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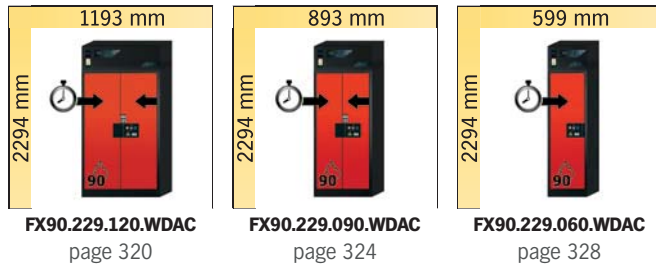# Overview: model line FX-LINE

FX-LINE – recirculating air filter storage cabinets type 90
focused on the storage of flammable liquids and non flammable hazardous materials

FX-PEGASUS-90 model class with wing doors, door open arrest system, automatic door closing (TSA), one-hand operation (AGT) and recirculating air filter system

1193 mm	893 mm	599 mm
2294 mm	2294 mm	2294 mm
FX90.229.120.WDAC page 320	**FX90.229.090.WDAC** page 324	**FX90.229.060.WDAC** page 328

FX-CLASSIC-90 model class with wing doors, vertical dividing wall and recirculating air filter system

1193 mm
2294 mm
FX90.229.120.MV page 332

FX-LINE – recirculating air filter storage cabinets type 30
in addition to the FX-LINE type 90 the stored hazardous materials can be seen at a glance due to a large glass cutout

FX-DISPLAY-30 model class with wing doors with glass openings and recirculating air filter system

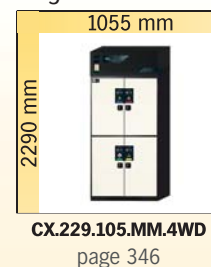| 860 mm |
|---|
| 2290 mm |
| **FX30.229.086.WDFW**
page 336 |

CX-LINE – recirculating air filter storage cabinets
focused on the storage of non flammable, slightly aggressive hazardous and toxic materials

*CX-CLASSIC-G* model class with wing doors and recirculating air filter system

1055 mm	810 mm
2290 mm	2290 mm
CX.229.105.WDFW page 342	**CX.229.081.WDFW** page 344
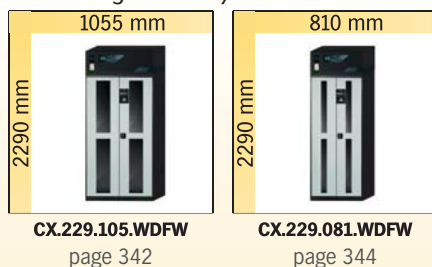
CX-CLASSIC-MultiRisk model class with wing doors and recirculating air filter system

1055 mm
2290 mm
CX.229.105.MM.4WD page 346

SLX-LINE – recirculating air filter storage cabinets
focused on the storage of acids and alkalis

SLX-CLASSIC model class with wing doors and recirculating air filter system

1197 mm	600 mm
2300 mm	2300 mm
SLX.230.120.MV page 350	**SLX.230.060.MH** page 352

FX
CX
SLX
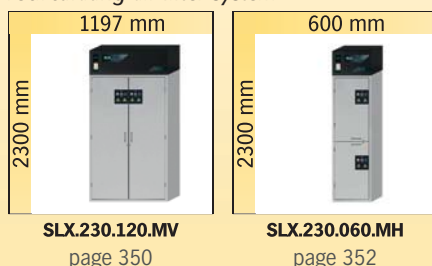
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Flexibility³ with the new recirculating air filter storage cabinets from asecos

Multifunctional

Recirculating air filter storage cabinets from the FX-LINE, CX-LINE and SLX-LINE model groups enable the common storage of the most diverse hazardous materials in one cabinet. Vapours that are harmful to health are extracted and filtered at the same time.

Flexibility³

Flexibility in the choice of the place of installation.

Flexibility when storing different hazardous materials (organic und inorganic) in one cabinet with multi-stage wideband filter.

Flexibility in the choice of the appropriate interior equipment for the recirculating air filter storage cabinet. Select your interior equipment to match the hazardous materials and container sizes stored.

Product lines

FlameFlex
Recirculating air filter storage cabinets from the FX-LINE
The solution for the safe and fire-resistant storage of flammable liquids plus non-flammable hazardous materials.
Based on our robust and proven Q-cabinets.

ChemFlex
Recirculating air filter storage cabinets from the CX-LINE
The solution for the safe storage of non-flammable, weakly aggressive hazardous and toxic materials.
Based on our high-quality CS-CLASSIC cabinets.

ChemFlex
Recirculating air filter storage cabinets from the SLX-LINE
The solution for the safe storage of non-flammable, weakly aggressive hazardous and toxic materials.
Based on our highly resistant SL-CLASSIC cabinets.

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Safety at the highest level

Depending on the model, asecos recirculating air filter storage cabinets are able to permanently retain more than 99.998 % of the vapours from hydrocarbons and inorganic hazardous materials up to filter saturation.

The recirculating air filter storage cabinets have been tested and certified in extensive test programmes by infraserv Höchst, an accredited testing body in accordance with GefahrstoffV (German Hazardous Substances Act).
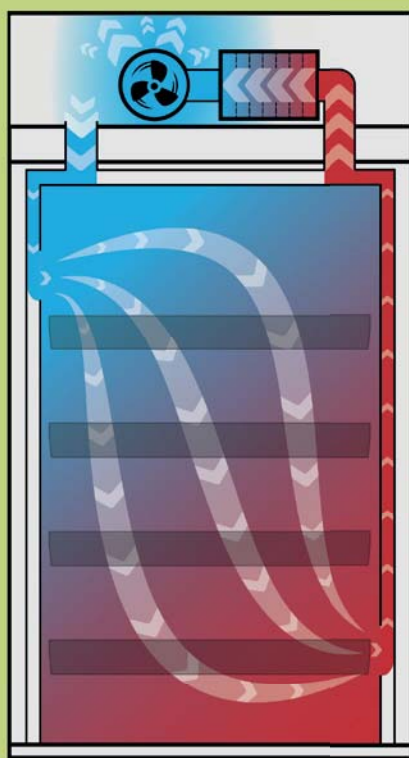
▶▶ **permanent, monitored technical ventilation of the cabinets, hence no exposure of employees to vapours that are harmful to health.**

▶▶ **elimination of the Ex-zones around the cabinet (when storing flammable liquids)**

▶▶ **elimination of cost-intensive exhaust air systems**

▶▶ **high flexibility in the choice of the place of installation**

Recirculating air filter storage cabinets in daily use

Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel (VDE-tested):
- setting, display and monitoring of the current air recirculation rate
- permanent display and monitoring of the filter saturation (colour display – FlameFlex only)
- display of the time remaining until the next filter change
- reminder alarm for manual filter saturation measurement (inorganic hazardous materials)
- multilingual, pictorial menu guidance
- All alarms are given visually and acoustically. The system additionally has a potential-free alarm contact for connection to a control room.
- device for manually checking the filter saturation

Your safety is our goal!

The recirculating air filter storage cabinets from the FlameFlex and ChemFlex model groups represent the highly efficient combination of regulation-compliant storage of hazardous materials with safe technical ventilation. Further information on the legislation regarding the technical ventilation of safety storage cabinets can be found at www.asecos.com.

The high quality of the asecos recirculating air filter storage cabinets is confirmed by the following certificates and documents:

Certification of the recirculating air filter systems by infraserv Höchst, an accredited testing body in accordance with GefahrstoffV (German Hazardous Substances Act). Test report no. S084-14

» **fire resistance test of the safety storage cabinet in accordance with EN 14470-1**

» **GS testing of the safety storage cabinet in accordance with the requirements of EN 14470-1 and the laboratory furniture standard EN 14727**

» **VDE approval of the monitoring electronics used**

» **ATEX conformity CE II 3/-G ex ic nA IIB T4 Gc of the recirculating air filter storage cabinet**

» **CE declarations of conformity**

Our certified quality management system in accordance with the international standard ISO 9001 as well as voluntary, permanent external monitoring by a recognised and independent material testing body ensures a constantly high quality standard for all asecos products.

infraserv
höchst

MPA Dresden
GS geprüfte Sicherheit

C E

asecos

Commissioning and filter change

1 Unpack the device, open the housing front and remove the filter
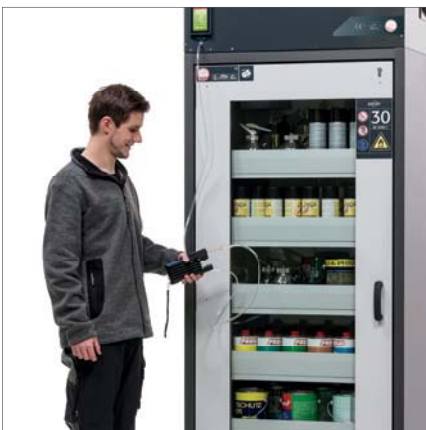

2 Place the recirculating air filter system on top of the cabinet and connect it to the cabinet ventilation

3 Insert the filter unit, fasten it and close the housing front

4 Plug in the low-temperature IEC power cable and switch on the device

Safety in operation

The filters used for the filtering of inorganic hazardous materials must be checked with all models by means of a manual testing device for filter saturation. This is supported by an electronic reminder function (visual and acoustic). The models from the FX-LINE additionally carry out the automatic electronic detection of hydrocarbons. The filter and exhaust air monitoring is displayed on the touch panel. Visual and acoustic warning signals and a voltage free switch contact provide for maximum safety.

Filter change

Multi-stage wideband filters (e.g. FlameFlex: five-step) with high absorbance capacities are used in all models. An optimised combination of the most diverse, partly impregnated kinds of activated carbon achieves the correspondingly required wideband effect in all devices.

Irrespective of the actual absorbance capacity and the actual saturation of the filter, the exchange of the filter units at least once per year is a major component of our safety concept and of the certification.

The particularly robust design of the filter units permits multiple reprocessing. The asecos system thus works in a particularly environmentally friendly and sustainable manner.

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Overview: model classes FX-PEGASUS-90, FX-CLASSIC-90 and FX-DISPLAY-30

Safe and approved storage of flammable liquids and further hazardous substances

Safety for employees
- avoidance of explosive atmospheres
- extraction and filtering of vapours that are harmful to health

Flexibility³
- flexibility in the choice of the place of installation
- flexibility in the storage of different hazardous materials
- flexibility in the choice of the appropriate interior equipment

Multifunctional
- the FX-LINE recirculating air filter storage cabinets enable the common storage, extraction and filtration of the most diverse hazardous materials in one cabinet

Further features of this model class

Electronic monitoring
- filter saturation by solvent vapours (hydrocarbons)
- air recirculation rate (exhaust air quantity)
- service intervals
- scheduling for the manual filter saturation check

Modern bicolour system
- the new recirculating air filter storage cabinets bring colour to your workplace
- body in modern Anthracite grey
- cabinet doors available in Traffic red, Warning yellow or Light grey

Eco-friendly
- long filter lifetimes
- environmentally and customer-friendly reusable filter system

Possible interior equipment

- **metal-free interior equipment** for the storage of aggressive hazardous materials
- as standard with removable **plastic sump**

- **drawers** with high storage volumes, ideal for storing small containers

- **height-adjustable shelves** in different versions

- **bottom collecting sump –** safe collection of leckages
- usable as storage level in conjuction with perforated insert

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Recirculating air filter storage cabinets for the storage of different hazardous substances

90
EN 14470-1

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

30
EN 14470-1

· **fire resistance of 30 minutes** (type 30), type-tested in accordance with EN 14470-1

GS
MPA Dresden
geprüfte Sicherheit
EK5 / AK4 / EN 14727

· **GS approval** of the safety storage cabinet in accordance with EN 14470-1 and the laboratory furniture standard EN 14727

5 Years Warranty*

· **excellent products with special manu-facturer warranty**
· extended **manufacturer warranty of up to 5 years** in combination with an asecos service tariff

· VDE approval **of the monitoring electronics**

infraserv höchst

· **effectiveness confirmed** by extensive testing in collaboration with the accredited test center for hazardous materials **infraserv Höchst Co.**
· summary of the test report available on request

FX
CX
SLX

NEW **90** EN 14470-1 **GS** MPA Dresden EK5 / AK4 / EN 14727 **EN 14727** **CE** **5 Years Warranty**

120 cm **229 cm**

Safe and approved storage of flammable liquids and further hazardous substances

Function / construction:

Cabinet body
- **robust construction and longevity:** triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- **effortless use:** one-hand operation for double-door cabinets (AGT)
- **user-friendly and safe:** door open arrest system (standard), convenient and safe removal or storage of containers
- **always closed:** serial automatic door closing (TSA) releases arrested doors after approx. 60 seconds; acoustic and visual signal before closing
- **no unauthorised use:** doors lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)

- **easy transport:** integrated transport base with removable, optional base cover
- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction and filter monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- ATEX compliant: CE ⟨Ex⟩ II 3/-G Ex ic nA IIB T4 Gc

Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.120.WDAC
Body colour Anthracite grey (RAL 7016), with wing doors in Traffic red (RAL 3020), interior equipment with 3 x shelf, 1 x perforated insert, 1 x bottom collecting sump (sheet steel powder-coated)
Order No. 32905-046-33635 [6]
(base cover optional)

Available equipment
- shelves with load capacity of 75 kg
- tray shelves with load capacity of 150 kg
- perforated insert useable as storage area
- bottom collecting sump
- drawers – high storage capacity, optimal use of the available storage capacities
- drawers heavy-duty with load capacity of 100 kg
- metal-free tray shelves and collecting sumps
- storage box
- sump inliner (PE or PP)

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service life-times and filter recycling

Easy operation
Monitoring electronics with state-of-the-art 4.7″ graphic display incl. touch panel, displays all essential monitoring-details

Metal-free interior equipment
Ideal for the storage of flammable, aggressive hazardous substances. Tray shelves with chemical resistant surface lamination and removeable plastic sump, bottom collecting plastic sump.

