



Type 90 safety storage under bench cabinet with refrigerating unit

Safe and cooled storage of flammable hazardous materials



You are looking for a **storage solution** to keep **retention samples** that need to be **cooled** safely?

Are these liquids **highly flammable**?



Overview: model class **UB-S-90K**

Safe, cooled and approved storage of highly flammable hazardous substances in working areas



Recirculating air operation

- integrated aeration and ventilation system in recirculating air operation
- monitoring and activated charcoal filter unit for the safe retention of solvent vapours (hydrocarbons)
- no external exhaust air system required, maximum flexibility in the choice of the place of installation



Well cooled

- homogeneous cooling effect in the interior through laminar entry of the cold air
- maximum cooling power +2 °C (at room temperature of max. 25 °C)
- high energy efficiency through return of cooled air in the system



Secure function

- 7-segment LED display for direct monitoring of functions
- display of cooling temperature (NOMINAL/ACTUAL), air recirculation rate and filter saturation
- simple setting of the nominal temperatures
- safe, continuous, min. 10-fold air exchange
- no explosive zones inside and outside the cabinet

Further features of this model class



Locking

- doors and drawers separately lockable with cylinder lock
- locking state indicator (red/green) signals the locking status of the cabinet



Mobile

- optionally available castors with plinth; simple movement of the cabinet

Possible interior equipment



- **integrated drawers**



- **second level drawer** for the storage on 2 levels, **optimal utilisation of inside space** when storing small containers



Safety storage underbench cabinet with refrigerating unit and recirculating air filter system for the unrestricted storage of flammable hazardous materials in working areas according to EN 14470-1 and TRGS 510



- **fire resistance of 90 minutes** (type 90), type-tested in accordance with EN 14470-1



- **excellent products with special manufacturer warranty**
- extended **manufacturer warranty of up to 5 years** in combination with the asecos BASICPlus tariff





UB-S-90K ◀ 110 cm ▶



Safety storage underbench cabinet
UB-S-90K model UB90.060.110.KU.S
in Light grey (RAL 7035)

Order No. 31827-001-35322



Safe, cooled and approved storage of highly flammable hazardous substances in working areas

Function / construction:

- **robust construction and longevity:** body made of powder-coated sheet steel
- **user-friendly:** drawer remains open in any position, interior of drawer completely visible – access to all containers
- **no unauthorised use:** drawer lockable with cylinder lock and locking state indicator (red/green)
- **mobile:** castors with plinth (optionally available), easy moving of the cabinet
- **ventilation:** integrated technical recirculating air system with multistage filter system and cool-device cable
- **refrigerating unit:** constant refrigeration effect inside the cabinet with the maximum refrigerating temperature of +2 °C (with max. 25 °C room temperature)

Available equipment

- pull-out tray – integrated in the cabinet (standard), load capacity 50 kg
- plenty of space for small containers, optimal utilisation of the inside space when storing small containers



Second level drawer

Plenty of space for small containers, optimal utilisation of the inside space when storing small containers



7-Segment-/LED-Display

Function monitoring directly in view, display shows the refrigeration temperature (TARGET/ ACTUAL), air exchange rate and filter saturation, easy setting of the required temperature



Filter system

Restrains solvent vapours permanently, user-friendly and safe replacement of the filter unit at saturation

Technical data

UB90.060.110.KU.S

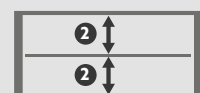
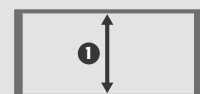
External dimensions W x D x H	mm	1108 x 574 x 630
Internal dimensions W x D x H	mm	753 x 443 x 484
Weight without interior equip.	kg	220
Maximum load	kg	300
Distributed load	kg/m ²	298
Frequency	Hz	50
Power consump. in operation	W	247
Power consump. in standby mode	W	7,2
Max. current consumption	A	2
Nominal voltage	V	230

