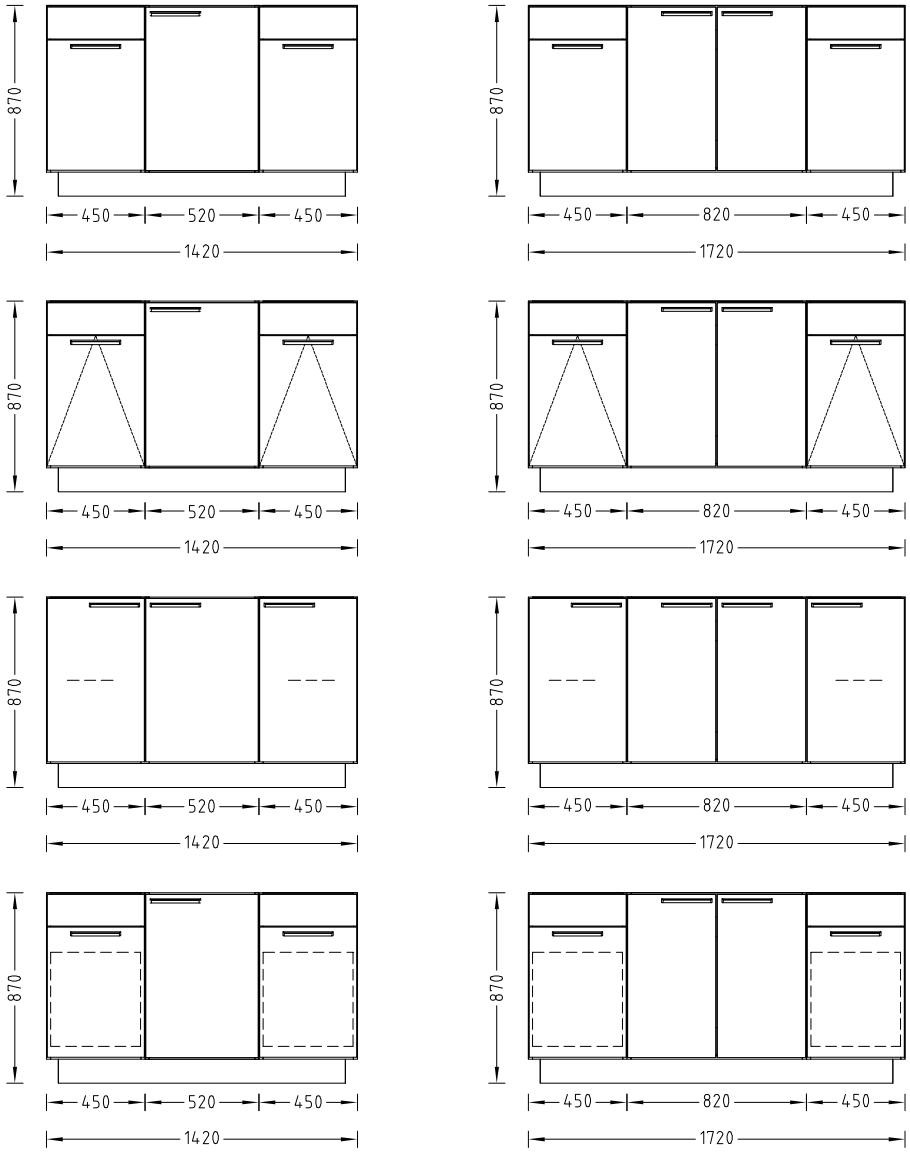


Variants

Sink with underbench unit for service spines or wall benches



End sink for double benches



Underbench units
Underbench unit for sinks

Technical data

Dimensions					
Width [mm]	600 [1]	900 [1]	1200 [1]	1420 [2]	1720 [2]
Depth [mm]	550			700	
Overall height [mm]	870				
Height, plinth [mm]	110				

[1] For sinks on service spines or wall benches

[2] For end sinks

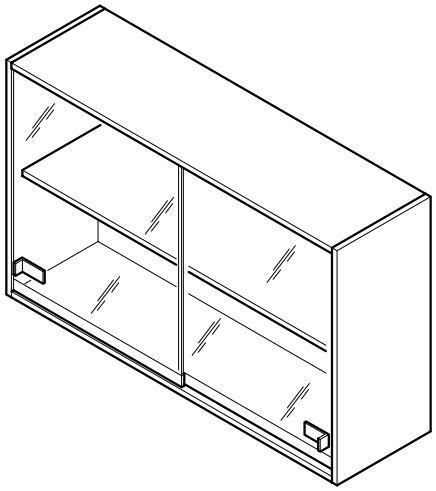
Load bearing capacity	
Per shelf/drawer [kg]	30