Manual test device
Easy monitoring of the filter saturation when storing inorganic substances

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Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.120.WDAC
Body colour Anthracite grey (RAL 7016), with wing doors in Light grey (RAL 7035), interior equipment with 6 x drawer (sheet steel powder-coated)
Order No. 32905-041-33649 6

(base cover optional)

Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.120.WDAC
Body colour Anthracite grey (RAL 7016), with wing doors in Warning yellow (RAL 1004), interior equipment with 4 x drawer (sheet steel powder-coated)
Order No. 32905-040-33647 6

(base cover optional)

FX
SLX
CX

3 door colours are available **at no extra cost:**

RAL 1004	RAL 7035	RAL 3020
040	041	046

AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32905 — **040** — **33647**

Model	Information / equipment	Order No.
FX90.229.120.WDAC	without interior equipment	32905

Body colour	Door colour	Order No.
Anthracite grey RAL 7016	Warning yellow RAL 1004	040 6
Anthracite grey RAL 7016	Light grey RAL 7035	041 6
Anthracite grey RAL 7016	Traffic red RAL 3020	046 6

Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.	
		old code	new code
3x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated RAL 7035	30003	33635 ❷
4x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated RAL 7035	30004	33636 ❷
3x shelf, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated RAL 7035	30005	33637 ❷
4x shelf, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated RAL 7035	30006	33638 ❷
3x tray shelf (V=33.0L), 1x perforated insert, 1x bottom collecting sump (V=55.5L)	sheet steel powder-coated RAL 7035	30007	33640 ❷
3x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	stainless steel	30008	33642 ❷
4x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	stainless steel	30009	33643 ❷
3x shelf, 1x bottom collecting sump (V=33.0L)	stainless steel	30010	33644 ❷
4x shelf, 1x bottom collecting sump (V=33.0L)	stainless steel	30011	33645 ❷
3x tray shelf (V=33.0L), 1x bottom collecting sump (V=33.0L)	PP grey HIGHLIGHT	30013	30013 ❷
4x tray shelf (V=33.0L), 1x bottom collecting sump (V=33.0L)	PP grey HIGHLIGHT	30014	30014 ❷
4x drawer (V=30.0L)	sheet steel powder-coated RAL 7035	30015	33647 ❷
5x drawer (V=30.0L)	sheet steel powder-coated RAL 7035	30016	33648 ❷
6x drawer (V=30.0L)	sheet steel powder-coated RAL 7035	30017	33649 ❷
4x drawer (V=30.0L)	stainless steel	30018	33651 ❷
5x drawer (V=30.0L)	stainless steel	30019	33652 ❷
6x drawer (V=30.0L)	stainless steel	30020	33653 ❷
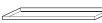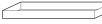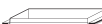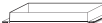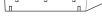
Individual configuration of model FX90.229.120.WDAC

Model	Information / equipment	W x D x H (mm)	Order No.
FX90.229.120.WDAC	without interior equipment	1193 x 615 x 2294	32905

Body colour	Door colour	Order No.
Anthracite grey RAL 7016	Warning yellow RAL 1004	040 6
Anthracite grey RAL 7016	Light grey RAL 7035	041 6
Anthracite grey RAL 7016	Traffic red RAL 3020	046 6

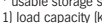| Interior equipment	Material	W x D x H (mm)	1) kg	2) L	3)	old code	new code
shelf	sheet steel powder-coated RAL 7035	1040 x 432 x 30*	75.00			30021	30021 ❷
	stainless steel	1038 x 425 x 29*	75.00			30024	30024 ❷
tray shelf	sheet steel powder-coated RAL 7035	1025 x 445 x 71*	150.00	33.00	30.00	30028	30028 ❷
	stainless steel	1025 x 445 x 71*	150.00	33.00	30.00	30064	30064 ❷
tray shelf, metal-free	PP grey	1002 x 472 x 74*	50.00	33.00	30.00	30027	30027 ❷
perforated insert	sheet steel powder-coated RAL 7035	1024 x 417 x 60	75.00			5536	5536 ❷
	stainless steel	1024 x 417 x 60	75.00			5773	5773 ❷
perforated insert, height = 135 mm	sheet steel powder-coated RAL 7035	1024 x 417 x 135	135.00			14084	14084 ❷
bottom collecting sump	sheet steel powder-coated RAL 7035	1024 x 489 x 86*		33.00	30.00	30022	33634 ❷
	stainless steel	1024 x 489 x 86*	150.00	33.00	30.00	30025	33641 ❷
bottom collecting sump, V = 55,5 ltr.	sheet steel powder-coated RAL 7035	1017 x 482 x 127*		55.50	50.45	30023	33639 ❷
	stainless steel	1018 x 438 x 120*		55.50	50.00	30026	30026 🔟
bottom collecting sump, metal-free	PP grey	1002 x 472 x 74*		33.00	30.00	26989	26989 ❷
drawer	sheet steel powder-coated RAL 7035	844 x 488 x 90*	60.00	30.00	27.27	30013	33646 ❷
	stainless steel	844 x 488 x 90*	60.00	30.00	27.27	30033	33650 ❷
drawer (heavy-duty)	sheet steel powder-coated RAL 7035	843 x 487 x 162*	100.00	66.00		30032	30032 4
	stainless steel	843 x 487 x 162*	100.00	66.00		30034	30034 🔟
storage box, left hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30029	30029 ❷
storage box, right hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30030	30030 ❷
sump inliner, for shelf	polyethylene black	1000 x 392 x 50*				7223	7223 ❷
sump inliner, for drawer	PP grey	834 x 450 x 96*				10054	10054 ❷
anti-slip rubber mat, for drawer	black	840 x 490 x 1				8699	8699 ❷
pipe lead-through	sheet steel powder-coated RAL 7035	182 x 104 x 48				30035	30035 ❷
base cover	sheet steel powder-coated textured RAL 7016	1118 x 35 x 85				30036	30036 ❷
Q-mover, 2 pieces	steel powder-coated textured RAL 7016	600 x 140 x 130	450.00			30037	30037 ❷
box for chemicals	PP blue	410 x 300 x 260		18.00	16.36	30038	30038 ❷
document holder, DIN A5	polystyrene					30793	30793 ❷

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

Activated carbon replacement filter with multistage filter system **Order No. 32950** ❷

Ready for dispatch within ✕ Days ✕ Weeks

Front view

1193

2294
1954

1120

Side view

615

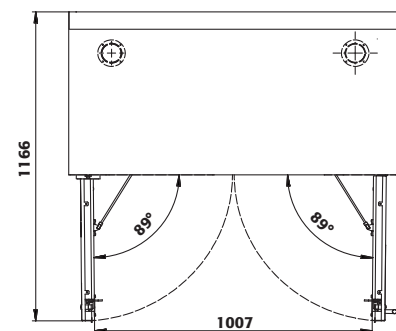## Selectional view

1193

- recirculating air filter module
- tray shelf, metal-free
- Drawer (heavy-duty)
- Drawer
- Tray shelf (bottom collecting sump used as storage area)
- Storage box
- Shelf
- Bottom collecting sump
- Perforated insert

FX
CX
SLX

Technical data		FX90.229.120.WDAC
External dimensions W x D x H	mm	1193 x 615 x 2294
Internal dimensions W x D x H	mm	1050 x 522 x 1647
Weight without interior equip.	kg	459
Distributed load	kg/m²	546
Maximum load	kg	600
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50
Transport base		
Entry height transport base	mm	90
Entry width transport base	mm	1120

Top view

1166

89° 89°

1007

FX90.229.120.WDAC — Standard storage heights of the drawers

Drawers/number		9	8	7	6	5	4+1	4	3	2
Distance	❾ (mm)	150								
Distance	❽ (mm)	135	150							
Distance	❼ (mm)	135	170	185						
Distance	❻ (mm)	135	170	200	250					
Distance	❺ (mm)	135	170	200	230	250	250			
Distance	❹ (mm)	135	170	200	230	295	230	345		
Distance	❸ (mm)	135	170	200	230	295	230	360	440	
Distance	❷ (mm)	170	170	200	230	295	230	360	520	890
Distance	❶ (mm)	200	200	200	230	295	490	390	520	615

FX90.229.120.WDAC — Standard storage heights of the shelves

Shelves/number		4	3
Distance	❹ (mm)	320	
Distance	❸ (mm)	350	420
Distance	❷ (mm)	350	450
Distance	❶ (mm)	290	380

FX90.229.120.WDAC — Storage capacities per drawer/type of container

Quantity	Type of container	Container size
90	Aerosol cans	400 ml
40	Cans	1 litre
40	Laboratory glass bottles	1 litre
40	Laboratory PE-bottles	1 litre
15	Laboratory glass bottles	2.5 litres

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NEW
90 EN 14470-1
GS MPA Dresden / EK5 / AK4 / EN 14727
EN 14727
CE
5 Years Warranty

Safe and approved storage of flammable liquids and further hazardous substances

Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.090.WDAC
Body colour Anthracite grey (RAL 7016), with wing doors in Traffic red (RAL 3020), interior equipment with 3 x shelf, 1 x perforated insert, 1 x bottom collecting sump (sheet steel powder-coated)
Order No. 32910-046-33622 6
(base cover optional)

Function / construction:

Cabinet body

- **robust construction and longevity:** triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- **effortless use:** one-hand operation for double-door cabinets (AGT)
- **user-friendly and safe:** door open arrest system (standard), convenient and safe removal or storage of containers
- **always closed:** serial automatic door closing (TSA) releases arrested doors after approx. 60 seconds; acoustic and visual signal before closing
- **no unauthorised use:** doors lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)

- **easy transport:** integrated transport base with removable, optional base cover
- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system

- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction and filter monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- ATEX compliant: CE CE⟨Ex⟩ II 3/-G Ex ic nA IIB T4 Gc

Available equipment

- shelves with load capacity of 75 kg
- tray shelves with load capacity of 150 kg
- perforated insert useable as storage area
- bottom collecting sump
- drawers – high storage capacity, optimal use of the available storage capacities
- drawers heavy-duty with load capacity of 100 kg
- metal-free tray shelves and collecting sumps
- storage box
- sump inliner (PE or PP)

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service life-times and filter recycling

Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Extraction and filtration
Filtration of solvent vapours (hydrocarbons) as well as inorganic and organic hazardous materials

Manual test device
Easy monitoring of the filter saturation when storing inorganic substances

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Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.090.WDAC
Body colour Anthracite grey (RAL 7016), with wing doors in Light grey
(RAL 7035), interior equipment with 4 x drawer (sheet steel powder-coated)
Order No. 32910-041-33627 6

(base cover optional)

Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.090.WDAC
Body colour Anthracite grey (RAL 7016), with wing doors in Warning yellow
(RAL 1004), interior equipment with 6 x drawer (sheet steel powder-coated)
Order No. 32910-040-33629 6

(base cover optional)

FX
SLX
CX

3 door colours are available **at no extra cost:**

RAL 1004	RAL 7035	RAL 3020
040	**041**	**046**

AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32910 — 040 — 33627

	Model	Information / equipment	Order No.
	FX90.229.090.WDAC	without interior equipment	32910

	Body colour	Door colour	Order No.
	Anthracite grey RAL 7016	Warning yellow RAL 1004	040 6
	Anthracite grey RAL 7016	Light grey RAL 7035	041 6
	Anthracite grey RAL 7016	Traffic red RAL 3020	046 6

	Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.	
			old code	new code
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30043	33622 2
	4x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30044	33623 2
	3x shelf, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30045	33624 2
	4x shelf, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30046	33625 2
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	stainless steel	30047	30047 2
	4x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	stainless steel	30048	30048 2
	3x shelf, 1x bottom collecting sump (V=22.0L)	stainless steel	30049	30049 2
	4x shelf, 1x bottom collecting sump (V=22.0L)	stainless steel	30050	30050 2
	3x tray shelf (V=22.0L), 1x bottom collecting sump (V=22.0L) HIGHLIGHT	PP grey	30051	30051 2
	4x tray shelf (V=22.0L), 1x bottom collecting sump (V=22.0L) HIGHLIGHT	PP grey	30052	30052 2
	4x drawer (V=19.0L)	sheet steel powder-coated RAL 7035	30053	33627 2
	5x drawer (V=19.0L)	sheet steel powder-coated RAL 7035	30054	33628 2
	6x drawer (V=19.0L)	sheet steel powder-coated RAL 7035	30055	33629 2
	4x drawer (V=19.0L)	stainless steel	30056	33631 10
	5x drawer (V=19.0L)	stainless steel	30057	33632 10
	6x drawer (V=19.0L)	stainless steel	30058	33633 10

Individual configuration of model FX90.229.090.WDAC

Model	Information / equipment	W x D x H (mm)	Order No.
FX90.229.090.WDAC	without interior equipment	893 x 615 x 2294	32910

Body colour	Door colour	Order No.
Anthracite grey RAL 7016	Traffic red RAL 3020	046 6
Anthracite grey RAL 7016	Warning yellow RAL 1004	040 6
Anthracite grey RAL 7016	Light grey RAL 7035	041 6

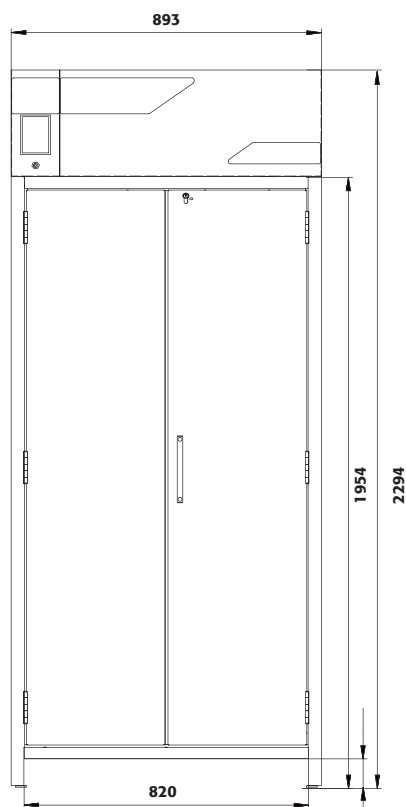| Interior equipment	Material	W x D x H (mm)	kg 1)	2)	3)	Order No. old code	new code
shelf	sheet steel powder-coated RAL 7035	740 x 432 x 30*	75.00			30059	30059 2
	stainless steel	740 x 432 x 30*	75.00			30061	30061 2
tray shelf, metal-free	PP grey	702 x 472 x 74*	50.00	23.00	20.91	30063	30063 2
perforated insert	sheet steel powder-coated RAL 7035	742 x 417 x 70	75.00			11165	11165 2
	stainless steel	742 x 417 x 70	75.00			11168	11168 2
bottom collecting sump	sheet steel powder-coated RAL 7035	724 x 489 x 83*		22.00	20.00	30060	33621 2
	stainless steel	724 x 489 x 83*		23.00	20.91	30062	30062 2
bottom collecting sump, metal-free	PP grey	702 x 472 x 74*		23.00	20.91	26990	26990 2
drawer	sheet steel powder-coated RAL 7035	544 x 488 x 90*	60.00	19.00	17.27	30065	33626 2
	stainless steel	544 x 488 x 90*	60.00	19.00	17.27	30067	33630 10
drawer (heavy-duty)	sheet steel powder-coated RAL 7035	543 x 487 x 162*	100.00	45.00		30066	30066 6
	stainless steel	543 x 487 x 162*	100.00	45.00		30068	30068 10
storage box, left hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30029	30029 2
storage box, right hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30030	30030 2
sump inliner, for drawer	polyethylene white	536 x 480 x 90*		22.00	20.00	27948	27948 2
sump inliner, for shelf	PP grey	653 x 406 x 88*				9707	9707 2
anti-slip rubber mat, for drawer	black	540 x 490 x 1				15653	15653 2
pipe lead-through	sheet steel powder-coated RAL 7035	182 x 104 x 48				30035	30035 2
base cover	sheet steel powder-coated textured RAL 7016	818 x 35 x 85				30069	30069 2
Q-mover, 2 pieces	steel powder-coated textured RAL 7016	600 x 140 x 130	450.00			30037	30037 2
box for chemicals	PP blue	410 x 300 x 260		18.00	16.36	30038	30038 2
document holder, DIN A5	polystyrene					30793	30793 2

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

Activated carbon replacement filter
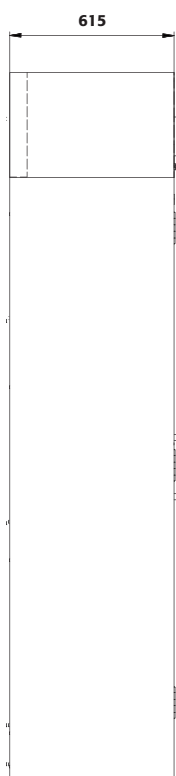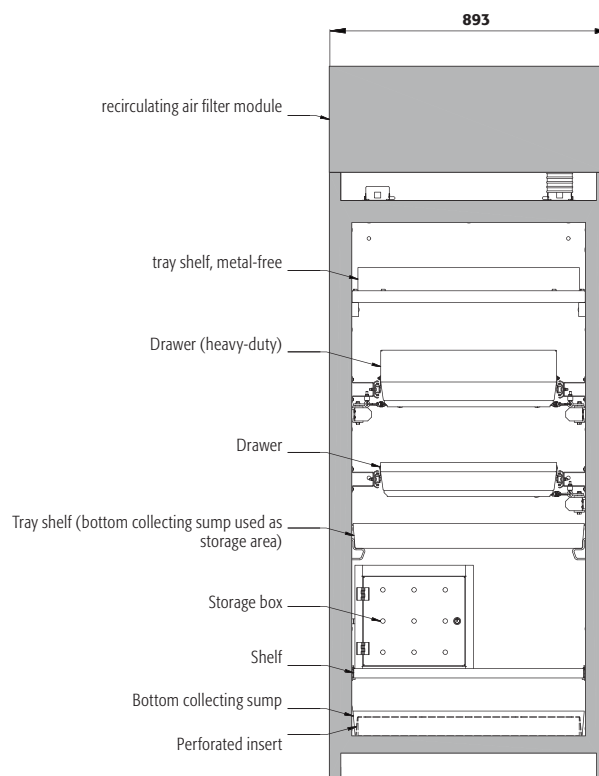with multistage filter system
Order No. 32950 2

| Front view	Side view	Selectional view

Front view

893

1954
2294

820

Side view

615

Selectional view

893

recirculating air filter module

tray shelf, metal-free

Drawer (heavy-duty)

Drawer

Tray shelf (bottom collecting sump used as storage area)

Storage box

Shelf

Bottom collecting sump

Perforated insert

Technical data		FX90.229.090.WDAC
External dimensions W x D x H	mm	893 x 615 x 2294
Internal dimensions W x D x H	mm	750 x 522 x 1647
Weight without interior equip.	kg	370
Distributed load	kg/m²	667
Maximum load	kg	600
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50
Transport base		
Entry height transport base	mm	90
Entry width transport base	mm	820

Top view

1016

89°   89°

706
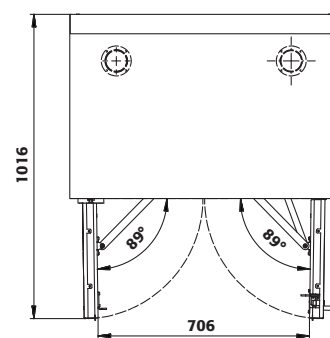
FX90.229.090.WDAC Drawers/number		9	8	7	6	5	4+1	4	3	2
Distance	❾ (mm)	150								
Distance	❽ (mm)	135	150							
Distance	❼ (mm)	135	170	185						
Distance	❻ (mm)	135	170	200	250					
Distance	❺ (mm)	135	170	200	230	250	250			
Distance	❹ (mm)	135	170	200	230	295	230	345		
Distance	❸ (mm)	135	170	200	230	295	230	360	440	
Distance	❷ (mm)	170	170	200	230	295	230	360	520	890
Distance	❶ (mm)	200	200	200	230	295	490	390	520	615

Standard storage heights of the drawers

FX90.229.090.WDAC Shelves/number				4	3
Distance	❹ (mm)			320	
Distance	❸ (mm)			350	420
Distance	❷ (mm)			350	450
Distance	❶ (mm)			290	380

Standard storage heights of the shelves

FX90.229.090.WDAC Quantity	Type of container	Container size
49	Aerosol cans	400 ml
23	Cans	1 litre
23	Laboratory glass bottles	1 litre
23	Laboratory PE-bottles	1 litre
9	Laboratory glass bottles	2.5 litres

Storage capacities per drawer/type of container
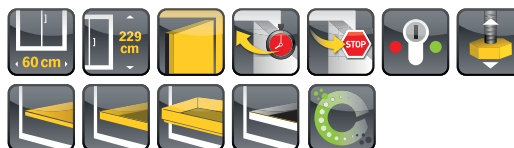
❸

❷

❶

FX
CX
SLX

asecos
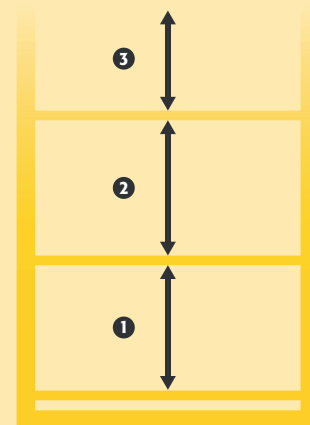
Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.060.WDAC
Body colour Anthracite grey (RAL 7016), with wing door in Traffic red (RAL 3020), interior equipment with 3 x shelf, 1 x perforated insert, 1 x bottom collecting sump (sheet steel powder-coated)
Order No. 32915-046-33600 🔟
(base cover optional)

NEW | **90** EN 14470-1 | **GS** MPA Dresden geprüfte Sicherheit EK5 / AK4 / EN 14727 | **EN 14727** | **CE** | **5 Years Warranty**

229 cm · 60 cm ·

Safe and approved storage of flammable liquids and further hazardous substances

Function / construction:

Cabinet body
- **robust construction and longevity:** triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- **user-friendly and safe:** door open arrest system (standard), convenient and safe removal or storage of containers
- **always closed:** serial automatic door closing (TSA) releases arrested door after approx. 60 seconds; acoustic and visual signal before closing
- **no unauthorised use:** door lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)

- **easy transport:** integrated transport base with removable, optional base cover
- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction and filter monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- ATEX compliant: CE Ex II 3/-G Ex ic nA IIB T4 Gc

Manual test device
Easy monitoring of the filter saturation when storing inorganic substances

Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Metal-free interior equipment
Ideal for the storage of flammable, aggressive hazardous substances. Tray shelves with chemical resistant surface lamination and removable plastic sump, bottom collecting plastic sump.

