

CATALOG LAB-SAFE CAPS

The essential safety caps with a touch
of innovation



20
26

filterService
SINCE 1969

UltrA



Dear Chromatographers,
We are pleased to offer you a range of safety caps with the quality excellence you deserve. You'll find a few innovations and the essentials for your needs. In addition to this range, you can ask us for other configurations on request and at no extra cost, as long as we use standard screw threads. We are committed to keeping our prices as attractive as possible, with fast delivery times. Please do not hesitate to contact us for a quotation and further information. We would like to thank you again for the trust you place in us every day.
Yours sincerely,

*Georg Von
Schwartzenberg*

The essentials of **safety** caps



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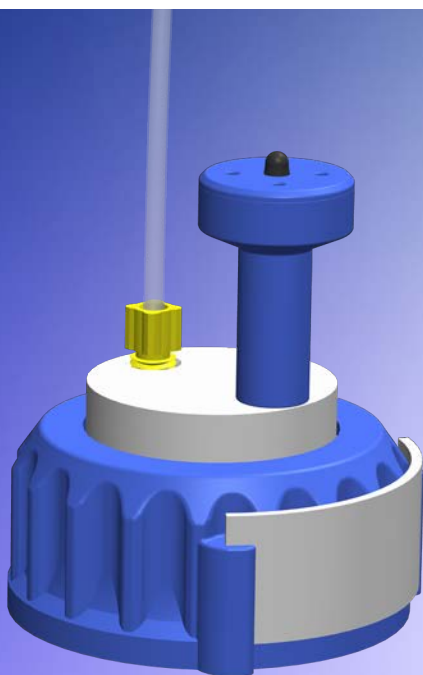
Canisters and retentions
trays, large-volume
funnels





Lab-Safe caps for analytical systems

- Our Lab-Safe caps are fitted with a ventilation air valve based on duckbill technology. It has the advantage of being made of FDM.
- Our check valves are resistant to the full spectrum of solvents used in HPLC. This duckbill technology is also resistant to strong acids and bases. Their sturdiness guarantees a year's optimal service life.
- They are equipped with a writing area allowing the replacement date to be noted. On request, they can be fitted with a time indicator (known as a timer), to do so, add the letter T in the 'References' section.



Removable label to indicate the eluent in the bottle.



Area to enter the ventilation air valve replacement date.



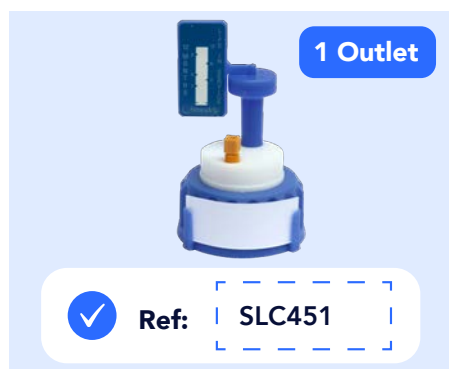
Website: www.filterservice.be

Phone: +32 87595170

Mail: info@filterservice.be



Lab-Safe caps for GL45 neck



*Our check valves are designed to withstand strong acids and bases.



*Timer is in option:
Add T after the part
number if you want



Remember to change
the ventilation air
valve every year.

How to order



Description: Ventilation
air valve* for analytical
HPLC system



Part number:

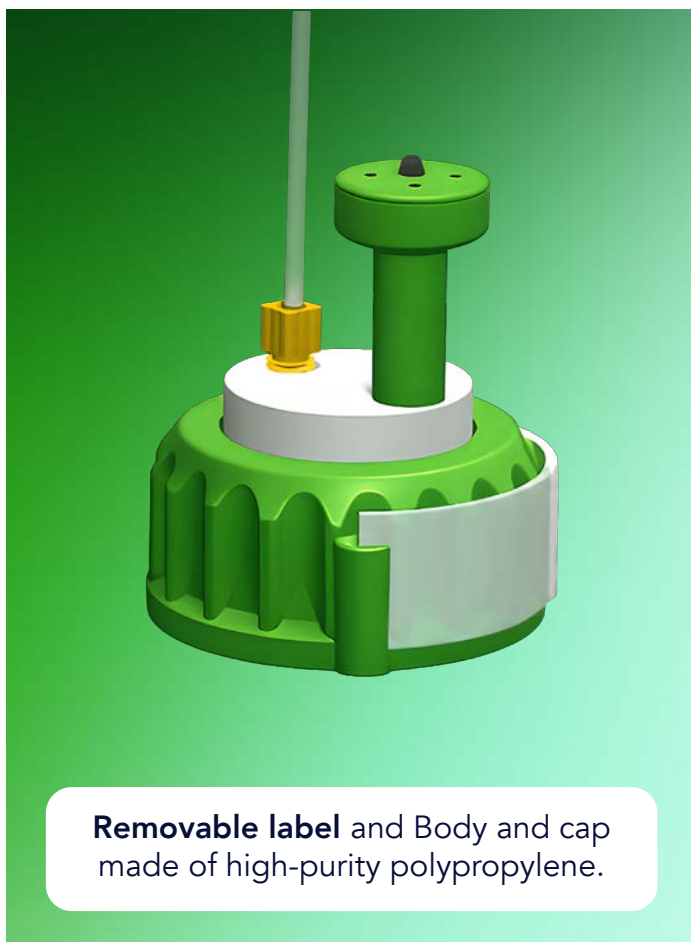
Per 10 units:
CHECKA10

Per 50 units:
CHECKA50



Lab-Safe caps For the analysis of the PFAS

- Here is a new range of Lab-Safe-Caps designed for the analysis of PFAS (poly-and perfluoroalkyl substances).
 - Free of fluorinated compounds that could interfere with the analysis of the PFAS and fluorinated compounds.
- **Fluoride-free**
 - Body and cap made of high-purity polypropylene.
 - Sealing gasket made of EPDM (high resistance to acids and bases).
 - Air check valve made of PP and EPDM membrane (specially manufactured).



Removable label and Body and cap made of high-purity polypropylene.



Air check valve made of PP and EPDM membrane (specially manufactured).



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Lab-Safe caps for GL45/ Special PFAS



*Our check valves are designed to withstand strong acids and bases.



*Timer is in option:
Add T after the part
number if you want



Remember to change
the ventilation air
valve every year.

How to order



Description: Ventilation
air valve for PFAS
analytical



Part number:

Per 10 units:
CHECK10PFAS

Per 50 units:
CHECK50PFAS

Lab-Safe Caps For bottles GL40

Lab-Safe caps GL45 equipped with a GL40 compact adapter,
Pay only 20% more than the GL45 cap

For bottles GL40



1 Outlet



Ref: SLC401



2 Outlet



Ref: SLC402



3 Outlet



Ref: SLC403



4 Outlet



Ref: SLC404



5 Outlet



Ref: SLC405



Smart

Keep the option
to switch back to
standard bottles
GL45.

Lab-Safe Caps For bottles GL38

Lab-Safe caps GL45 equipped with a GL38 compact adapter,

Pay only 20% more than the GL45 cap

For bottles GL38



1 Outlet



Ref: SLC381



2 Outlet



Ref: SLC382



3 Outlet



Ref: SLC383



4 Outlet



Ref: SLC384



5 Outlet



Ref: SLC385



Lab-Safe multi-heads

Adapters GL45

We offer a wide range of multi-head adapters for rinsing your pump heads. These adapters are the most compact and lightweight ever developed. They are available as standard for GL45 necks.



Description:

Adapter 2
multi-heads



Ref:

45MUL-2H



Description:

Adapter 3
multi-heads



Ref:

45MUL-3H



Description:

Adapter 4
multi-heads



Ref:

45MUL-4H



Upon request, we can adapt them for DIN S50 (Burkle), DIN S55, and S60 can necks. Other configurations are available. **Please feel free to contact us.**



Classic exhaust charcoal filters high adsorption capacity

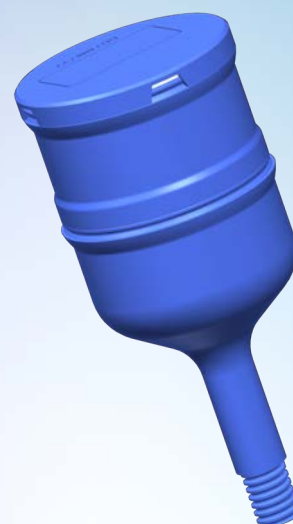
GL14 screw: Compatible with **SCAT, B-Safe, Calibre Scientific, AIT, ...**

Ref: EXC-M-T



One compartment
For **6 months** use.

Ref: EXC-L-T



Two compartments
For **1 year** use.

How to order



Description: Classic exhaust charcoal filter standard GL14 screw



Service life: 6 months



Part number:

Per 1 unit:
EXC-M-T

Per 10 units:
EXC10-T



Service life: 1 year



Part number:

Per 1 unit:
EXC-L-T

Per 10 units:
EXC10-T

Splash guard

Splash guard with timer.



Splash guard with timer. On request, add the letter T in the «References» section.

EXC-L-T

Classic exhaust charcoal filters high adsorption capacity

1/4-28 UNF screw (It also screws onto the threads of nuts for 1/8" or 1/16" tubing). Compatible with **Phenomenex**.

PN: EXC-M-1/4-28



One compartment
For **6 months** use.

PN: EXC-L-1/4-28



Two compartments
For **1 year** use.

How to order



Description: classic exhaust charcoal filter
For thread 1/4-28 UNF



Service life: 6 months



Part number:

Per 1 unit:
EXC-M-1/4-28

Per 10 units:
EXC10-M-1/4-28



Service life: 1 year



Part number:

Per 1 unit:
EXC-L-1/4-28

Per 10 units:
EXC10-L-1/4-28

Splash guard

Splash guard with timer.



Splash guard with timer.
On request, add the letter T in the «References» section.

EXC10-L-1/4-28-T

Classic exhaust charcoal filters high adsorption capacity

1/8 NPT SCREW (It also screws onto the threads of emplacement of the barbed fitting). Compatible with **VAP-LOCK**.

PN: EXC-M-1/8NPT



One compartment
For **6 months** use.