Design characteristics	
Construction	Hinged doors with 270° hinges 4 height-adjustable feet Inclined swivel door with waste bin 30 l Waste bin 2 x 15 l with full-height drawer Waste bin 2 x 35 l with full-height drawer Hinged door(s), full-height drawer Combination possibilities see variants
Handle	Handle bar *SCALA* U handle, stainless steel
Closing	Optional

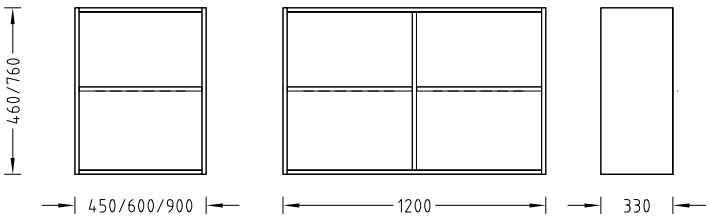
Intended use

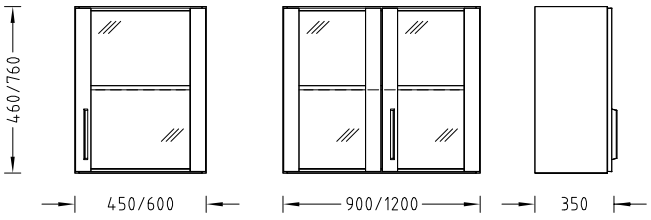
- For storing equipment and chemicals in acc. with EN 14727
- Not permitted for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not permitted for storing acids and alkalis

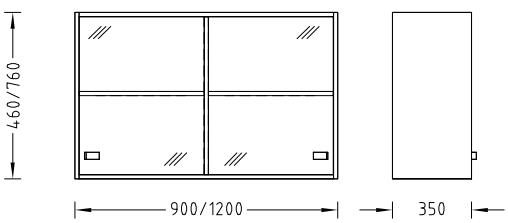
Design



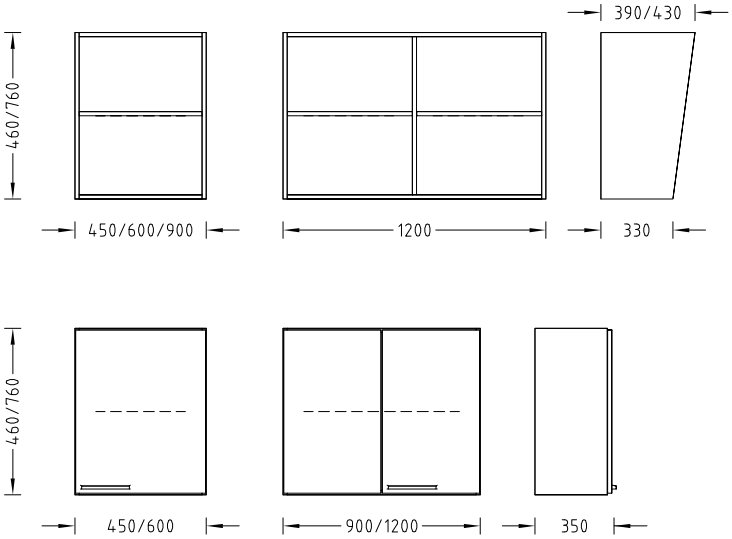
Variants







Overbench cabinets
Overbench cabinet



Technical data

Dimensions				
Width [mm]	450	600	900	1200
Depth [mm]	350			
Height [mm]	460 760			

Load bearing capacity	
Per shelf [kg]	30
Load bearing capacity, total [kg]	60

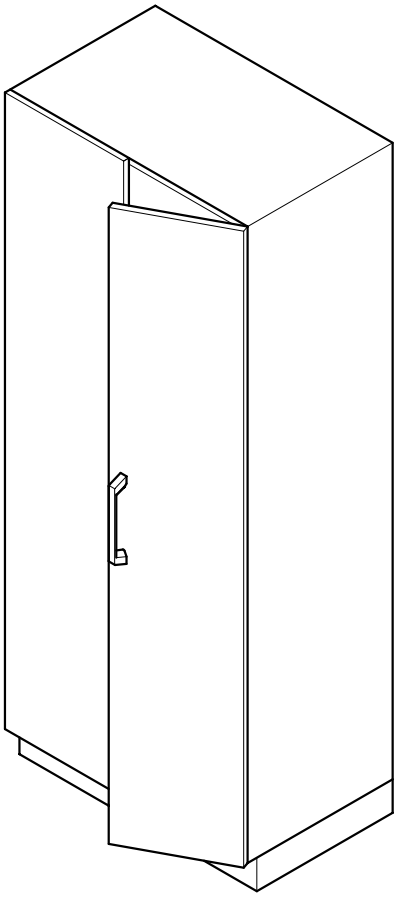
Design characteristics	
Construction	Height-adjustable fitting for fastening to the wall or to the service spine For a width of 1200 mm with central panel Shelf, height-adjustable
Combination possibilities	See variants
Handle	U handle *SCALA* U handle, stainless steel Glass sliding door with affixed plastic handle
Rack with inclined side walls	Optional
Closing	Optional