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service life-times and filter recycling

Available equipment
- shelves with load capacity of 75 kg
- tray shelves with load capacity of 150 kg
- perforated insert useable as storage area
- bottom collecting sump
- drawers – high storage capacity, optimal use of the available storage capacities
- drawers heavy-duty with load capacity of 100 kg
- metal-free tray shelves and collecting sumps
- storage box
- sump inliner (PE or PP)

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Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.060.WDAC
Body colour Anthracite grey (RAL 7016), with wing door in Warning yellow
(RAL 1004), interior equipment with 4 x drawer (sheet steel powder-coated)
Order No. 32915-040-33608 [6]

(base cover optional)
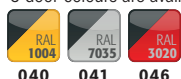
Recirculating air filter storage cabinet
FX-PEGASUS-90 model FX90.229.060.WDAC
Body colour Anthracite grey (RAL 7016), with wing door in Light grey
(RAL 7035), interior equipment with 6 x drawer (sheet steel powder-coated)
Order No. 32915-041-33610 [6]

(base cover optional)

3 door colours are available **at no extra cost:**

RAL 1004	RAL 7035	RAL 3020
040	**041**	**046**

AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32915 — **040** — **33608**

	Model	Information / equipment	Order No.
	FX90.229.060.WDAC	without interior equipment, left hinged	32915
	FX90.229.060.WDACR	without interior equipment, right hinged	32920

	Body colour	Door colour	Order No.
	Anthracite grey RAL 7016	Warning yellow RAL 1004	040 [6]
	Anthracite grey RAL 7016	Light grey RAL 7035	041 [6]
	Anthracite grey RAL 7016	Traffic red RAL 3020	046 [6]

	Interior equipment packages (can only be ordered in combination with the cabinet)	Material		Order No.	
				old code	new code
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035		30076	33600 [2]
	4x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035		30077	33602 [2]
	3x shelf, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035		30078	33603 [2]
	4x shelf, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035		30079	33604 [2]
	3x tray shelf (V=12.0L), 1x perforated insert, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated RAL 7035		30080	33606 [10]
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	stainless steel		30081	30081 [2]
	4x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	stainless steel		30082	30082 [2]
	3x shelf, 1x bottom collecting sump (V=22.0L)	stainless steel		30083	30083 [2]
	4x shelf, 1x bottom collecting sump (V=22.0L)	stainless steel		30084	30084 [2]
	3x tray shelf (V=12.0L), 1x perforated insert, 1x bottom collecting sump (V=33.0L)	stainless steel		30085	30085 [10]
	3x tray shelf (V=11.0L), 1x bottom collecting sump (V=11.0L)	PP grey	HIGHLIGHT	30086	30086 [2]
	4x tray shelf (V=11.0L), 1x bottom collecting sump (V=11.0L)	PP grey	HIGHLIGHT	30087	30087 [2]
	4x drawer (V=5.0L)	sheet steel powder-coated RAL 7035		30088	33608 [2]
	5x drawer (V=5.0L)	sheet steel powder-coated RAL 7035		30089	33609 [2]
	6x drawer (V=5.0L)	sheet steel powder-coated RAL 7035		30090	33610 [2]
	3x drawer (V=5.0L), 1x drawer (disposal) (V=30.0L)	sheet steel powder-coated RAL 7035		30091	33612 [2]
	4x drawer (V=5.0L), 1x drawer (disposal) (V=30.0L)	sheet steel powder-coated RAL 7035		30092	33613 [2]
	4x drawer (V=5.0L)	stainless steel		30093	33616 [2]
	5x drawer (V=5.0L)	stainless steel		30094	33617 [2]
	6x drawer (V=5.0L)	stainless steel		30095	33618 [2]
	3x drawer (V=5.0L), 1x drawer (disposal) (V=30.0L)	stainless steel		30096	33619 [2]
	4x drawer (V=5.0L), 1x drawer (disposal) (V=30.0L)	stainless steel		30097	33620 [2]

FX
SLX
CX

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Individual configuration of model FX90.229.060.WDAC

Model	Information / equipment	W x D x H (mm)	Order No.
FX90.229.060.WDAC	without interior equipment, left hinged	599 x 615 x 2294	32915
FX90.229.060.WDACR	without interior equipment, right hinged	599 x 615 x 2294	32920

Body colour	Door colour		Order No.
Anthracite grey RAL 7016	Traffic red RAL 3020		046 6
Anthracite grey RAL 7016	Warning yellow RAL 1004		040 6
Anthracite grey RAL 7016	Light grey RAL 7035		041 6

Interior equipment	Material	W x D x H (mm)	Kg 1)	L 2)	max 3)	Order No. old code	new code
shelf	sheet steel powder-coated RAL 7035	440 x 432 x 30*	75.00			30098	30098 ②
	stainless steel	440 x 432 x 30*	75.00			30102	30102 ②
tray shelf	sheet steel powder-coated RAL 7035	427 x 442 x 70*	150.00	12.00	10.91	30099	30099 ②
	stainless steel	427 x 442 x 70*	150.00	12.00	10.91	30103	30103 6
tray shelf, metal-free	PP grey	424 x 472 x 67*	50.00	13.00	11.82	30106	30106 ②
perforated insert	sheet steel powder-coated RAL 7035	420 x 439 x 60	75.00			5555	5555 ②
	stainless steel	425 x 439 x 60	75.00			5776	5776 ②
bottom collecting sump	sheet steel powder-coated RAL 7035	442 x 507 x 127		22.00	20.00	30100	33594 ②
	stainless steel	418 x 433 x 120*		22.00	20.00	30104	30104 ②
bottom collecting sump, height = 180 mm	sheet steel powder-coated RAL 7035	409 x 474 x 171*		33.00	30.00	30101	33605 ②
bottom collecting sump, height = 170 mm	stainless steel	439 x 454 x 170*		33.00	30.00	30105	30105 6
bottom collecting sump, metal-free	PP grey	422 x 472 x 67*		12.50	11.36	25424	25424 ②
drawer	sheet steel powder-coated RAL 7035	345 x 500 x 50*	25.00	5.00	4.55	30108	33607 ②
	stainless steel	345 x 500 x 50*	25.00	5.00	4.55	30110	33614 ②
drawer (disposal)	sheet steel powder-coated RAL 7035	329 x 462 x 200*	50.00	30.00		30109	30109 ②
	stainless steel	329 x 462 x 150*	50.00	30.00		30111	30111 ②
storage box, left hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30029	30029 ②
storage box, right hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30030	30030 ②
sump inliner, for drawer disposal	PP grey	318 x 449 x 66*				18472	18472 ②
sump inliner	PP grey	353 x 406 x 88*				9706	9706 ②
sump inliner, for drawer disposal	PP black	313 x 413 x 171*				18474	18474 ②
anti-slip rubber mat, for drawer disposal	black	495 x 340 x 1				8719	8719 ②
pipe lead-through	sheet steel powder-coated RAL 7035	182 x 104 x 48				30035	30035 ②
base cover	sheet steel powder-coated textured RAL 7016	524 x 35 x 85				30112	30112 ②
Q-mover, 2 pieces	steel powder-coated textured RAL 7016	600 x 140 x 130	450.00			30037	30037 ②
box for chemicals	PP blue	410 x 300 x 260		18.00	16.36	30038	30038 ②
document holder, DIN A5	polystyrene					30793	30793 ②

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

**Activated carbon
replacement filter**
with multistage filter system
Order No. 32951 ②

Front view

599

2294
1954

526

Side view

615

Selectional view

599

recirculating air filter module

tray shelf, metal-free

Drawer

Tray shelf (bottom collecting sump used as storage area)

Storage box

Shelf

Bottom collecting sump

Perforated insert

Technical data		FX90.229.060.WDAC
External dimensions W x D x H	mm	599 x 615 x 2294
Internal dimensions W x D x H	mm	450 x 522 x 1647
Weight without interior equip.	kg	287
Distributed load	kg/m²	915
Maximum load	kg	600
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50
Transport base		
Entry height transport base	mm	90
Entry width transport base	mm	526

Top view

1129

89°

FX90.229.060.WDAC TIG#002#	Standard storage heights of the drawers									
	9	8	7	6	5	4+1	4	3+1	3	2
Distance ❾ (mm)	145									
Distance ❽ (mm)	135	145								
Distance ❼ (mm)	135	170	180							
Distance ❻ (mm)	135	170	200	240						
Distance ❺ (mm)	135	170	200	230	240	145				
Distance ❹ (mm)	135	170	200	230	295	230	340	275		
Distance ❸ (mm)	135	170	200	230	295	230	360	295	435	
Distance ❷ (mm)	170	170	200	230	295	230	360	295	520	880
Distance ❶ (mm)	200	200	200	230	295	475	390	475	520	615

FX90.229.060.WDAC Shelves/number	Standard storage heights of the shelves	
	4	3
Distance ❹ (mm)	320	
Distance ❸ (mm)	350	420
Distance ❷ (mm)	350	450
Distance ❶ (mm)	290	380

FX90.229.060.WDAC Quantity	Storage capacities per drawer/type of container	
	Type of container	Container size
30	Aerosol cans	400 ml
12	Cans	1 litre
12	Laboratory glass bottles	1 litre
12	Laboratory PE-bottles	1 litre
6	Laboratory glass bottles	2.5 litres

❸

❷

❶

FX
CX
SLX

asecos

NEW

90 EN 14470-1

MPA Dresden GS geprüfte Sicherheit — EK5 / AK4 / EN 14727

EN 14727

CE

5 Years Warranty

120 cm — 229 cm
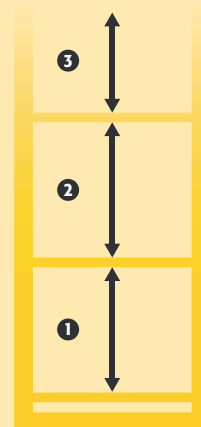
Safe and approved storage of flammable liquids and further hazardous substances

Function / construction:

Cabinet body
- **robust construction and longevity:** triple hinged door, safety elements assembled outside the storage compartment for increased protection against corrosion, scratch- and impact-resistant surface, easy to clean
- **two in one:** 2 compartments (vertical separation) allow the separated storage of different hazardous materials in one cabinet
- **easy handling with comfort:** doors stop in any position, self-closing in the event of fire
- **no unauthorised use:** doors lockable with cylinder locking (integration in an existing locking system possible) and locking state indicator (red/green)

- **easy transport:** integrated transport base with removable, optional base cover
- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction and filter monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- ATEX compliant: CE Ⓔx II 3/-G Ex ic nA IIB T4 Gc

Recirculating air filter storage cabinet
FX-CLASSIC-90 model FX90.229.120.MV
Body colour Anthracite grey (RAL 7016), with wing doors in Traffic red (RAL 3020), interior equipment with 3 x shelf, 1 x perforated insert, 1 x bottom collecting sump (sheet steel powder-coated), 3 x tray shelf, 1 x bottom collecting sump (PP)

Order No. 33286-046-33656 Ⓖ

(base cover optional)

Left compartment

Right compartment

Available equipment
Compartment for the storage of flammable liquids
- shelves with load capacity of 75 kg
- tray shelves with load capacity of 150 kg
- perforated insert useable as storage area
- bottom collecting sump
- drawers – high storage capacity, optimal use of the available storage capacities
- metal-free tray shelves and collecting sumps
- storage box
- sump inliner (PE or PP)

Compartment for the storage of aggressive, non flammable hazardous materials
- metal-free tray shelves and collecting sumps
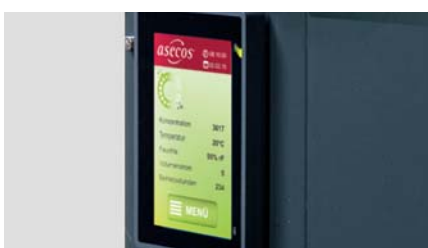
Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service life-times and filter recycling

Manual test device
Easy monitoring of the filter saturation when storing inorganic substances

Separate storage
Dividing wall allows the spatial separated storage of different hazardous materials

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Recirculating air filter storage cabinet
FX-CLASSIC-90 model FX90.229.120.MV
Body colour Anthracite grey (RAL 7016), with wing doors in Light grey
(RAL 7035), interior equipment with 3 x tray shelf, 1 x bottom collecting sump
(PP), 6 x drawer (sheet steel powder-coated)
Order No. 33286-041-33657 6

(base cover optional)

Recirculating air filter storage cabinet
FX-CLASSIC-90 model FX90.229.120.MV
Body colour Anthracite grey (RAL 7016), with wing doors in Warning yellow
(RAL 1004), interior equipment with 3 x shelf, 1 x perforated insert, 1 x bottom
collecting sump (stainless steel), 3 x tray shelf, 1 x bottom collecting sump (PP)
Order No. 33286-040-33544 6

(base cover optional)

3 door colours are available **at no extra cost:**

RAL 1004 — 040
RAL 7035 — 041
RAL 3020 — 046

AVAILABLE from the first quarter of 2016

Order example - how to order correctly

33286 — 040 — 33657

	Model	Information / equipment	Order No.
	FX90.229.120.MV	without interior equipment, with vertical dividing wall	33286

	Body colour	Door colour	Order No.
	Anthracite grey RAL 7016	Warning yellow RAL 1004	040 6
	Anthracite grey RAL 7016	Light grey RAL 7035	041 6
	Anthracite grey RAL 7016	Traffic red RAL 3020	046 6

	Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.	
			old code	new code
	left: 3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L) right: 3x tray shelf (V=13.0L), 1x bottom collecting sump (V=11.0L)	sheet steel powder-coated RAL 7035, PP black	33543	33656 2
	left: 3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L) right: 3x tray shelf (V=13.0L), 1x bottom collecting sump (V=12.5L)	stainless steel, PP grey	33544	33544 2
	left: 6x drawer (V=5.0L) right: 3x tray shelf (V=13.0L), 1x bottom collecting sump (V=11.0L)	PP black, sheet steel powder-coated RAL 7035	33545	33657 2
	left: 6x drawer (V=5.0L) right: 3x tray shelf (V=13.0L), 1x bottom collecting sump (V=11.0L)	PP black, stainless steel	33546	33658 2

FX
SLX
CX

asecos

Individual configuration of model FX90.229.120.MV

Model	Information / equipment	W x D x H (mm)	Order No.
FX90.229.120.MV	without interior equipment, with vertical dividing wall	1193 x 615 x 2294	33286

