



Safe Storage Solutions

Safe Storage Solutions for Chemicals, Acids, Poisons,
Flammables and Compressed Gases



Labor Security System, leader company since more than 20 years, is active in the Italian and the international market in the field of planning and production of safety cabinets SAFETYBOX® for the storage of flammables, compressed gases, acids and bases and our activated charcoal filter CARBOX®.

Labor Security System is the right answer to safety and prevention.

Our products are designed respecting the actual norms of our specific field. Our aim is to give to our Customers safe and functional products, technologically competitive and with a high quality.

SAFETYBOX® is today synonymous of security and its trademark is a guarantee even for the most demanding Customer.

Cabinets for Flammable Products In Conformity with EN 14470-1, EN 14727 and EN 6101-1



Cabinets for Chemicals, Acids and Bases in Compliance with EN 61010-1



Cabinets for Gas Cylinders in Compliance with EN 14470-2



AC 1200 CM



Product Code: FL012CM

The AC1200CM safety cabinet is able to store approximately 160 litres of liquid and solid flammables in accordance with EN 14470-1 norm, with protection against hot and cold fumes. This is a "Type 90" unit giving 90 minutes fire resistance.

Standard Features

- Thermal device which automatically closes the doors above a room temperature over 50° C. Not electric. (TD005).
- Ignis Lock®
- Predisposed for aspiration and/or filtration system.
- Additional shelf (painted or stainless-steel) Adjustable



- Full TUV certification.
- Monolithic construction.
- New internal fireproof insulation made up of porous insulating matter with high fire resistance completely ecological.
- Double door with key lock.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for entire life of the cabinet.

AC 1200 CMF



Product Code: FL012CMF

The AC1200CMF / CME safety cabinet is able to store approximately 160 litres of liquid and solid flammables in accordance with EN 14470-1 norm, with protection against hot and cold fumes. This is a "Type 90" unit giving 90 minutes fire resistance.

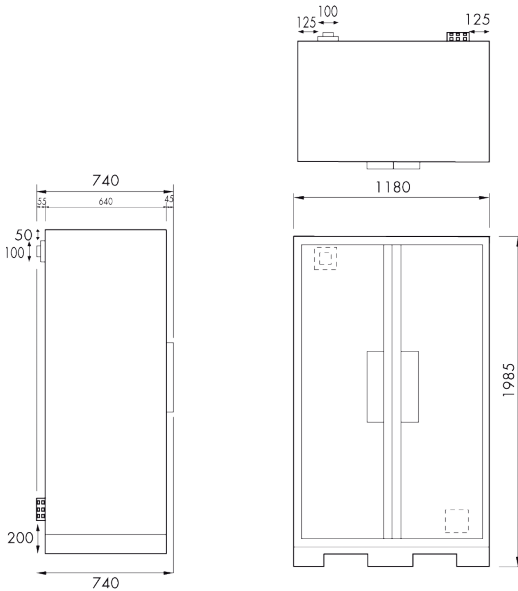
Optional Accessories

- Thermal device which automatically closes the doors above a room temperature over 50°C. Not electric. (TD005).
- Predisposed for aspiration and/or filtration system.
- Additional shelf (painted or stainless-steel)



Technical Data

AC 1200 CM / AC 1200 CMF



Dimensions (w x d x h) and weight

External: 1180 x 650 x 1985 mm
 Internal: 1015 x 445 x 1685 mm
 Total Depth: 740 mm
 Weight: 490 kg
 Internal Volume: Approx 761 lt

Packaging Dimensions (w x d x h)

Overall: 1265 x 810 x 2060 mm
 Weight: 495 kg

- Full TUV certification.
- Monolithic construction.
- New internal fireproof insulation made up of
- Porous insulating matter with high fire resistance completely ecological.
- Double door with key lock.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for all life long of the cabinet. It covers any injury to persons and objects.