Laboratory cabinet

Intended use

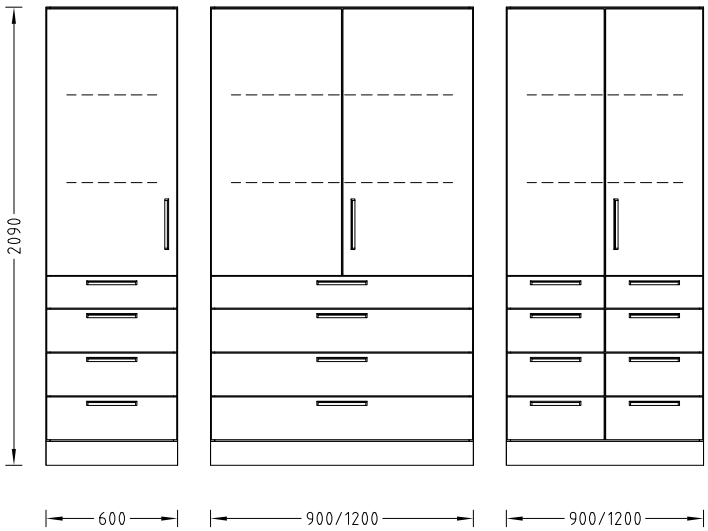
- For storing equipment and chemicals in acc. with EN 14727
- Not permitted for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not permitted for storing acids and alkalis

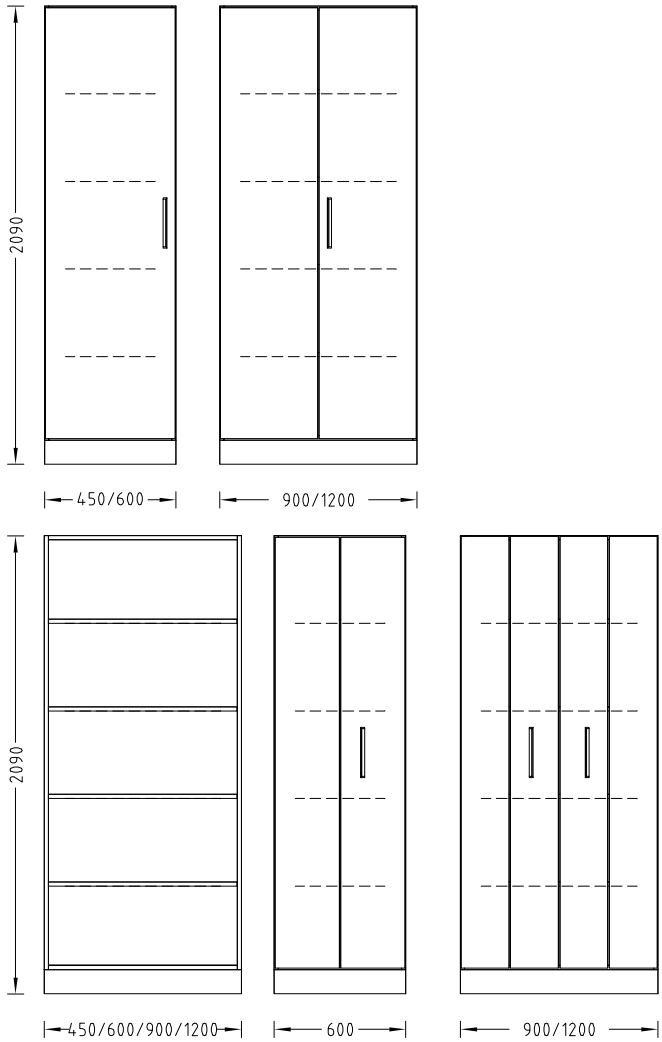
Design



Laboratory cabinets
Laboratory cabinet

Variants




2090
450/600
900/1200
2090
450/600/900/1200
600
900/1200

Laboratory cabinets
Laboratory cabinet

Technical data

Dimensions				
Width [mm]	450	600	900	1200
Depth [mm]	350 550			
Overall height [mm]	2090			
Height, plinth [mm]	110			