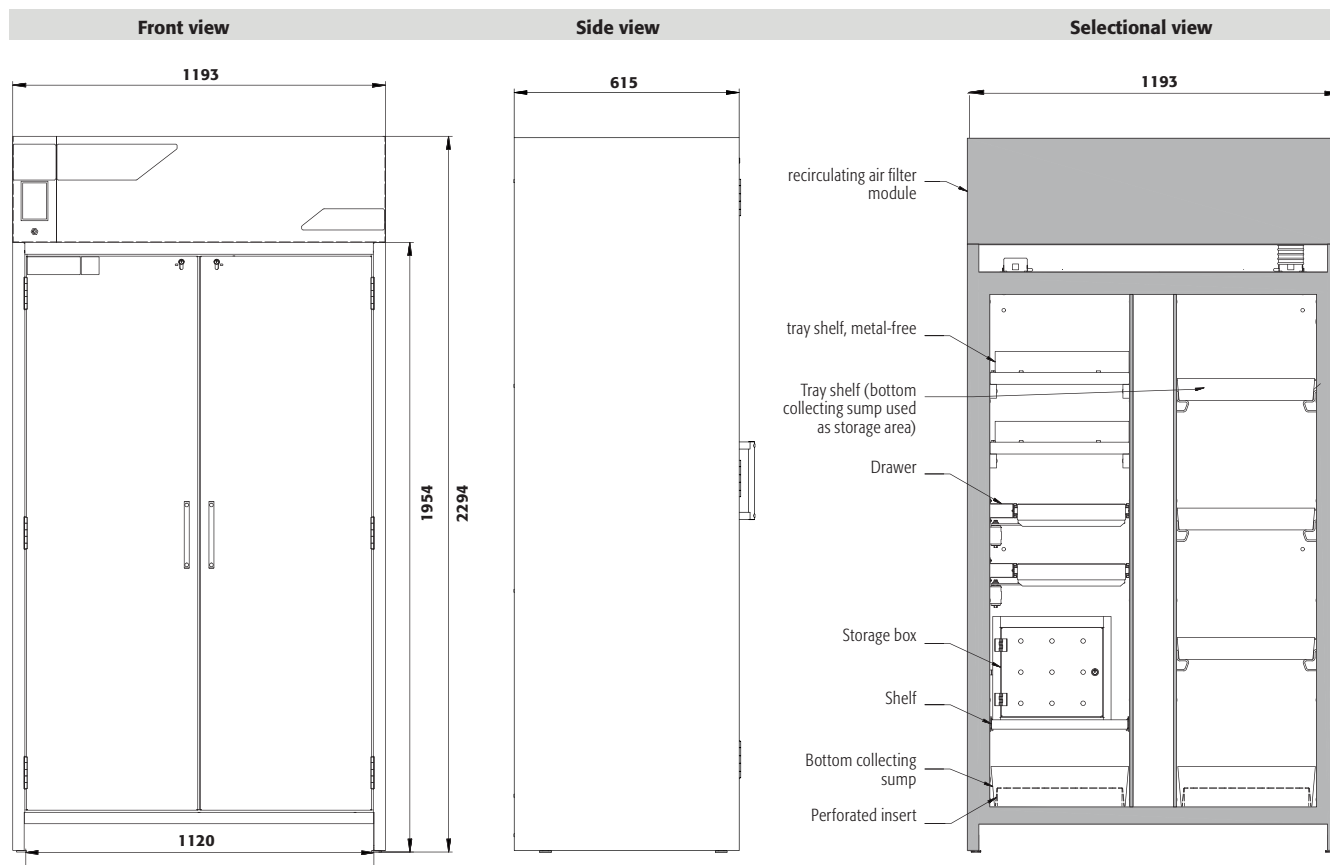| Body colour	Door colour	Order No.
Anthracite grey RAL 7016	Warning yellow RAL 1004	040 6
Anthracite grey RAL 7016	Light grey RAL 7035	041 6
Anthracite grey RAL 7016	Traffic red RAL 3020	046 6

Interior equipment	Material	W x D x H (mm)	1)	2)	3)	Order No. old code	new code
shelf	sheet steel powder-coated RAL 7035	440 x 432 x 30*	75.00			30098	30098 ②
	stainless steel	440 x 432 x 30*	75.00			30102	30102 ②
tray shelf	sheet steel powder-coated RAL 7035	427 x 442 x 70*	150.00	12.00	10.91	30099	30099 ②
	stainless steel	427 x 442 x 70*	150.00	12.00	10.91	30103	30103 6
tray shelf, metal-free	PP grey	424 x 472 x 67*	50.00	13.00	11.82	30106	30106 ②
perforated insert	sheet steel powder-coated RAL 7035	420 x 439 x 60	75.00			5555	5555 ②
	stainless steel	425 x 439 x 60	75.00			5776	5776 ②
bottom collecting sump	sheet steel powder-coated RAL 7035	442 x 507 x 127		22.00	20.00	30100	33594 ②
	stainless steel	418 x 433 x 120*		22.00	20.00	30104	30104 ②
bottom collecting sump, height = 180 mm	sheet steel powder-coated RAL 7035	409 x 474 x 171*		33.00	30.00	30101	33605 ②
bottom collecting sump, height = 170 mm	stainless steel	439 x 454 x 170*		33.00	30.00	30105	30105 6
bottom collecting sump, metal-free	PP grey	422 x 472 x 67*		12.50	11.36	25424	25424 ②
drawer	sheet steel powder-coated RAL 7035	345 x 500 x 50*	25.00	5.00	4.55	30108	33607 ②
	stainless steel	345 x 500 x 50*	25.00	5.00	4.55	30110	33614 ②
drawer (disposal)	sheet steel powder-coated RAL 7035	329 x 462 x 200*	50.00	30.00		30109	30109 ②
	stainless steel	329 x 462 x 150*	50.00	30.00		30111	30111 ②
storage box, left hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30029	30029 ②
storage box, right hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30030	30030 ②
sump inliner, for drawer disposal	PP grey	318 x 449 x 66*				18472	18472 ②
sump inliner	PP grey	353 x 406 x 88*				9706	9706 ②
sump inliner, for drawer disposal	PP black	313 x 413 x 171*				18474	18474 ②
anti-slip rubber mat, for drawer disposal	black	495 x 340 x 1				8719	8719 ②
pipe lead-through	sheet steel powder-coated RAL 7035	182 x 104 x 48				30035	30035 ②
transport base, height = 118 mm	steel powder-coated RAL 7035	1195 x 610 x 118				30171	30171 ②
base cover	sheet steel powder-coated textured RAL 7016	1118 x 35 x 85				30036	30036 ②
Q-mover, 2 pieces	steel powder-coated textured RAL 7016	600 x 140 x 130	450.00			30037	30037 ②
box for chemicals	PP blue	410 x 300 x 260		18.00	16.36	30038	30038 ②
document holder, DIN A5	polystyrene					30793	30793 ②

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

Activated carbon replacement filter
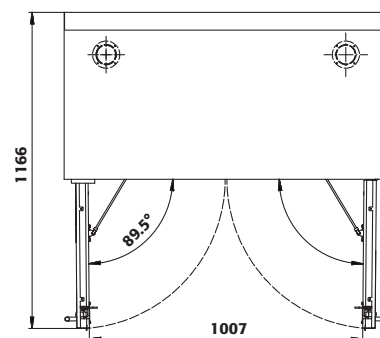with multistage filter system
Order No. 32950 ②

asecos

Front view	Side view	Selectional view

Front view
1193
1954
2294
1120

Side view
615

Selectional view
1193

- recirculating air filter module
- tray shelf, metal-free
- Tray shelf (bottom collecting sump used as storage area)
- Drawer
- Storage box
- Shelf
- Bottom collecting sump
- Perforated insert

FX
CX
SLX

Technical data		FX90.229.120.MV
External dimensions W x D x H	mm	1193 x 615 x 2294
Internal dimensions W x D x H	mm	left: 450 x 522 x 1647
		right: 450 x 522 x 1647
Weight without interior equip.	kg	554
Distributed load	kg/m²	595
Maximum load	kg	600
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50
Transport base		
Entry height transport base	mm	90
Entry width transport base	mm	1120

Top view
1166
89.5°
1007

FX90.229.120.MV

Standard storage heights of the drawers (right or left side)

Drawers/number		9	8	7	6	5	4+1	4	3+1	3	2
Distance	❾ (mm)	145									
Distance	❽ (mm)	135	145								
Distance	❼ (mm)	135	170	180							
Distance	❻ (mm)	135	170	200	240						
Distance	❺ (mm)	135	170	200	230	240	145				
Distance	❹ (mm)	135	170	200	230	295	230	340	275		
Distance	❸ (mm)	135	170	200	230	295	230	360	295	435	
Distance	❷ (mm)	170	170	200	230	265	230	360	295	520	880
Distance	❶ (mm)	200	200	200	230	295	475	390	475	520	615

FX90.229.120.MV

Standard storage heights of the shelves (right or left side)

Shelves/number		4	3
Distance	❹ (mm)	320	
Distance	❸ (mm)	350	420
Distance	❷ (mm)	350	450
Distance	❶ (mm)	290	380

FX90.229.120.MV

Storage capacities per drawer/type of container

Quantity	Type of container	Container size
30	Aerosol cans	400 ml
12	Cans	1 litre
12	Laboratory glass bottles	1 litre
12	Laboratory PE-bottles	1 litre
6	Laboratory glass bottles	2.5 litres

asecos

NEW | **30** EN 14470-1 | **GS** MPA Dresden EK5 / AK4 / EN 14727 | **EN 14727** | **CE** | **5 Years Warranty**

86 cm | 229 cm

Safe and approved storage of flammable liquids and further hazardous substances
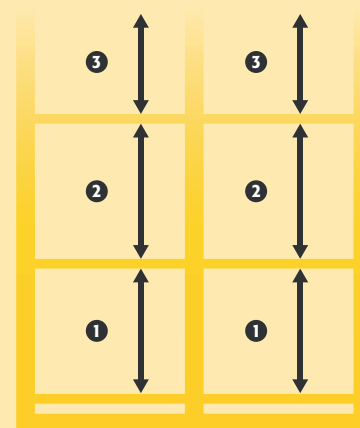
Recirculating air filter storage cabinet
FX-DISPLAY-30 model FX30.229.086.WDFW
Body colour Anthracite grey, with wing door incl. glass cutout in Warning yellow (RAL 1004), interior equipment with 3 x shelf, 1 x perforated insert, 1 x bottom collecting sump (sheet steel powder-coated)
Order No. 32946-060-33622 6
(base cover optional)

Function / construction:

Cabinet body
- **robust construction and longevity:** triple hinged door, cabinet body made of melamine resin and flame retardant special plates, safety elements assembled outside the storage compartment for increased protection against corrosion, doors with metal front as well as scratch-and impact-resistant surface, easy to clean
- **all containers at a glance:** door with large glass cutout allows a quick and easy overview of the stored containers – even with closed doors
- **easy handling with comfort:** door stops in any position, self-closing in the event of fire
- **no unauthorised use:** door lockable with profile cylinder (integration in an existing locking system possible)

- **easy transport:** integrated transport base with removable, optional base cover or adjusting aids with base cover
- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction and filter monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- ATEX compliant: CE⟨Ex⟩ II 3/-G Ex ic nA IIB T4 Gc

Available equipment
- shelves with load capacity of 75 kg
- tray shelves with load capacity of 150 kg
- perforated insert useable as storage area
- bottom collecting sump
- drawers – high storage capacity, optimal use of the available storage capacities
- drawers heavy-duty with load capacity of 100 kg
- metal-free tray shelves and collecting sumps
- storage box
- sump inliner (PE or PP)

LARGE STORAGE CAPACITY – QUICK GLANCE AT THE STORED ITEMS

Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service lifetimes and filter recycling

asecos®

Recirculating air filter storage cabinet
FX-DISPLAY-30 model FX30.229.086.WDFW
Body colour Anthracite grey, with wing door in Light grey (RAL 7035), interior equipment with 4 x drawer (sheet steel powder-coated)
Order No. 32946-061-33627 6
(base cover optional)

Recirculating air filter storage cabinet
FX-DISPLAY-30 model FX30.229.086.WDFW
Body colour Anthracite grey, with wing door in Traffic red (RAL 3020), interior equipment with 6 x drawer (sheet steel powder-coated)
Order No. 32946-066-33629 6
(base cover optional)

3 door colours are available **at no extra cost:**

RAL 1004	RAL 7035	RAL 3020
060	**061**	**066**

AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32946 — **060** — **33627**

	Model	Information / equipment	Order No.
	FX30.229.086.WDFW	without interior equipment, with wing door incl. glass cutout, left hinged	32946