- "Fire test" in compliance with EN 1363-1:1999 e UNI EN 1363-1:2001.
- Built in pickled and electro-galvanized steel 10/10 mm painted with epoxy acid-proof powder coating electrostatically applied through a thermal tunnel at 200°C. Smooth painting in the most delicate parts, and textured in the exposed parts. Thickness of painting from a minimum of 60 µm (micron) to a maximum of 250 µm (micron), as per UNI EN ISO 9001:2000 procedure.
- Completely sealed monolithic construction. New building method with double cases, completely isolated by a special fire insulation. New internal fireproof insulation made up of porous insulating material with high fire resistance completely ecological.
- Internal body panel made of anti-scratch material, resistant to corrosive products.
- Trimming inflatable 8+6 mm (DIN 4102) that swells in case of fire, isolating the inside of the cabinet from the outside. Extra trimming inflatable with protection against 'Cold and Hot fumes' and dust.
- Self-closing door with automatic return and independent opening, so that the user is free to open the door to the right with the right hand, and to the left with left hand.
- Ventilation system equipped with 2 certified safety valves for air-recycle that automatically close at $70 \pm 10^\circ \text{C}$ in compliance with the Norm EN 14470-1. The valves are positioned on the top and on the bottom of the cabinet in order to grant the release of substances. External connection collar 100 mm.
- Anti-spark hinges
- 3 easily removable shelves pickled and electro-galvanized steel painted with epoxy acid-proof powder coating 10/10 mm thickness steel with extractable brackets providing easy handling of the goods stored. The brackets are supplied with an anti-falling security lock.
- Tray shaped shelves to collect any liquid spills or breakages. Volume of shelf: 14lt. Capacity of shelf: 80 Kg(mod. AC 1200CM).
- 3 fixed shelves that can be easily extractable, made of pickled and electro-galvanized steel painted with epoxy acid-proof powder coating 10/10 mm thickness, fixed with screwed brackets. The brackets are supplied with an anti-falling security lock; possibility to change the height of the shelf. Tray shaped shelf to collect any liquid spills or breakages. Volume of shelf: 14 lt. Capacity of shelf 80kg (mod. AC1200CMF).
- Watertight bottom basin made of pickled and electro-galvanized steel painted with epoxy acid-proof powder coating 10/10 mm thickness. Volume 45 lt.
- Safety catch 'Ignis-lock®' that keeps the doors closed in case of fire.
- "CE" norm key lock.
- "No smoking" and "Fire" warning stickers on the doors (European Norms DIN 4844 and ISO 3864).
- Earthing system for each unit.
- Fitted with adjustable legs.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for entire life of the cabinet.

AC 1200/50 CM

Product Code: FL012/5CM

Safety cabinet able to store approximately 80 litres of liquid and solid flammables in accordance with EN 14470-1 norm, with protection against hot and cold fumes. "TYPE 90" - 90 minutes fire resistance.



Optional Accessories

- Thermal device which automatically closes the doors above a room temperature over 50°C. Not electric. (TD005 only for AC1200/50 CM).
- Predisposed for aspiration and/or filtration system.
- Trolley with wheels

- Full TUV certification.
- Monolithic construction.
- New internal fireproof insulation made up of porous insulating matter with high fire resistance completely ecological.
- Double door with key lock.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for entire life of the cabinet.

AC 1200/50 CMDD

Product Code: FL012/5CMDD

Safety cabinet able to store approximately 80 litres of liquid and solid flammables in accordance with EN 14470-1 norm, with protection against hot and cold fumes. "TYPE 90" - 90 minutes- fire resistance.

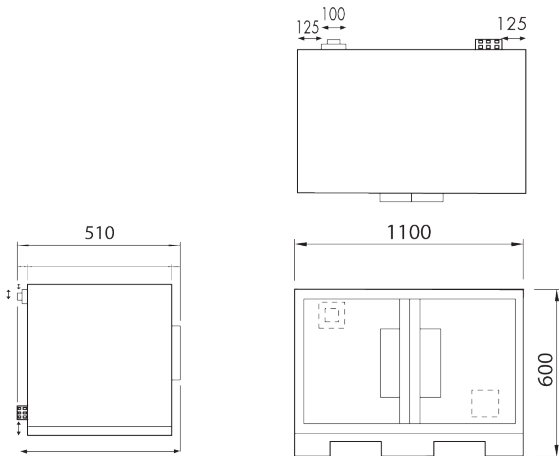


Optional Accessories

- Predisposed for aspiration and/or filtration system.
- Trolley with wheels

Technical Data

AC 1200/50 CM and AC 1200/50 CMDD



Dimensions (w x d x h) and weight

External: 1100 x 510 x 600mm
 Internal: 935 x 395 x 445mm
 Total Depth: 585mm
 Weight: 220 kg
 Internal Volume: Approx 80 lt

Packaging Dimensions (w x d x h)

Overall: 1265 x 810 x 850mm
 Weight: 250 kg

- Full TUV certification.
- Monolithic construction.
- New internal fireproof insulation made up of porous insulating matter with high fire resistance completely ecological.
- Double door with key lock.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for all life long of the cabinet. It covers any injury to persons and objects.