PN: EXC-L-1/8NPT



Two compartments
For **1 year** use.

How to order



Description: classic exhaust charcoal filter for thread of 1/8 NPT



Service life: 6 months



Service life: 1 year



Part number:

Per 1 unit:
EXC-M-1/8NPT

Per 10 units:
EXC10-M-1/8NPT



Part number:

Per 1 unit:
EXC-L-1/8NPT

Per 10 units:
EXC10-L-1/8NPT

Splash guard

Splash guard with timer.



Splash guard with timer.
On request, add the letter T in the «References» section.

EXC10-L-1/8NPT-T

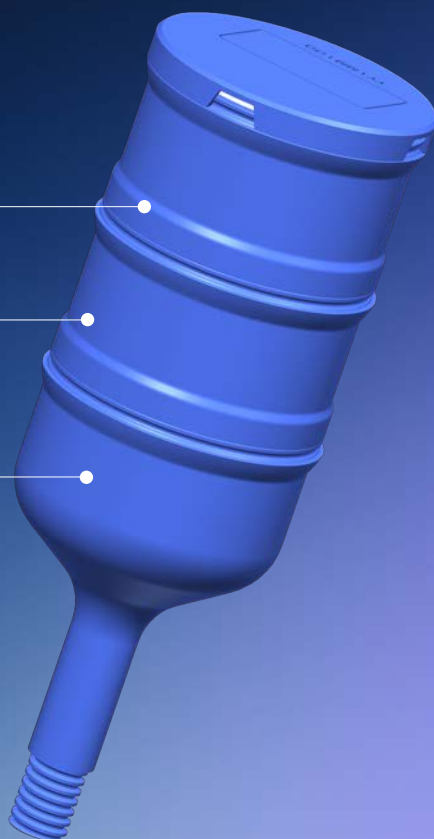
Exhaust charcoal filters for very acidic or very basic eluents (other custom requests)

Special exhaust filters for strong acids or bases.

The three compartments contain separately:

One compartment filled with unimpregnated activated carbon.

And two compartments filled with activated carbon impregnated with KOH or activated carbon impregnated with H₂SO₄.



For a screw with a 1/4-28 UNF fitting:

Add to part number:
1/4-28

For a screw with a 1/4 NPT fitting:

Add to part number:
1/4 NPT

How to order



Description: Exhaust filter impregnated activated carbon with KOH for strong acids. Delivered as standard with a G14 thread (SCAT, B-Safe, AIT...).



Service life: 1 year



Part number:

EXC-KOH



Description: Exhaust filter impregnated activated carbon with H₂SO₄ for strong bases. Delivered as standard with a G14 thread (SCAT, B-Safe, AIT...).



Service life: 1 year



Part number:

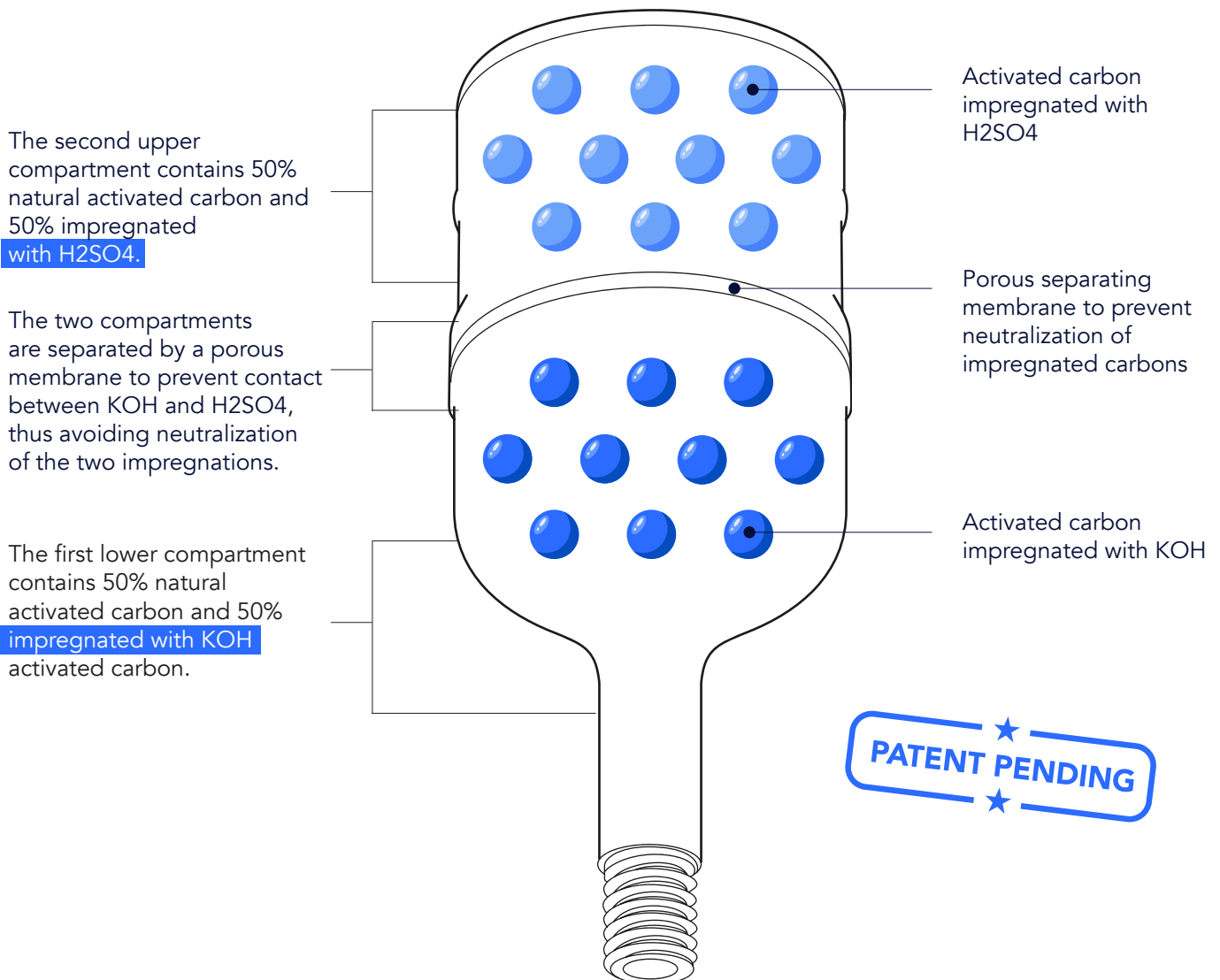
EXC-H2SO4



An innovative range with

Large spectrum adsorption zero-emission exhaust charcoal filters

The new exhaust filters with large spectrum adsorption
Zero-emissions feature two compartments.



The addition of activated carbon impregnated with KOH and H_2SO_4 eliminates inorganic acids and bases, which is not the case with conventional cartridges. Allows total neutralization of fumes.



All exhaust filters large spectrum plus are equipped with an anti-splash cover, a timer and a writing area to indicate the cartridge replacement date.



Anti-splash cover with timer.
On request, add the letter T
in the «References» section.

**For a screw with
a 1/4-28 UNF:**

Add to part number:

1/4-28

**For a screw with
a 1/4 NPT fitting:**

Add to part number:

1/4 NPT

How to order



Description : Exhaust charcoal filter
with large spectrum adsorption ZE.



Service life: 1 year. Compatible
with all existing systems except
Vaplock.



Part number:

Per 1 unit:

EHC-ZE-T

Per 10 units:

EHC10-ZE-T

Lab-Safe waste caps for used solvents

Lab-Safe waste caps are fitted as standard with:

- 1/8" Tube nuts (these standard 1/8" nuts can be replaced by 1/16" nuts on request, when ordering).
- Equipped as standard with hose barb fittings for tubes from 6.4 to 8 mm. Other hose barb fitting available on request.
- We offer the most commonly used models as standard.
- Find fittings, nuts and obturators on pages 28 to 32.



Other configurations available on request. Send us the configuration you require, specifying the number of tubes to be connected and their outside diameters. Non-catalog requests will be processed promptly.

Flexible range of Lab-Safe waste caps

Find the adapters, barbed fittings, nuts and blind plugs on pages 30-35.



Description:

Right-angle adapter
for activated carbon cartridge



Ref:

90C-GL14



Description:

GL14 male and female
extension



Ref:

180C-GL14

Flexible range of Lab-Safe waste caps

Other configurations are available on request
at no extra cost. Find fittings, nuts and stoppers
pages 30 to 35.

For GL45



Ref:

45W1



Ref:

45W2



Ref:

45W2B2



Ref:

45W3



Ref:

45W2B1



Ref:

45WB1

Flexible range of Lab-Safe waste caps

Other configurations available on request. Send us the configuration you require, specifying the number of tubes to be connected and their outside diameters. Find fittings, nuts and obturators pages 30 to 35.

For DIN 51/S55



✓ Ref: 55W1B1



✓ Ref: 55W3B3



✓ Ref: 55W2B1



✓ Ref: 55W3



✓ Ref: 55W1B2



✓ Ref: 55W1B3

Flexible range of Lab-Safe waste caps

Other configurations available on request. Send us the configuration you require, specifying the number of tubes to be connected and their outside diameters. Find fittings, nuts and obturators on pages 30 to 35.

For DIN 60/S61



Ref:

60WB1



Ref:

60W2B3



Ref:

60W3B3



Ref:

60W4B2



Ref:

60W4B1

Useful advice

Refer to page 26,
location of a barbed
fitting with an
obturator.

Flexible range of Lab-Safe waste caps

Other configurations available on request. Send us the configuration you require, specifying the number of tubes to be connected and their outside diameters. Find fittings, nuts and obturators on pages 30 to 35.