	Body colour	Door colour		Order No.
	Anthracite grey	Warning yellow RAL 1004		060 6
	Anthracite grey	Light grey RAL 7035		061 6
	Anthracite grey	Traffic red RAL 3020		066 6

	Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.	
			old code	new code
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30043	33622 2
	4x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30044	33623 2
	3x shelf, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30045	33624 2
	4x shelf, 1x bottom collecting sump (V=22.0L)	sheet steel powder-coated RAL 7035	30046	33625 2
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	stainless steel	30047	30047 2
	4x shelf, 1x perforated insert, 1x bottom collecting sump (V=22.0L)	stainless steel	30048	30048 2
	3x shelf, 1x bottom collecting sump (V=22.0L)	stainless steel	30049	30049 2
	4x shelf, 1x bottom collecting sump (V=22.0L)	stainless steel	30050	30050 2
	3x tray shelf (V=22.0L), 1x bottom collecting sump (V=22.0L) HIGHLIGHT	PP grey	30051	30051 2
	4x tray shelf (V=22.0L), 1x bottom collecting sump (V=22.0L) HIGHLIGHT	PP grey	30052	30052 2
	4x drawer (V=19.0L)	sheet steel powder-coated RAL 7035	30053	33627 2
	5x drawer (V=19.0L)	sheet steel powder-coated RAL 7035	30054	33628 2
	6x drawer (V=19.0L)	sheet steel powder-coated RAL 7035	30055	33629 2
	4x drawer (V=19.0L)	stainless steel	30056	33631 10
	5x drawer (V=19.0L)	stainless steel	30057	33632 10
	6x drawer (V=19.0L)	stainless steel	30058	33633 10

FX SLX CX

asecos

Individual configuration of model FX30.229.086.WDFW

Model	Information / equipment	W x D x H (mm)	Order No.
FX30.229.086.WDFW	without interior equipment, with wing door incl. glass cutout, left hinged	860 x 620 x 2290	32946

Body colour	Door colour		Order No.
Anthracite grey	Warning yellow RAL 1004		060 6
Anthracite grey	Light grey RAL 7035		061 6
Anthracite grey	Traffic red RAL 3020		066 6

Interior equipment		Material	W x D x H (mm)	1)	2)	3)	Order No. old code	new code
	shelf	sheet steel powder-coated RAL 7035	740 x 432 x 30*	75.00			30059	30059 ❷
		stainless steel	740 x 432 x 30*	75.00			30061	30061 ❷
	tray shelf, metal-free	PP grey	702 x 472 x 74*	50.00	23.00	20.91	30063	30063 ❷
	perforated insert	sheet steel powder-coated RAL 7035	742 x 417 x 70	75.00			11165	11165 ❷
		stainless steel	742 x 417 x 70	75.00			11168	11168 ❷
	bottom collecting sump	sheet steel powder-coated RAL 7035	724 x 489 x 83*		22.00	20.00	30060	33621 ❷
		stainless steel	724 x 489 x 83*		23.00	20.91	30062	30062 ❷
	bottom collecting sump, metal-free	PP grey	702 x 472 x 74*		23.00	20.91	26990	26990 ❷
	drawer	sheet steel powder-coated RAL 7035	544 x 488 x 90*	60.00	19.00	17.27	30065	33626 ❷
		stainless steel	544 x 488 x 90*	60.00	19.00	17.27	30067	33630 ❿
	drawer (heavy-duty)	sheet steel powder-coated RAL 7035	543 x 487 x 162*	100.00	45.00		30066	30066 6
		stainless steel	543 x 487 x 162*	100.00	45.00		30068	30068 ❿
	storage box, left hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30029	30029 ❷
	storage box, right hinged	sheet steel powder-coated RAL 7035	380 x 420 x 360				30030	30030 ❷
	sump inliner, for drawer	polyethylene white	536 x 480 x 90*		22.00	20.00	27948	27948 ❷
	sump inliner, for shelf	PP grey	653 x 406 x 88*				9707	9707 ❷
	anti-slip rubber mat, for drawer	black	540 x 490 x 1				15653	15653 ❷
	pipe lead-through	sheet steel powder-coated RAL 7035	182 x 104 x 48				30035	30035 ❷
	base cover, with adjusting device (available for order only in combination with cabinet)	panel melamine resin-coated RAL 7016	788 x NaN				31010	31010 ❷
	base cover	panel melamine resin-coated RAL 7016					31924	31924 ❷
	Q-mover, 2 pieces	steel powder-coated textured RAL 7016	600 x 140 x 130	450.00			30037	30037 ❷
	box for chemicals	PP blue	410 x 300 x 260		18.00	16.36	30038	30038 ❷

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

Activated carbon replacement filter
with multistage filter system
Order No. 32951 ❷

Front view

864

1490
1947
2287

273
90

712

Side view

620

Selectional view

1164

recirculating air filter module

tray shelf, metal-free

Storage box

Shelf

Tray shelf (bottom collecting sump used as storage area)

Drawer

Drawer (heavy-duty)

Bottom collecting sump

Perforated insert

FX CX SLX

Technical data		FX30.229.086.WDFW
External dimensions W x D x H	mm	860 x 620 x 2290
Internal dimensions W x D x H	mm	750 x 519 x 1626
Weight without interior equip.	kg	245
Distributed load	kg/m²	608
Maximum load	kg	600
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50

Transport base

Entry height transport base	mm	90
Entry width transport base	mm	788

Top view

864

1394

90°
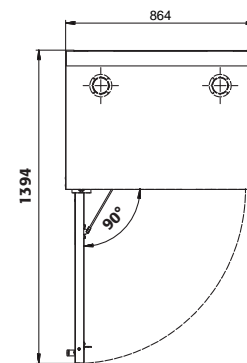
FX30.229.086.WDFW Drawers/number	**Standard storage heights of the drawers**								
	9	8	7	6	5	4+1	4	3	2
Distance ❾ (mm)	130								
Distance ❽ (mm)	135	130							
Distance ❼ (mm)	135	170	160						
Distance ❻ (mm)	135	170	200	225					
Distance ❺ (mm)	135	170	200	230	225	225			
Distance ❹ (mm)	135	170	200	230	295	230	320		
Distance ❸ (mm)	135	170	200	230	295	230	360	420	
Distance ❷ (mm)	170	170	200	230	295	230	360	520	865
Distance ❶ (mm)	200	200	200	230	295	490	390	520	615

FX30.229.086.WDFW Shelves/number	**Standard storage heights of the shelves**							4	3
Distance ❹ (mm)								370	
Distance ❸ (mm)								285	400
Distance ❷ (mm)								315	380
Distance ❶ (mm)								315	410

FX30.229.086.WDFW Quantity	**Storage capacities per drawer/type of container**	
	Type of container	Container size
49	Aerosol cans	400 ml
23	Cans	1 litre
23	Laboratory glass bottles	1 litre
23	Laboratory PE-bottles	1 litre
9	Laboratory glass bottles	2.5 litres

❸

❷

❶

Overview: model classes CX-CLASSIC-G and CX-CLASSIC-MultiRisk

Safe and approved storage of waterpollutants, non flammable liquids and toxics in working areas according to TRGS 510

Multifunctional
- the CX-LINE recirculating air filter storage cabinets enable the common storage, extraction and filtration of the most diverse hazardous materials in one cabinet

Flexibility³
- flexibility in the choice of the place of installation
- flexibility in the storage of different hazardous materials
- flexibility in the choice of the appropriate interior equipment

Extraction and filtration
- filtration of inorganic and/or weakly aggressive hazardous materials
- recirculating air filter tested and certified by accredited testing body (Infraserv Höchst) in accordance with GefahrstoffV (German Hazardous Substances Act)

Further features of this model class

Safety in operation
- The filters used for the filtering of inorganic hazardous materials must be checked with all models by means of a manual testing device for filter saturation. This is supported by an electronic reminder function (visual and acoustic). The check itself takes place using suitable means of testing (e.g. test tube with pump)

Modern bicolour system
- body in modern Anthracite grey
- cabinet doors available in Pure white or Light grey

Eco-friendly
- long filter lifetimes
- environmentally and customer-friendly reusable filter system

Possible interior equipment
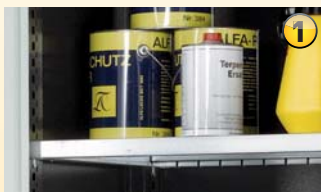
- **height-adjustable shelves** in different versions
- **pull-out shelves** incl. **sump** made of plastic
- **bottom collecting sump –** safe collection of leckages
- usable as storage level in conjuction with perforated insert

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Recirculating air filter storage cabinets for the storage, extraction and filtration of non-flammable, slightly aggressive chemicals and toxic substances

· **excellent products with special manufacturer warranty**
· extended **manufacturer warranty of up to five years** in connection with an asecos service tariff

· VDE approval **of the monitoring electronics**

· **effectiveness confirmed** by extensive testing in collaboration with the accredited test center for hazardous materials **infraserv Höchst Co.**
· summary of the test report available on request

NEW **CE**

5 Years Warranty*

◀105 cm▶ | 229 cm

Safe and approved storage of waterpollutants, non flammable liquids and toxics in working areas according to TRGS 510

Function / construction:

Cabinet body
- **robust construction and longevity:** robust, high-quality, scratch-resistant outer body with powder-coated textured surface
- **no unauthorised use:** doors lockable with cylinder locking (integrated in the turning handle)
- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- manual check of the filter saturation

Recirculating air filter storage cabinet
CX-CLASSIC-G model CX.229.105.WDFW
Body colour Anthracite grey (RAL 7016), with wing doors incl. glass cutouts in Light grey (RAL 7035), interior equipment with 3 x shelf, 1 x perforated insert, 1 x bottom collecting sump (sheet steel galvanised)
Order No. 32925-041-30508 6

Technical data		CX.229.105.WDFW
External dimensions W x D x H	mm	1055 x 520 x 2290
Internal dimensions W x D x H	mm	996 x 493 x 1835
Weight without interior equip.	kg	105
Distributed load	kg/m²	440
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50

Available equipment
- shelves – optionally in galvanised or painted version, height adjustable
- perforated insert useable as storage area
- bottom collecting sump – optionally in galvanised or painted version, liquid-tight
- pull-out shelves with removable plastic sump

Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service lifetimes and filter recycling

Manual test device
Easy monitoring of the filter saturation when storing inorganic substances

Extraction and filtration
Filtration of solvent vapours (hydrocarbons) as well as inorganic and organic hazardous materials

asecos®

Recirculating air filter storage cabinet
CX-CLASSIC-G model CX.229.105.WDFW
Body colour Anthracite grey (RAL 7016), with wing doors incl. glass cutouts in
Pure white (RAL 9010), interior equipment with 4 x pull-out shelf (sheet steel/
polyethylene powder-coated/–)
Order No. 32925-050-30516 6

Recirculating air filter storage cabinet
CX-CLASSIC-G model CX.229.105.WDFW
Body colour Anthracite grey (RAL 7016), with wing doors incl. glass cutouts in
Light grey (RAL 7035), interior equipment with 6 x pull-out shelf (sheet steel/
polyethylene powder-coated/–)
Order No. 32925-041-30518 6

2 door colours are available **at no extra cost:**

RAL 7035 — **041**
RAL 9010 — **050**

AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32925 — 041 — 30510

Model	Information / equipment	Order No.
CX.229.105.WDFW	without interior equipment, with wing doors incl. glass cutouts	32925

Body colour	Door colour	Order No.
Anthracite grey RAL 7016	Light grey RAL 7035	041 6
Anthracite grey RAL 7016	Pure white RAL 9010	050 6

Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
3x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	sheet steel galvanised	30508 2
3x shelf, 1x bottom collecting sump (V=33.0L)	sheet steel galvanised	30509 2
3x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated, sheet steel galvanised	30510 2
3x shelf, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated, sheet steel galvanised	30511 2
3x shelf, 1x bottom collecting sump with grid (V=33.0L)	sheet steel galvanised, sheet steel painted blue	30512 2
3x shelf, 1x bottom collecting sump with grid (V=33.0L)	sheet steel powder-coated, sheet steel painted blue	30513 2
3x shelf, 1x bottom collecting sump (large) with grid (V=66.0L)	sheet steel galvanised, sheet steel painted blue	30514 2
3x shelf, 1x bottom collecting sump (large) with grid (V=66.0L)	sheet steel powder-coated, sheet steel painted blue	30515 2
4x pull-out shelf (V=33.0L)	sheet steel/polyethylene powder-coated/– grey/black	30516 2
5x pull-out shelf (V=33.0L)	sheet steel/polyethylene powder-coated/– grey/black	30517 2
6x pull-out shelf (V=33.0L)	sheet steel/polyethylene powder-coated/– grey/black	30518 2