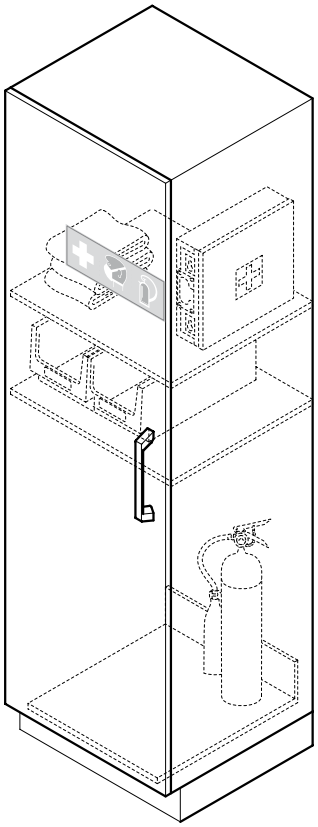
Load bearing capacity	
Per shelf [kg]	30

Design characteristics	
Construction	Hinged doors with 270° hinges Shelves, height-adjustable Drawers, fully extensible 4 height-adjustable feet
Combination possibilities	See variants Drawers only with a depth of 550 mm
Handle	U handle *SCALA* U handle, stainless steel
Shelves, extendable	Optional (with a cabinet depth of 550 mm)
Drawers	Optional (with a cabinet depth of 550 mm)
Soft stop for drawer	Optional
Extract air spigot	Optional
Closing	Optional

Intended use

- For storing protection and rescue materials (fire extinguisher, first aid case, etc.)
- Not permitted for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not permitted for storing acids and alkalis

Design



Technical data

Dimensions	
Width [mm]	600
Depth [mm]	350 550
Overall height [mm]	2090
Height, plinth [mm]	110

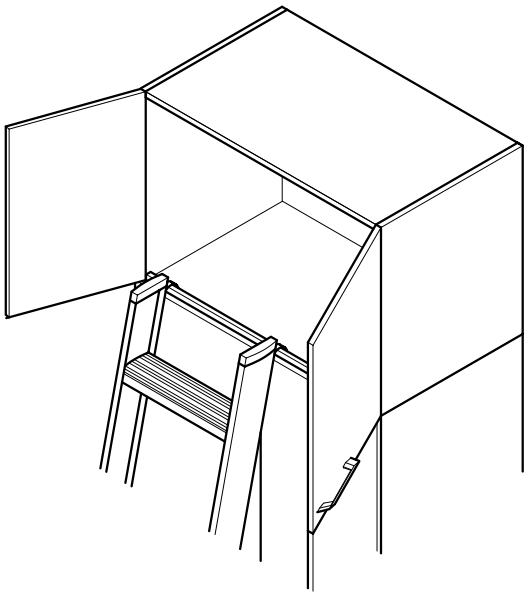
Design characteristics	
Construction	Hinged door with 270° hinges 4 shelves, height-adjustable 4 height-adjustable feet
Equipment	First aid case Fire extinguisher, 5 kg Sand boxes Shovel Fire blankets

Top-mounted cabinets
Top-mounted cabinet

Intended use

- For storing equipment and chemicals in acc. with EN 14727
- Only suitable as a permanently installed top part on the following Waldner cabinets: Laboratory cabinet, pull-out cabinet, emergency cabinet and acids and alkalis cabinet
- Not permitted for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not permitted for storing acids and alkalis

Design



Technical data

Dimensions				
Width [mm]	450	600	900	1200
Depth [mm]	350 550			
Height [mm]	610 760			

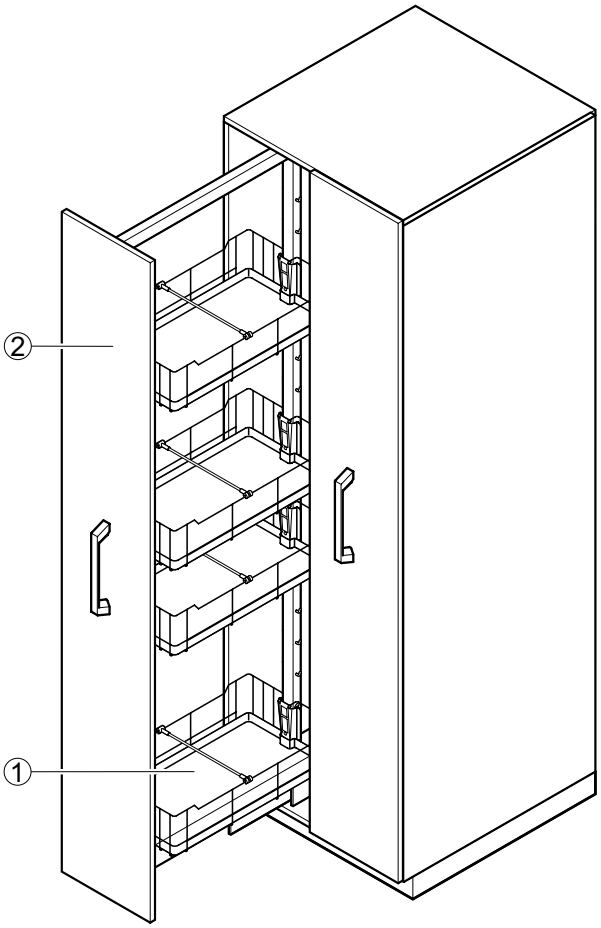
Load bearing capacity	
Per shelf [kg]	30