For Nalgene B53

Available also with Nalgene B83



✓ Ref: 53W1B2



✓ Ref: 53W2B1



✓ Ref: 53W1B3

For Burkle Can DIN 50

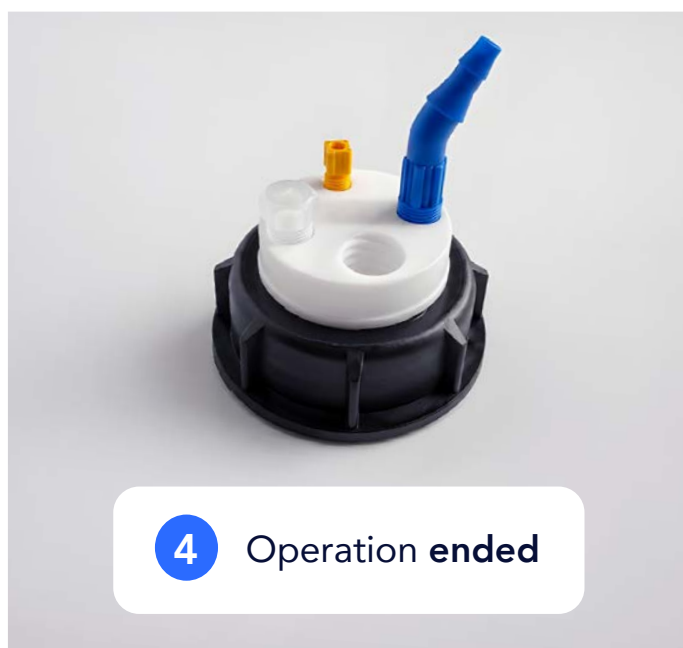
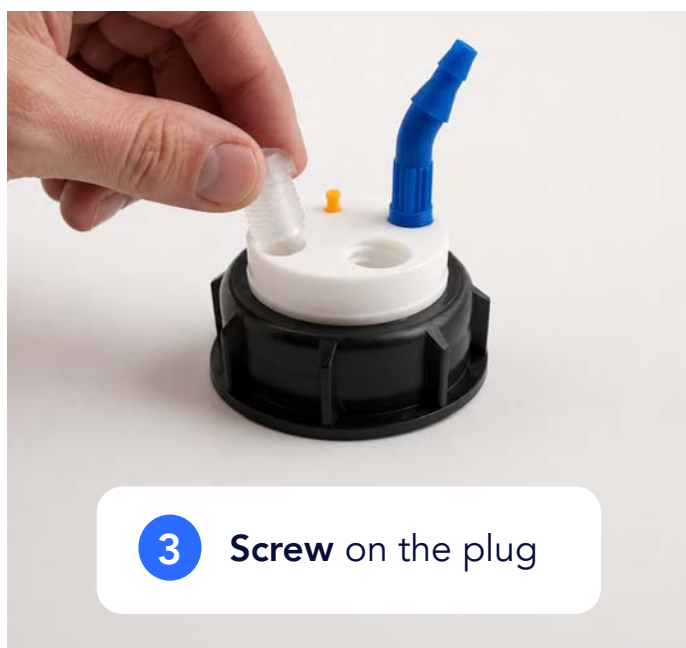
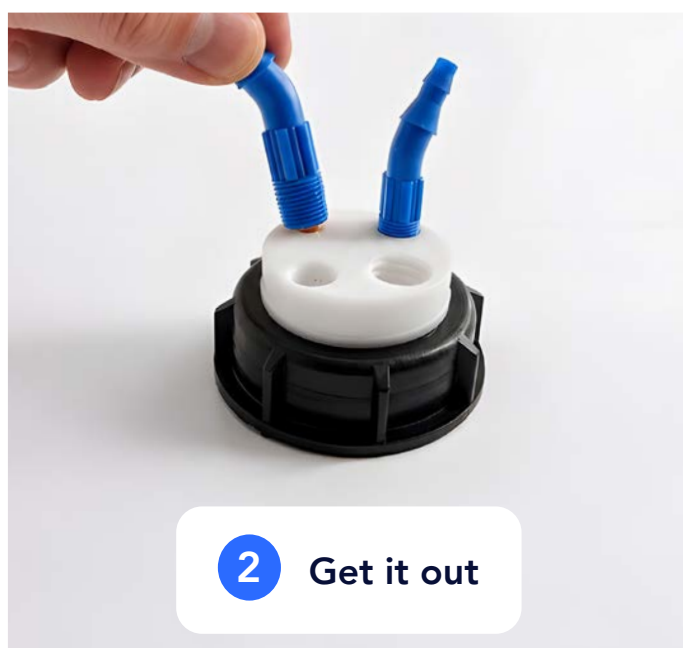
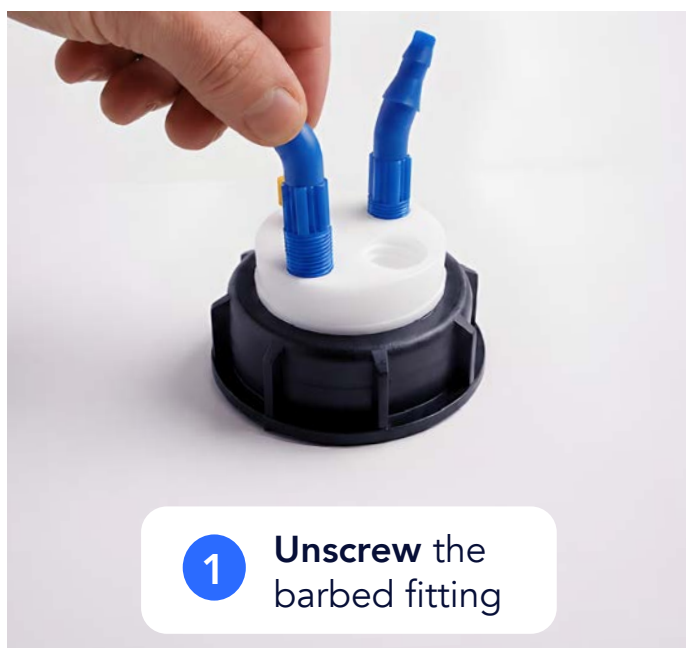