Interior equipment	Material	W x D x H (mm)	1)	2)	3)	Order No.
shelf	sheet steel galvanised	993 x 492 x 30	100.00			30519 2
shelf	sheet steel powder-coated	993 x 492 x 30	100.00			30520 2
perforated insert	sheet steel galvanised	976 x 427 x 41	60.00			30521 2
bottom collecting sump	sheet steel galvanised	981 x 430 x 85*		33.00	30.00	30522 2
bottom collecting sump with grid	sheet steel coated blue	984 x 424 x 106*		33.00	30.00	30523 2
bottom collecting sump (large) with grid	sheet steel coated blue	984 x 382 x 175*		66.00	60.00	30524 2
pull-out shelf, with PP sump	sheet steel/polypropylene grey/black	898 x 418 x 80*	30.00	34.00	30.91	30525 2
box for chemicals	PP blue	410 x 300 x 260		18.00	16.36	30038 2

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

Accessories	Material	Order No.
activated carbon replacement filter	activated carbon	32952 2

NEW **CE**

Safe and approved storage of waterpollutants, non flammable liquids and toxics in working areas according to TRGS 510

Function / construction:

Cabinet body
- **robust construction and longevity:** robust, high-quality, scratch-resistant outer body with powder-coated textured surface
- **no unauthorised use:** doors lockable with cylinder locking (integrated in the turning handle)
- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- manual check of the filter saturation

Recirculating air filter storage cabinet
CX-CLASSIC-G model CX.229.081.WDFW
Body colour Anthracite grey (RAL 7016), with wing doors incl. glass cutouts in Light grey (RAL 7035), interior equipment with 4 x pull-out shelf (sheet steel/polyethylene powder-coated/–)
Order No. 32929-041-30548 6

Technical data		CX.229.081.WDFW
External dimensions W x D x H	mm	810 x 520 x 2290
Internal dimensions W x D x H	mm	751 x 493 x 1835
Weight without interior equip.	kg	93
Distributed load	kg/m²	563
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50

Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Available equipment
- shelves – optionally in galvanised or painted version, height adjustable
- perforated insert useable as storage area
- bottom collecting sump – optionally in galvanised or painted version, liquid-tight
- pull-out shelves with removable plastic sump

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service life-times and filter recycling

Manual test device
Easy monitoring of the filter saturation when storing inorganic substances

Extraction and filtration
Filtration of solvent vapours (hydrocarbons) as well as inorganic and organic hazardous materials

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Recirculating air filter storage cabinet
CX-CLASSIC-G model CX.229.081.WDFW
Body colour Anthracite grey (RAL 7016), with wing doors incl. glass cutouts in
Light grey (RAL 7035), interior equipment with 6 x pull-out shelf (sheet steel/
polyethylene powder-coated/–)
Order No. 32929-041-30550 6

Recirculating air filter storage cabinet
CX-CLASSIC-G model CX.229.081.WDFW
Body colour Anthracite grey (RAL 7016), with wing doors incl. glass cutouts in
Pure white (RAL 9010), interior equipment with 3 x shelf, 1 x perforated insert,
1 x bottom collecting sump (sheet steel galvanised)
Order No. 32929-050-30542 6

2 door colours are available **at no extra cost:**

RAL 7035 **041**   RAL 9010 **050**

AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32929 — **041** — **30542**

	Model	Information / equipment	Order No.
	CX.229.081.WDFW	without interior equipment, with wing doors incl. glass cutouts	32929

	Body colour	Door colour	Order No.
	Anthracite grey RAL 7016	Light grey RAL 7035	041 6
	Anthracite grey RAL 7016	Pure white RAL 9010	050 6

	Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	sheet steel galvanised	30542 2
	3x shelf, 1x bottom collecting sump (V=33.0L)	sheet steel galvanised	30543 2
	3x shelf, 1x perforated insert, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated RAL 7035, sheet steel galvanised	30544 2
	3x shelf, 1x bottom collecting sump (V=33.0L)	sheet steel powder-coated RAL 7035, sheet steel galvanised	30545 2
	3x shelf, 1x bottom collecting sump with grid (V=33.0L)	sheet steel galvanised, sheet steel painted blue	30546 2
	3x shelf, 1x bottom collecting sump with grid (V=33.0L)	sheet steel powder-coated RAL 7035, sheet steel painted blue	30547 2
	4x pull-out shelf (V=22.0L)	sheet steel/polyethylene powder-coated/– grey/black	30548 2
	5x pull-out shelf (V=22.0L)	sheet steel/polyethylene powder-coated/– grey/black	30549 2
	6x pull-out shelf (V=22.0L)	sheet steel/polyethylene powder-coated/– grey/black	30550 2

	Interior equipment	Material	W x D x H (mm)	1)	2)	3)	Order No.
	shelf	sheet steel galvanised	748 x 492 x 30	60.00			30551 2
	shelf	sheet steel powder-coated RAL 7035	748 x 492 x 30	60.00			30552 2
	perforated insert	sheet steel galvanised	731 x 412 x 41	60.00			30553 2
	bottom collecting sump	sheet steel galvanised	736 x 415 x 112*		33.00	30.00	30554 2
	bottom collecting sump with grid	sheet steel coated blue	739 x 411 x 129*		33.00	30.00	30555 2
	pull-out shelf, with PP sump	sheet steel/polypropylene grey/black	653 x 418 x 80*	30.00	25.00	22.73	30556 2
	box for chemicals	PP blue	410 x 300 x 260		18.00	16.36	30038 2

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

	Accessories	Material	Order No.
	activated carbon replacement filter	activated carbon	32953 2

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NEW **CE**

5 Years Warranty

229 cm ◀ 105 cm ▶

Safe, approved and separated storage of waterpollutant, non flammable liquids and toxics in working areas according to TRGS 510

Function / construction:

Cabinet body
- **robust construction and longevity:** robust, high-quality, scratch-resistant outer body with powder-coated textured surface
- **all in one:** different compartments (multiple seperation) allow the storage of different hazardous materials in one cabinet
- **no unauthorised use:** doors lockable with cylinder locking (integrated in the turning handle)

- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- manual check of the filter saturation

Recirculating air filter storage cabinet
CX-CLASSIC-MultiRisk model CX.229.105.MM.4WD
Body colour Anthracite grey (RAL 7016), with wing doors in Pure white (RAL 9010), interior equipment with 4 x shelf, 2 x bottom collecting sump, 4 x perforated insert, 2 x bottom collecting sump (sheet steel galvanised)
Order No. 32933-050-30806 6

Technical data		CX.229.105.MM.4WD
External dimensions W x D x H	mm	1055 x 520 x 2290
Internal dimensions W x D x H	mm	all compartments: 475 x 495 x 905
Weight without interior equip.	kg	98
Distributed load	kg/m²	435
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50

Available equipment
- shelves – optionally in galvanised or painted version, height adjustable
- perforated insert useable as storage area
- bottom collecting sump – optionally in galvanised or painted version, liquid-tight
- pull-out shelves with removable plastic sump

Reusable filter system
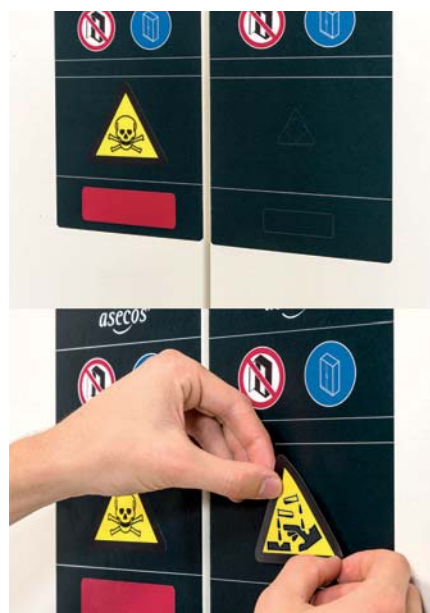Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service life-times and filter recycling

Extraction and filtration
Filtration of solvent vapours (hydrocarbons) as well as inorganic and organic hazardous materials

MultiRisk marking system
Easy and comfortable marking of the storage compartment with the attached marking system

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Recirculating air filter storage cabinet
CX-CLASSIC-MultiRisk model CX.229.105.MM.4WD
Body colour Anthracite grey (RAL 7016), with wing doors in Pure white
(RAL 9010), interior equipment with 2 x shelf, 1 x bottom collecting sump,
2 x perforated insert, 1 x bottom collecting sump (sheet steel galvanised),
4 x pull-out shelf (sheet steel/polyethylene powder-coated/–)
Order No. 32933-050-30808 6

Recirculating air filter storage cabinet
CX-CLASSIC-MultiRisk model CX.229.105.MM.4WD
Body colour Anthracite grey (RAL 7016), with wing doors in Pure white
(RAL 9010), interior equipment with 8 x pull-out shelf (sheet steel/polyeth-
ylene powder-coated/–)
Order No. 32933-050-31947 6

RAL 9010
050

AVAILABLE from the first quarter of 2016

Order example - how to order correctly
32933 — **050** — **30806**

	Model	Information / equipment	Order No.
	CX.229.105.MM.4WD	without interior equipment, with horizontal / vertical dividing wall	32933

	Body colour	Door colour	Order No.
	Anthracite grey RAL 7016	Pure white RAL 9010	050 ②

	Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
	4x shelf, 2x bottom collecting sump (V=22.0L), 4x perforated insert, 2x bottom collecting sump (V=22.0L)	sheet steel powder-coated, sheet steel galvanised	30805 ②
	4x shelf, 2x bottom collecting sump (V=22.0L), 4x perforated insert, 2x bottom collecting sump (V=22.0L)	sheet steel galvanised	30806 ②
	top: 2x shelf, 1x bottom collecting sump (V=22.0L), 2x perforated insert, 1x bottom collecting sump (V=22.0L) bottom: 4x pull-out shelf (V=15.0L)	sheet steel powder-coated, sheet steel galvanised RAL 7035, sheet steel/polyethylene powder-coated/– RAL 7035	30807 ②
	top: 2x shelf, 1x bottom collecting sump (V=22.0L), 2x perforated insert, 1x bottom collecting sump (V=22.0L) bottom: 4x pull-out shelf (V=15.0L)	sheet steel galvanised RAL 7035, sheet steel/polyethyl-ene powder-coated/– RAL 7035	30808 ②
	8x pull-out shelf (V=11.0L)	sheet steel/polyethylene powder-coated/– grey/black	31947 ②

	Interior equipment	Material	W x D x H (mm)	1)	2)	3)	Order No.
	shelf	sheet steel galvanised		50.00			30838 ②
	shelf	sheet steel powder-coated		50.00			30837 ②
	perforated insert	sheet steel galvanised	464 x 408 x 41	50.00			30584 ②
	bottom collecting sump	sheet steel galvanised			22.00	20.00	30840 ②
	bottom collecting sump with grid	sheet steel coated blue			22.00	20.00	30841 ②
	pull-out shelf, for cabinets with vertical dividing wall	sheet steel/polypropylene grey/black	378 x 418 x 80*	30.00	15.00	13.64	30839 ②
	box for chemicals	PP blue	410 x 300 x 260	18.00	16.36		30038 ②

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

	Accessories	Material	Order No.
	activated carbon replacement filter	activated carbon	32952 ②

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Overview: model class SLX-CLASSIC

Safe and approved storage of aggressive, non flammable hazardous materials in workrooms

Multifunctional
- The SLX-CLASSIC recirculating air filter storage cabinets enable the common storage, extraction and filtration of the most diverse aggressive acids, alkalis and further chemicals in one cabinet

Flexibility³
- flexibility in the choice of the place of installation
- flexibility in the storage of different hazardous materials
- flexibility in the choice of the appropriate interior equipment

Extraction and filtration
- filtration of inorganic and/or weakly aggressive hazardous materials
- recirculating air filter tested and certified by accredited testing body (Infraserv Höchst) in accordance with GefahrstoffV (German Hazardous Substances Act)

Further features of this model class

Safety in operation
- The filters used for the filtering of inorganic hazardous materials must be checked with all models by means of a manual testing device for filter saturation. This is supported by an electronic reminder function (visual and acoustic). The check itself takes place using suitable means of testing (e.g. test tube with pump)

High quality and durable
- outer body made of epoxy-resin-coated high-grade steel plate and inside made of highly resistant melamine-resin-coated special plates

Eco-friendly
- long filter lifetimes
- environmentally and customer-friendly reusable filter system

Possible interior equipment

- **pull-out shelves** incl. **sump** made of plastic

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Recirculating air filter storage cabinets for the storage extraction and filtration of acids and alkalis

· **GS approval** of the cabinet for acids and alkalis in accordance with the laboratory furniture standard EN 14727

· **excellent products with special manufacturer warranty**
· extended **manufacturer warranty of up to five years** in connection with an asecos service tariff

· VDE approval **of the monitoring electronics**

· **effectiveness confirmed** by extensive testing in collaboration with the accredited test center for hazardous materials **infraserv Höchst Co.**
· summary of the test report available on request