Design characteristics	
Construction	With integrated rail for securing a ladder For laboratory cabinets with or without extract air spigot 1 shelf, height-adjustable Hinged doors
Handle	U handle *SCALA* U handle, stainless steel
Hook ladder	Optional
Closing	Optional

Intended use

- For storing liquid or solid substances in suitable containers in acc. with EN 14727
- Not permitted for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances
- Not permitted for storing acids and alkalis

Design



1 Wire basket with tray
2 Pull-out

Pull-out cabinets
Pull-out cabinet

Technical data

Dimensions		
Width [mm]	600	900
Depth [mm]	550	
Overall height [mm]	2090	
Height, plinth [mm]	110	
Tray, width x depth x height [mm]	240 x 425 x 40	

Load bearing capacity	
Per drawer [kg]	120
Per tray [kg]	10

Design characteristics	
Construction	5 wire baskets with trays for each drawer, height-adjustable Fastened to the wall 4 height-adjustable feet Drawer doors with drawers accessible from both sides
Handle	U handle *SCALA* U handle, stainless steel
Soft stop for drawers	Optional
Compartment partitioning	Optional
Extract air spigot	Optional
Closing	Optional

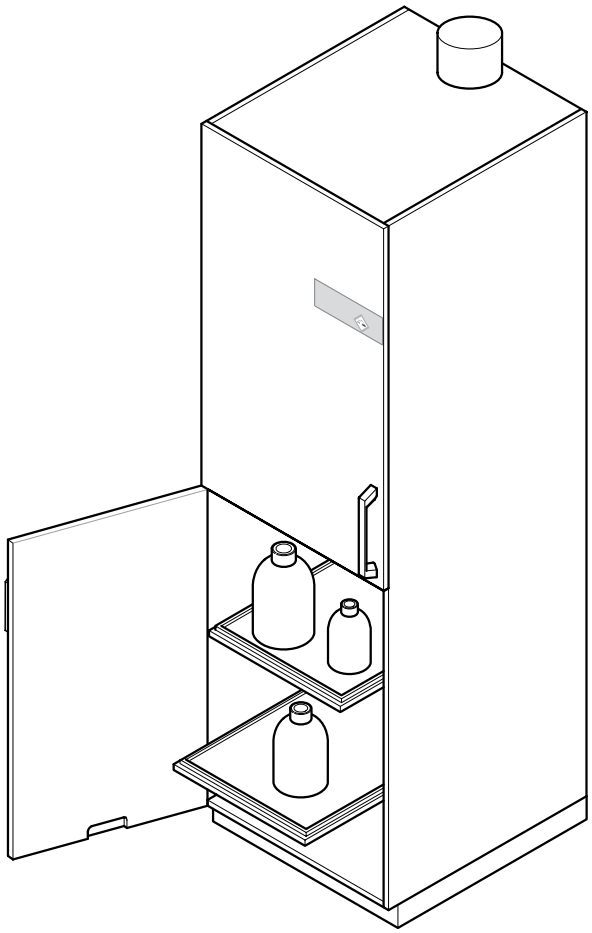
Material	
Tray	Polyethylene

Laboratory cabinet for storing acids and alkalis

Intended use

- For storing limited amounts of flammable acids and alkalis
- Not suitable for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances

Design



Special cabinets
Laboratory cabinet for storing acids and alkalis

Technical data

Dimensions	
Width [mm]	600
Depth [mm]	550
Overall height [mm]	2090
Height, plinth [mm]	110

Load bearing capacity	
Per shelf, height-adjustable [kg]	30
Per pull-out shelf [kg]	20

Design characteristics	
Construction	Connection to the permanently active ventilation system 4 shelves, fixed or pull-out 4 height-adjustable feet Separate compartments for acids and alkalis Trays made of polypropylene Coated fittings Hinged doors
Handle	U handle *SCALA* U handle, stainless steel