✓ Ref: 50WB2



✓ Ref: 50W1B1

Location of a barbed fitting with an obturator



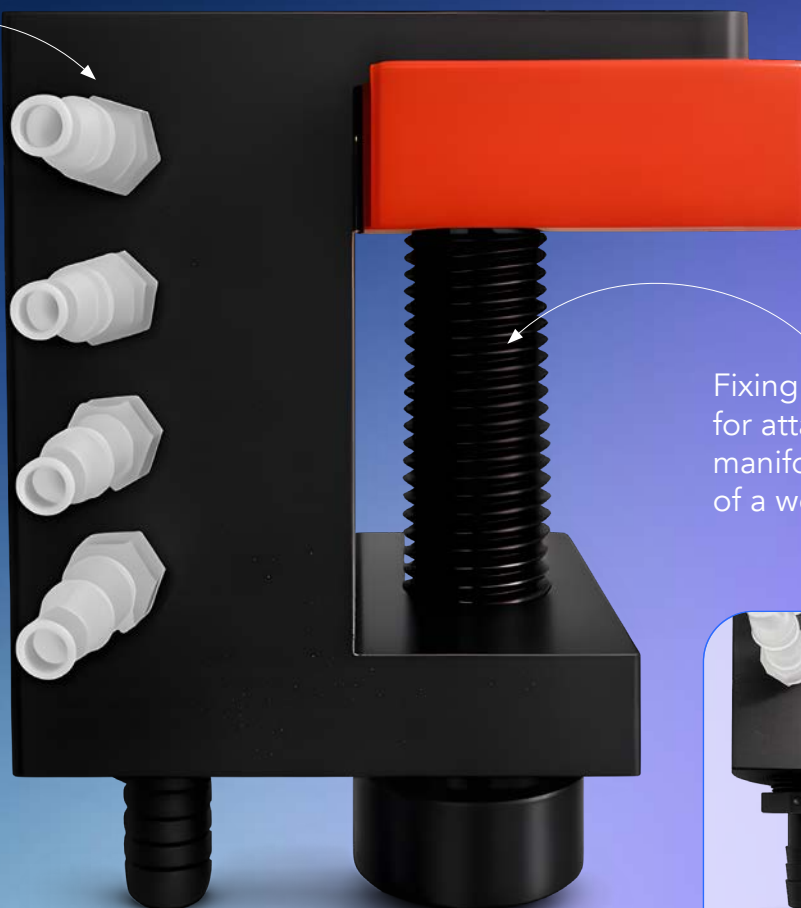


Lab-waste Multi-inlet manifold Mounts on the workbench

Four standard models from which all combinations are possible by plugging unnecessary inlets and replacing standard barbed fittings with barbed fittings adapted to your needs.

Custom manufacturing available upon request.

Allows you to connect up to 10 tube outlets from 1/16" to 12 mm with a single outlet.



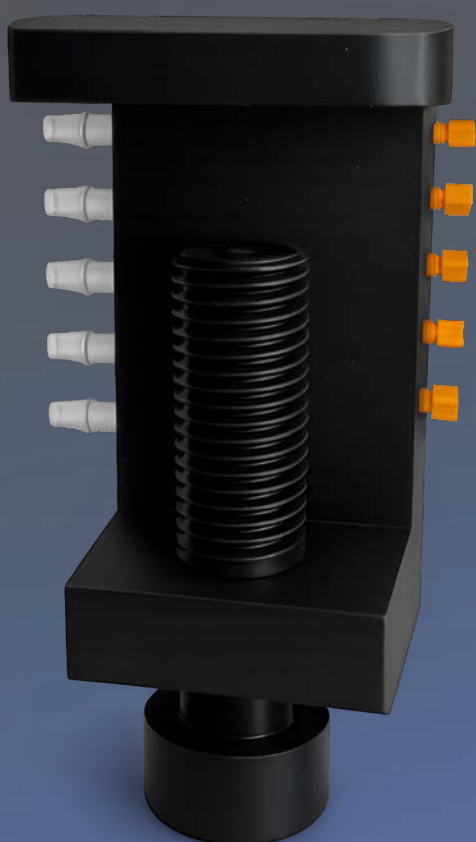
Fixing screw for attaching the manifold to the edge of a workbench.



Many configurations available upon request. Send us the configuration you require. Non-catalog requests will be processed promptly.



Lab-waste Multi-inlet manifold for workbench



Description:

Configuration with 5 x 1/8" or 1/16" inlets and 5 x barbed inlets for 8 to 10 mm tubing.