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349

NEW

GS MPA Dresden geprüfte Sicherheit EK5 / AK4 / EN 14727

EN 14727

CE

5 Years Warranty

◀120 cm▶ 230 cm

Safe and approved storage of aggressive, non flammable hazardous materials in workrooms

Function / construction:

Cabinet body
- **robust construction and longevity:** cabinet body made of powder-coated sheet steel, safety elements assembled outside the storage compartment for increased protection against corrosion
- **two in one:** two hermetically separated storage compartments allow the isolated storage of acids and bases in one cabinet
- **no unauthorised use:** doors lockable with profile cylinder (integration in an existing locking system possible)

- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- manual check of the filter saturation

Recirculating air filter storage cabinet
SLX-CLASSIC model SLX.230.120.MV
in Light grey (RAL 7035), interior equipment with 12 x pull-out shelf (panel/PP)
Order No. 32936-001-30608 6

Available equipment
- shelf with plastic sump (V=33 ltr.) and grid
- bottom collecting sump PE (V=66 ltr.) with grid
- pull-out shelves with removable plastic sump

Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service life-times and filter recycling
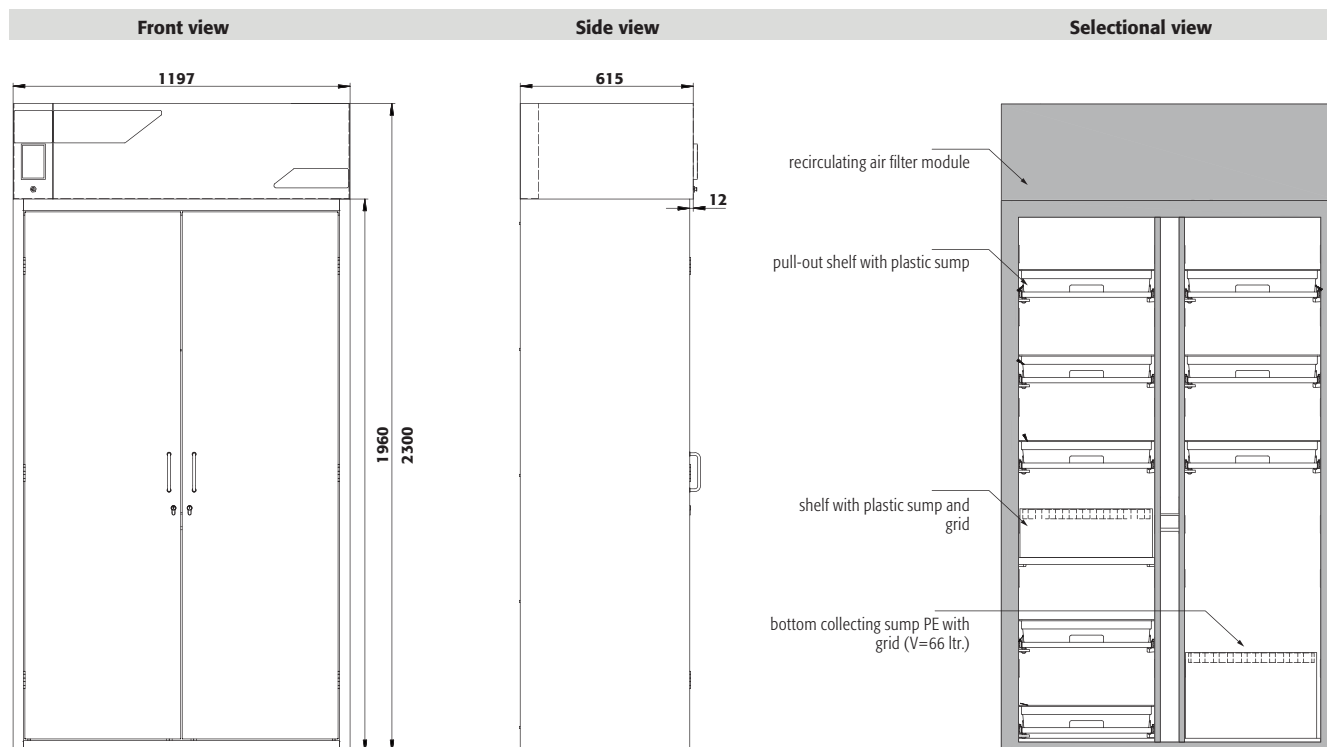
Manual test device
Easy monitoring of the filter saturation when storing inorganic substances

Pull-out shelf
Sturdy construction with removable plastic sump

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Front view	Side view	Selectional view

Front view: 1197 (width), 1960, 2300 (height)

Side view: 615, 12

Selectional view labels:
- recirculating air filter module
- pull-out shelf with plastic sump
- shelf with plastic sump and grid
- bottom collecting sump PE with grid (V=66 ltr.)

Technical data — SLX.230.120.MV

External dimensions W x D x H	mm	1197 x 615 x 2300
Internal dimensions W x D x H	mm	all compartments: 485 x 565 x 1865
Weight without interior equip.	kg	195
Distributed load	kg/m²	204
Maximum load	kg	200
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50

Top view: 603, 1153, max.180°, max.180°

RAL 7035
001
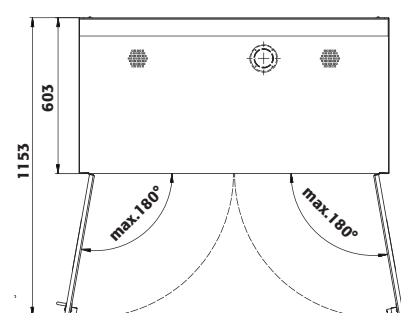
AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32936 — 001 — 30614

Model	Information / equipment	Order No.
SLX.230.120.MV	without interior equipment, with vertical dividing wall	32936

Body colour	Door colour	Order No.
Light grey RAL 7035	Light grey RAL 7035	001 6

Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
left: 4x pull-out shelf (V=11.0L) right: 4x pull-out shelf (V=11.0L)	panel/PP	30607 2
left: 6x pull-out shelf (V=11.0L) right: 6x pull-out shelf (V=11.0L)	panel/PP	30608 2

Interior equipment	Material	W x D x H (mm)	1)	2)	3)	Order No.
pull-out shelf, with PP sump	panel/PP grey	407 x 468 x 80*	25.00	18.00	16.36	30609 2
collecting sump, on shelf with grid	polyethylene	459 x 555 x 167*	70.00	30.00	27.27	30610 2
collecting sump, with grid	polyethylene	454 x 538 x 314*	70.00	66.00	60.00	30611 4

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

Accessories	Material	Order No.
activated carbon replacement filter	activated carbon	32953 2

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NEW

GS — MPA Dresden geprüfte Sicherheit — EK5 / AK4 / EN 14727

EN 14727

CE

5 Years Warranty

60 cm | 230 cm

Safe and approved storage of aggressive, non flammable hazardous materials in workrooms

**Recirculating air filter storage cabinet
SLX-CLASSIC model SLX.230.060.MH**
in Light grey (RAL 7035), interior equipment with 6 x pull-out shelf (panel/PP)
Order No. 32939-001-30615 6

Function / construction:

Cabinet body
- **robust construction and longevity:** cabinet body made of powder-coated sheet steel, safety elements assembled outside the storage compartment for increased protection against corrosion
- **two in one:** two hermetically separated storage compartments allow the isolated storage of acids and bases in one cabinet
- **no unauthorised use:** doors lockable with profile cylinder (integration in an existing locking system possible)

- **easy alignment:** adjusting aids to compensate for uneven floor

Recirculating air filter system
- ideal for the direct installation in working areas – very low noise, only approx. 39 dB (A)
- with multi-stage wideband filter
- VDE approved monitoring electronics (extraction monitoring) incl. cool-device cable
- optical and acoustical alarm including potential-free alarm contact
- display with innovative touch panel
- manual check of the filter saturation

Available equipment
- shelf with plastic sump (V=33 ltr.) and grid
- bottom collecting sump PE (V=66 ltr.) with grid
- pull-out shelves with removable plastic sump

Easy operation
Monitoring electronics with state-of-the-art 4.7" graphic display incl. touch panel, displays all essential monitoring-details

Reusable filter system
Multistage, high-capacity and robust broad band-pass filter, environmentally friendly due to long service lifetimes and filter recycling

Manual test device
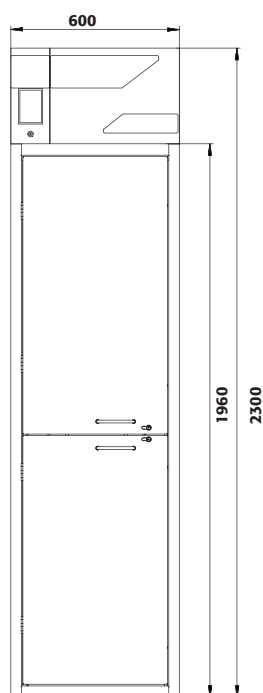Easy monitoring of the filter saturation when storing inorganic substances

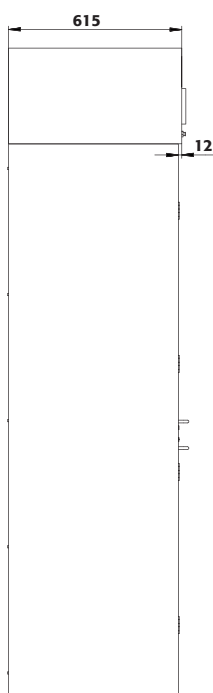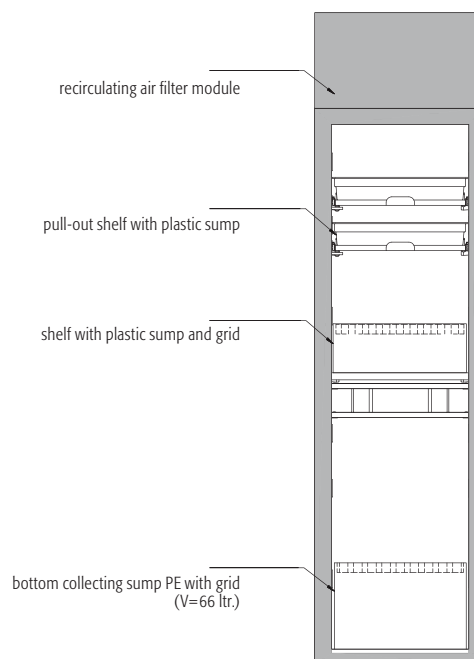**Pull-out shelf**
Sturdy construction with removable plastic sump

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Front view

600

1960
2300

Side view

615

12

Selectional view

recirculating air filter module

pull-out shelf with plastic sump

shelf with plastic sump and grid

bottom collecting sump PE with grid
(V=66 ltr.)

Technical data		SLX.230.060.MH
External dimensions W x D x H	mm	600 x 615 x 2300
Internal dimensions W x D x H	mm	all compartments: 485 x 565 x 914
Weight without interior equip.	kg	152
Distributed load	kg/m²	363,00
Maximum load	kg	200
Frequency	Hz	50
Nominal voltage	V	230
Max. current consumption	A	0.5
Power consump. in operation	W	120
Power consump. in standby mode	W	50

Top view

1119

max. 180°

RAL 7035
001
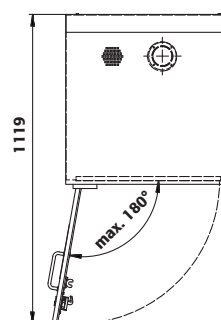
AVAILABLE from the first quarter of 2016

Order example - how to order correctly

32939 — 001 — 30614

Model	Information / equipment	Order No.
SLX.230.060.MH	without interior equipment, with horizontal dividing wall, left hinged	32939
SLX.230.060.MH.R	without interior equipment, with horizontal dividing wall, right hinged	32942

Body colour	Door colour	Order No.
Light grey RAL 7035	Light grey RAL 7035	001 [6]

Interior equipment packages (can only be ordered in combination with the cabinet)	Material	Order No.
top: 2x pull-out shelf (V=11.0L) bottom: 2x pull-out shelf (V=11.0L)	panel/PP	30614 [2]
top: 3x pull-out shelf (V=11.0L) bottom: 3x pull-out shelf (V=11.0L)	panel/PP	30615 [2]

Interior equipment	Material	W x D x H (mm)	1)	2)	3)	Order No.
pull-out shelf, with PP sump	panel/PP grey	407 x 468 x 80*	25.00	18.00	16.36	30609 [2]
collecting sump, on shelf with grid	polyethylene	459 x 555 x 167*	70.00	30.00	27.27	30610 [2]
collecting sump, with grid	polyethylene	454 x 538 x 314*	70.00	66.00	60.00	30611 [4]

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

Accessories	Material	Order No.
activated carbon replacement filter	activated carbon	32953 [2]

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FX
CX
SLX