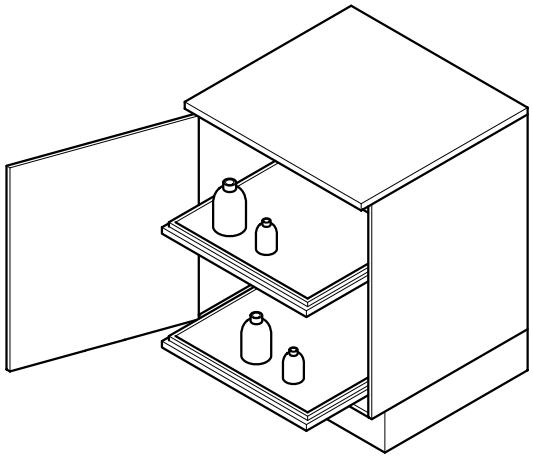
Ventilation data	
Air exchange rate [m³/h]	100
Ventilation connection Ø [mm]	90/110
Connection height extract air spigot [mm]	2176

Underbench safety unit for fume cupboards for storing acids and alkalis

Intended use

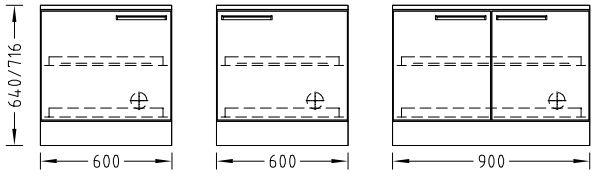
- Push-in or self-supporting underbench unit for bench-mounted fume cupboards for storing limited amounts of acids and alkalis
- Not suitable for storing flammable liquids, gas cylinders and self-igniting or self-decomposing substances

Design

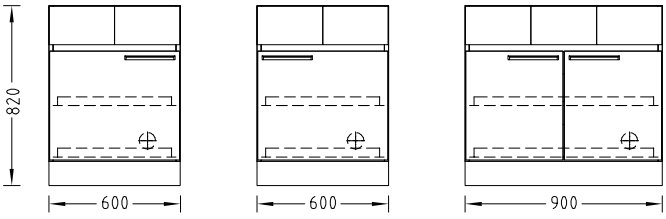


Variants

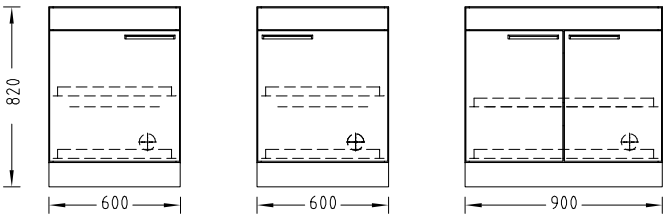
Push-in underbench units



Self-supporting underbench units for fume cupboards with rear panel installation



Self-supporting underbench units for fume cupboards with side installation



Special cabinets
Underbench safety unit for fume cupboards for storing acids and alkalis

Technical data

Dimensions		
Width [mm]	600	900
Depth [mm]	550	
Overall height [mm], push-in underbench units for bench-mounted fume cupboards with rear panel installation	640	
Overall height [mm], push-in underbench units for bench-mounted fume cupboards with side installation	716	
Overall height [mm], self-supporting underbench units for bench-mounted fume cupboards with rear panel/side installation	820	
Height, plinth [mm]	110	

Load bearing capacity	
Extendable shelf [kg]	20

Design characteristics	
Construction	Connection to the permanently active ventilation system 4 height-adjustable feet Coated fittings 2 extendable shelves with trays Hinged doors Combination possibilities see variants
Handle	Handle bar *SCALA* U handle, stainless steel

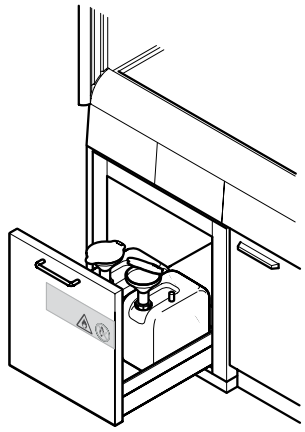
Ventilation data	
Air exchange rate [m³/h]	30
Ventilation connection to the ascending duct Ø [mm]	90