Ref:

MM51816-5NPT



Description:

page 26—Configuration with 6 x 1/8" or 1/16" inlets and 4 x barbed inlets + 2 entries for tubing 4 mm.



Ref:

MM-61816-4NPT-24MM



Description:

Configuration with 10 x 1/8" or 1/16" inlets.



Ref:

MM-101816



Description:

Configuration 10x barbed inlets for 8 to 10 mm tubing.



Ref:

MM-10NPT



Many configurations available upon request. Send us the configuration you require. Non-catalog requests will be processed promptly.

Accessories, Universal nuts, plugs, adapters

Universal nuts



Description:

For tubing
(OD) 1/8 "



Ref:

EU18



Description:

For tubing
(OD) 1/16"



Ref:

EU16

Obturators



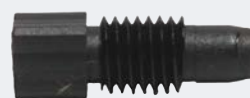
Description:

Plugs to replace a
barbed fitting



Ref:

BE



Description:

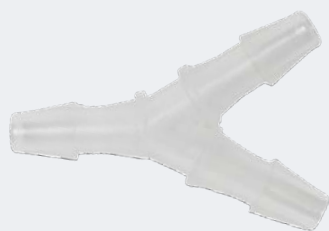
Plug to replace
a universalnut



Ref:

RC

Y connectors



Description:

For tubing (ID)
4.6 mm to 7 mm



Ref:

Y-106



Description:

For tubing (ID)
6.5 mm to 9 mm



Ref:

Y-108

Adapters PTFE and PP



Description: PTFE*,
for thread GL45 (male)
to thread GL38 (female)



Ref:

AT4538



Description: PTFE*,
for thread GL45 (male)
to thread GL40 (female)



Ref:

AT4540



Description: PP*, for
thread S55 (female)
to thread S60-61 (male)



Ref:

AP5560



Description: PP*, for
thread S60/61 (female)
to thread S55 (male)



Ref:

AP6055

PTFE and tygon tubing, retention trays

PTFE tubing



Description:

Tube PTFE (OD) :
1/16"



Ref:

TUB01



Description:

Tube PTFE (OD) :
1/8"



Ref:

TUB02

Tygon tubing



Description:

For tubing (OD)
10 mm



Ref:

TY10



Description:

For tubing (OD)
20 mm



Ref:

TY20

Adapters for justrite can and CPC connectors

For Justrite



Ref:

JUST-C



Ref:

JUST-A

For CPC



Ref:

CPC-C



Ref:

CPC-A

Barbed fittings

Universal and Hose barbed fittings



Description:

Universal barbed fitting
tubing (ID) from 4 to 9 mm



Ref:

UB-49



Description:

For tubing (ID)
from 4.6 to 7 mm



Ref:

C-106



Description:

For tubing (ID)
from 4 to 6 mm



Ref:

C-105



Description:

For tubing (ID)
from 8 to 10 mm



Ref:

C-110

Barbed fittings

Universal and straight barbed fittings



Description:

For tubing (ID)
from 4 to 6 mm



Ref:

D-105



Description:

For tubing (ID)
from 4.6 to 7 mm



Ref:

D-106



Description :

Universal barbed fitting
for tubing (ID) from 4 to 9 mm



Ref:

UB-49



Description :

For tubing (ID)
from 8 to 10 mm



Ref:

D-110



Website: www.filterservice.be

Phone: +32 87595170

Mail: info@filterservice.be



Funnel ball with adapter for charcoal cartridge



Description:

Funnel ball DIN S55
with charcoal cartridge
location.



Ref:

FUN55EXT



Dia: 180 mm **Height:** 220 mm



Description:

Funnel ball DIN S60
with charcoal cartridge
location.



Ref:

FUN60EXT



Dia: 180 mm **Height:** 220 mm



Description:

Stainless Steel sieve for
funnel with ball (OPTION).



Ref:

SIEVE FUN

Funnel ball



Description:

Funnel Ball DIN S55



Ref:

FUN55



Dia: 180 mm **Height:** 220 mm



Description:

Funnel Ball DIN S60



Ref:

FUN60



Dia: 180 mm **Height:** 220 mm



Description:

Stainless Steel sieve for
funnel with ball (OPTION).