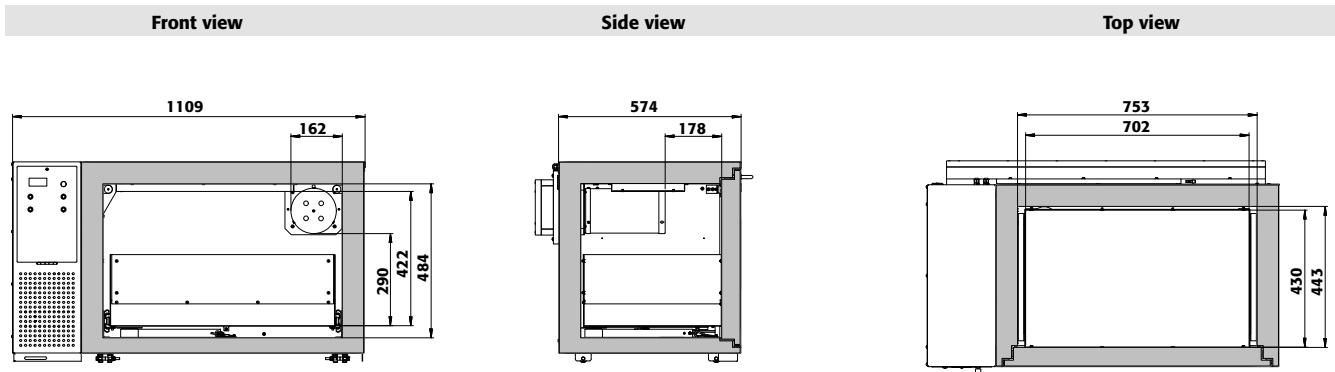
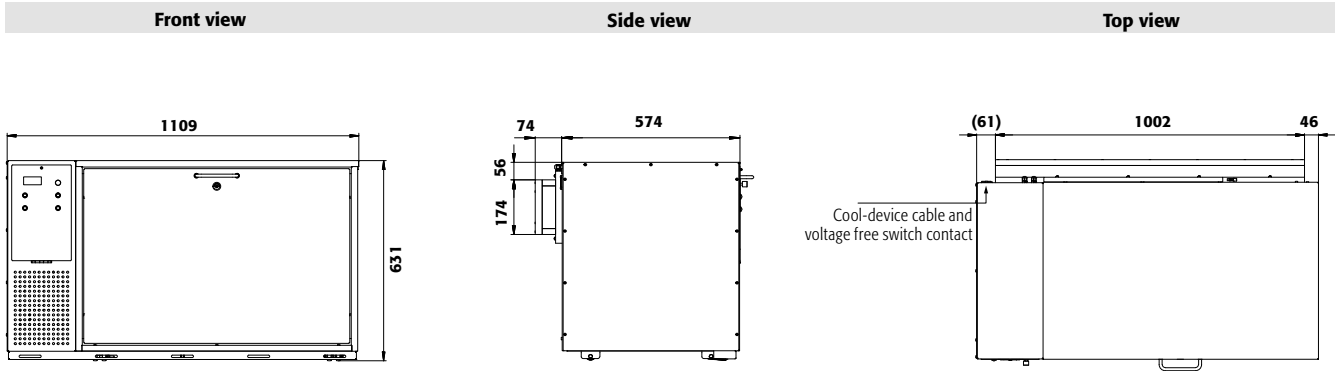
Usable storage heights

UB90.060.110.KU.S

- ① mm 422**
- ② mm 205***

** without perforated insert
*** with second level drawer





Safety storage underbench cabinet with refrigerating unit and plug-in recirculating air filter system – avoid complex wall and ceiling openings and expensive exhaust air ducts

- high flexibility in choosing the installation location
- active personal protection through safe capture of harmful vapours with retention in the filter system
- with multistage filter system and cool-device cable
- incl. extraction and filter monitoring
- optical and acoustical alarm including potential-free alarm contact

The underbench cabinet with plug-in recirculating air filter system is capable of retaining solvent vapours (hydrocarbons) permanently up to a filter saturation of more than 99,999 %, under normal operating conditions as well as for a simulated accident in the safety storage cabinet.



	Model	Information / equipment		Order No.
	UB90.060.110.KUS	without interior equipment, cooling function in the recirculating air operation, with drawer	19	31827
	Body colour	Door colour		Order No.
	Light grey RAL 7035	Light grey RAL 7035		001
	Interior equipment packages (can only be ordered in combination with the cabinet)			Order No.
	1x drawer (V=175L)	stainless steel		35322
	1x drawer (V=175L), 1x perforated Insert	stainless steel		35323
	1x drawer (V=175L), 1x perforated insert, 1x second level drawer	stainless steel, stainless steel		35324
	Interior equipment	Material	W x D x H (mm)	Order No.
	perforated insert	stainless steel	695 x 425 x 9	32121
	second level drawer, realized as perforated insert	stainless steel chrome plated	715 x 415 x 37*	32123
	bottle rack, for 15 bottles with Ø 70 mm	sheet steel powder-coated RAL 7035	220 x 440 x 30	7603
	bottle rack, for 32 bottles with Ø 40 mm	sheet steel powder-coated RAL 7035	220 x 440 x 30	7602
	bottle rack, for 8 bottles with Ø 90 mm	sheet steel powder-coated RAL 7035	220 x 440 x 30	7604
	document holder, DIN A5	polystyrene		30793

* usable storage space W x D [mm]
 1) load capacity [kg], 2) retention capacity [ltr], 3) maximum container volume in the cabinet [ltr]

Icons



Type



Flammable liquids



Refrigerating unit



Recirculating air filter



Width



Special depth



Height



Drawer



with locking state indicator



Castors with plinth



asecos warranty

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