FWF 90 underbench safety unit for fume cupboards for storing flammable liquids

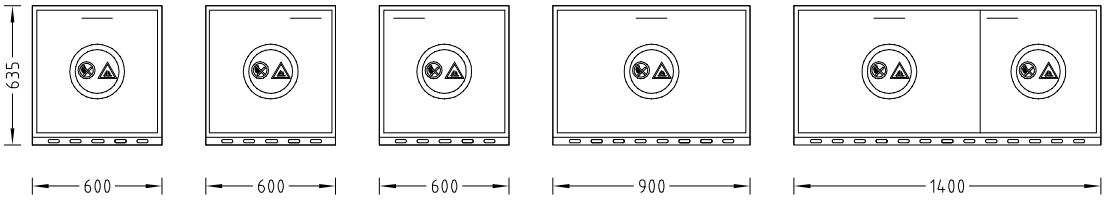
Intended use

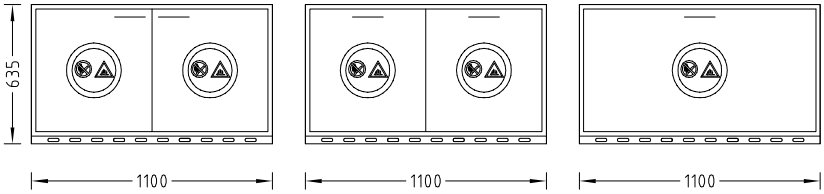
- Push-in underbench unit for bench-mounted fume cupboards for storing limited amounts of flammable liquids
- Not suitable for storing gas cylinders and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

Design



Variants





Special cabinets
FWF 90 underbench safety unit for fume cupboards for storing flammable liquids

Technical data

Dimensions				
Width [mm]	600	900	1100	1400
Depth [mm]	600			
Overall height [mm]	635			
Height, plinth [mm]	35			
Max. weight [kg]	130	170	220	290

Load bearing capacity	
Rigid shelf [kg]	30
Drawers [kg]	25

Design characteristics	
Construction	Connection to the permanently active ventilation system Connection to the earth wire with potential equalisation With closing Tray with perforated plate insert Self-closing through current-independent thermal activation in the case of fire Hinged doors Drawer
Combination possibilities	See variants
Handle	U handle, stainless steel
Additional tray pull-out	Optional for drawers
Regulations and standards	EN 14470-1 TRbF 20

Ventilation data	
Air exchange rate [m³/h]	30
Ventilation connection to the ascending duct Ø[mm]	90

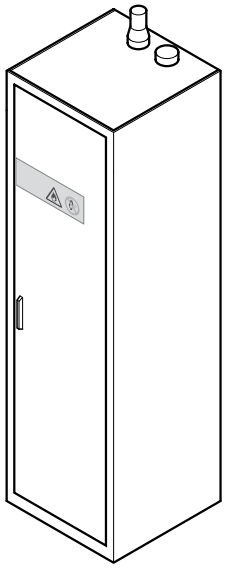
Material	
Underbench unit	Powder-coated stainless steel on the outside Colour: Pure white RAL 9010
Ventilation connection	PPS

FWF 90 safety cabinet for storing flammable liquids

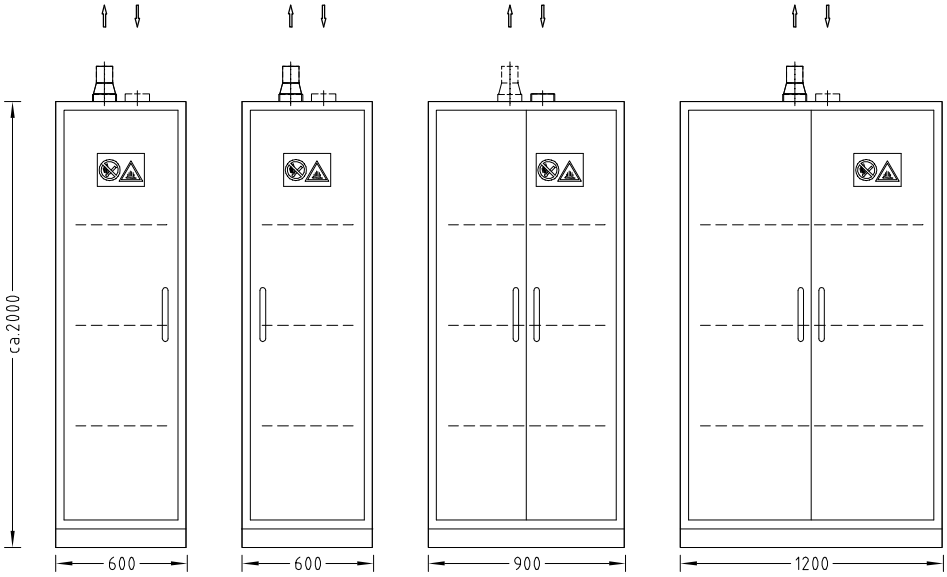
Intended use

- For storing limited amounts of flammable liquids
- Not suitable for storing gas cylinders and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

Design



Variants



Special cabinets
FWF 90 safety cabinet for storing flammable liquids

Technical data

Dimensions			
Width [mm]	600	900	1200
Depth [mm]	Approx. 600		
Overall height [mm]	Approx. 2000		
Height, plinth [mm]	Approx. 80		
Max. weight [kg]	290	360	470