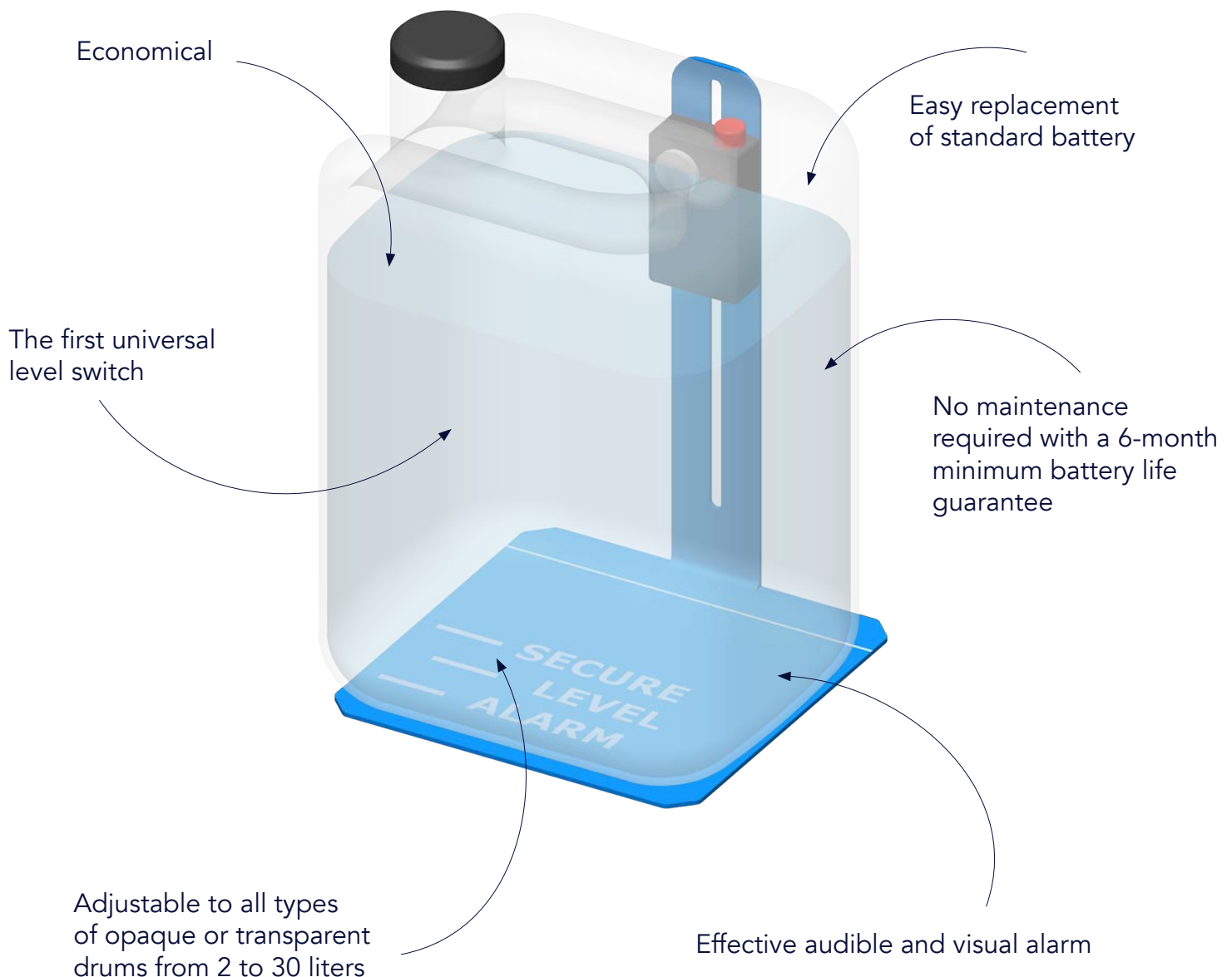


Ref:

SIEVE FUN

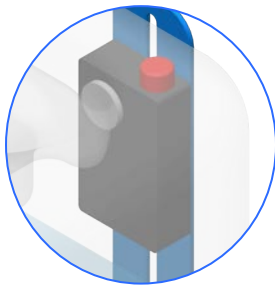


Overfill level detector for canisters



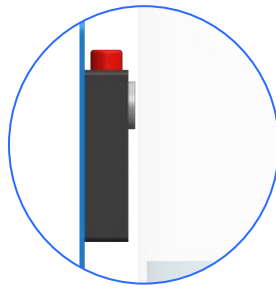
No installation settings required, the level switch is placed on the outside of the can - without contact

How it works



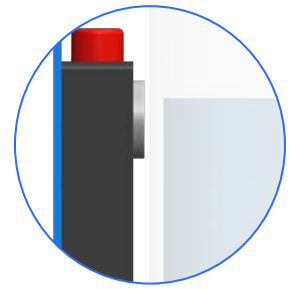
Step 1

The detector is mounted on a sliding bracket.



Step 2

Simply position the detector at the height you feel is necessary to prevent the can from overflowing.



Step 3

There's no need to glue the detector to the side of the can.



How to order



Description: Universal overfill detector for can



Part number: **DETECT-LEVEL01**

Canisters GL45, DIN 55-S51 and DIN 61-S60

Canister GL45



Capacity: 2.5 liters



Ref: CAN45-S

Canister GL45



Capacity: 5 liters



Ref: CAN45-M

Canister 55-S51



Capacity: 5 liters



Ref: CAN55-M

Canister 55-S51



Capacity: 10 liters



Ref: CAN55-L

Canister 61-S60



Capacity: 20 liters



Ref: CAN60-XL

Burkle Canister DIN S50



Capacity: 5 liters



Ref: AN50-M

Retention trays

**Description:**

Retention tray, small,
for 5 liters can.

**Ref:**

TRAY-S



Dimensions: 60x250x200 mm

**Description:**

Retention tray, medium,
for 10 liters can.

**Ref:**

TRAY-M



Dimensions: 60x350x200 mm

**Description:**

Retention tray, large,
from 10 to 25 liters can.

**Ref:**

TRAY-L



Dimensions: 60x400x300 mm



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