Load bearing capacity	
Basin bed [kg]	Depending on version

Design characteristics	
Construction	Connection to the permanently active ventilation system Connection to the earth wire with potential equalisation Self-closing through current-independent thermal activation in the case of fire 3 basin beds, height-adjustable Tray with perforated plate insert With closing 4 height-adjustable feet Hinged doors
Combination possibilities	See variants
Other versions and configurations	On request
Regulations and standards	EN 14470-1 TRbF 20

Ventilation data	
Air exchange rate [m³/h]	30
Ventilation connection Ø [mm]	75

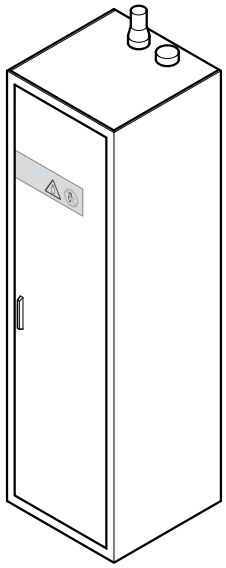
Material	
Laboratory cabinet	Powder-coated stainless steel on the outside Colour: Pure white RAL 9010
Ventilation connection	Galvanised steel

Special cabinets
G 90 gas cylinder cabinet

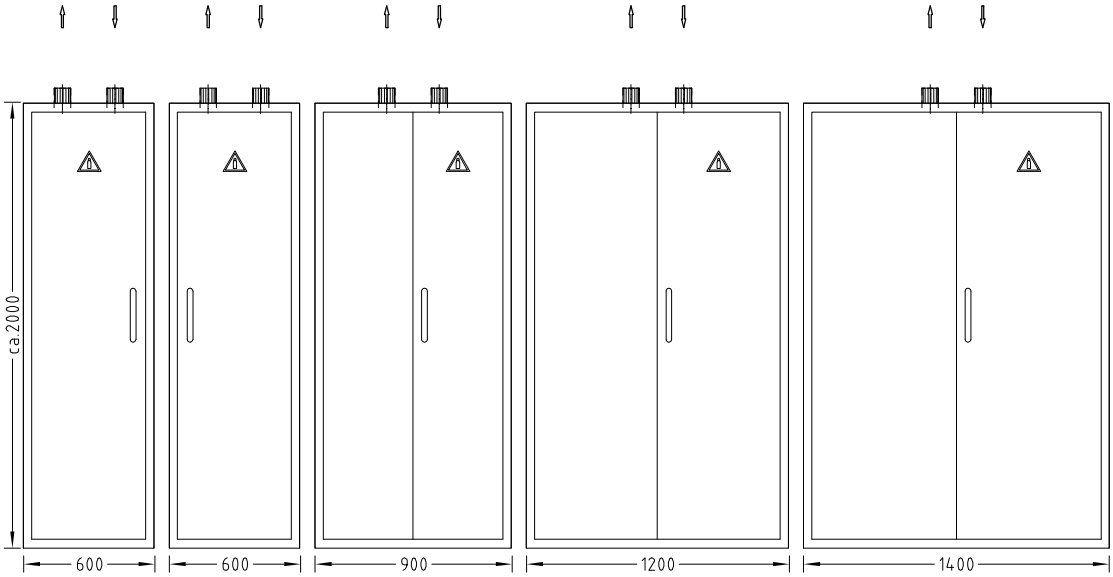
Intended use

- For storing gas cylinders in buildings
- Not suitable for storing flammable liquids and self-igniting or self-decomposing substances
- Not suitable for storing acids and alkalis

Design



Variants



Special cabinets
G 90 gas cylinder cabinet

Technical data

Dimensions	600	900	1200	1400
Width [mm]	600	900	1200	1400
Depth [mm]	Approx. 600			
Overall height [mm]	Approx. 2000			
Max. net weight [kg]	390	530	660	740

Design characteristics	600	900	1200	1400
Construction	Connection to the permanently active ventilation system Mounting rail to take up gas reduction units Roll-in ramp for gas cylinders With closing 4 height-adjustable feet Feed-throughs for pipes and cables in the cabinet ceiling Hinged door(s)			
Max. number of 50 l gas cylinders for cabinet width	1	2	3	4
Other versions and configurations	On request			
Regulations and standards	EN 14470-2			

Ventilation data	600	900	1200	1400
Air exchange rate [m³/h] for cabinet width	60	90	120	140
Ventilation connection Ø [mm]	75			

Material	
Laboratory cabinet	Powder-coated stainless steel on the outside Colour: Pure white RAL 9010
Ventilation connection	Galvanised steel