- "Fire test" in compliance with EN 1363-1:1999 e UNI EN 1363-1:2001.
- Completely produced in pickled and electro-galvanized steel 10/10 mm painted with epoxy acid-proof powder coating electrostatically applied through thermic tunnel at 200°C. Smooth painting in the most delicate parts, and textured in the exposed parts. Thickness of painting from a minimum of 60 µm (micron) to a maximum of 250 µm (micron), as per UNI EN ISO 9001:2000 procedure.
- Completely sealed monolithic construction. New building method with double cases, completely isolated by a special fire insulation.
- New internal fireproof insulation made up of porous insulating material with high fire resistance completely ecological.
- Internal body panels made of anti-scratch material, resistant to corrosive products.
- Trimming inflatable (DIN 4102) that swells in case of fire, isolating the inside of the cabinet from the outside.
- Extra trimming inflatable with protection against 'Cold and Hot fumes' and dusts.
- Self-closing door with automatic return and independent opening, so that the user is free to open the door to the right with the right hand, and to the left with left hand. (mod AC1200/50CM).
- Bottom basin made of a drilled shelf in electro-galvanized steel 10/10 mm painted with epoxy acid-proof dusts. Volume of shelf: 9 lt. Capacity of shelf 80 kg. (mod AC1200/50 CM).
- Anti-spark hinges (mod. AC1200/50 CM).
- Safety closing system: in case of fire it automatically closes the drawer at a temperature of 50°C (mod. AC1200/50 CMD and AC1200/50 CMDD).
- Ventilation system equipped with 2 certified safety valves for air-recycle that automatically close at 70 ± 10° C in compliance with the Norm EN 14470-1. The valves are positioned on the top and on the bottom of the cabinet in order to grant the release of substances.
- External connection collar 100 mm.
- Extractable door drawer with bottom basin made of electro-galvanized steel 10/10 mm painted with epoxy acidproof powder coated. Capacity of the shelf: kg 80 (mod. AC1200/50 CMD and AC1200/50 CMDD).
- Safety catch 'Ignis-lock®' that keep the doors closed in case of fire.
- CE" norm key lock.
- "No smoking" and "Fire" warning stickers on the doors (European Norms DIN 4844 and ISO 3864).
- Earthing system for each unit.
- Fitted with adjustable legs.
- Insurance "full risk": valid for all life long of the cabinet.

AA 120 NEW



Product Code: CH012A

Aspirated and filtered safety cabinet for storage of approximately 160 litres of chemicals, acids and lyes in accordance with TÜV PP 51021:1996, DIN 31 001-1 / DIN 4554 / ZH 1 / 428, EN 60335-1, EN 60335-2-80 and EN 61010-1.

Optional Accessories

- Spare filter (item code F007)
- Filter for formaldehyde (item code F007F)
- Spare shelves (painted or stainless steel)-



- Completely produced in electro-galvanized steel painted with epoxy acid-proof powder coating electrostatically applied through thermal tunnel at 200° C.
- Monolithic construction.
- TÜV Certification for each product (mod. AA120 NEW)
- Double door with key lock.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for life of the cabinet.

AAW 120 NEW



Product Code: CH012AW

Aspirated and filtered safety cabinet for storage of approximately 160 litres of chemicals, acids and lyes in accordance with TÜV PP 51021:1996, DIN 31 001-1 / DIN 4554 / ZH 1 / 428 and EN 60335-1 EN 60335-2-80 and EN 61010-1.

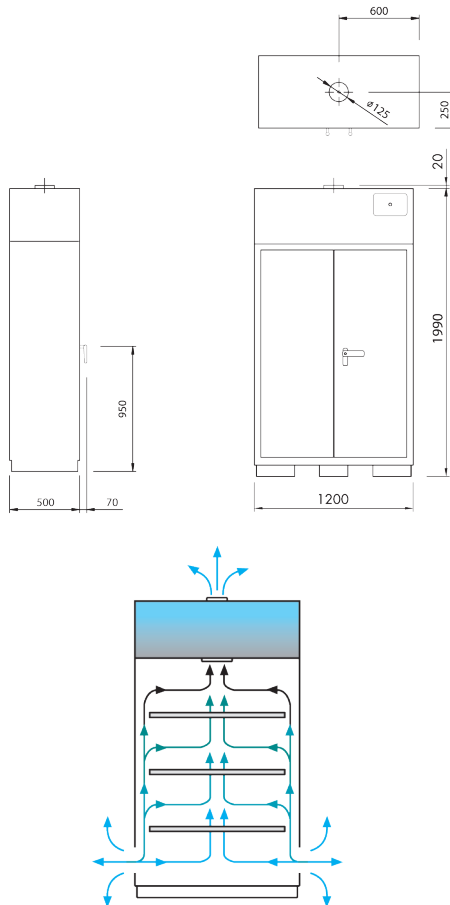
Optional Accessories

- Spare filter (item code F007)
- Filter for formaldehyde (item code F007F)
- Spare shelves (painted or stainless steel)



Technical Data

AA 120 NEW and AAW 120 NEW



Dimensions (W x D x H) and weight

External: 1200 x 500 x 1990 mm

Internal: 1120 x 450 x 1500 mm

Weight: 146 kg (AA120NEW) : 156 kg (AAW120NEW)

Internal Volume: Approx 800 l

Packaging Dimensions (W x D x H)

Overall: 1270 x 600 x 2050 mm

Weight: approx 170kg

- Safety cabinet produced in compliance with the following norms DIN 31 001-1 / DIN 4554 / ZH 1/428 and TÜV PP Test 51021:1996 (mod. AA 120 NEW).
- Completely produced in electro-galvanized steel 10/10 mm painted with epoxy acid-proof dusts electrostatically applied through thermic tunnel at 200°C. Smooth painting in the most delicate parts, and textured in the exposed parts. Thickness of painting from a minimum of 60 µm (micron) to a maximum of 250 µm (micron), as per procedure UNI EN ISO 9001:2000.
- 3 easily removable shelves made of pickled and electro-galvanized steel painted with epoxy acid-proof dusts 10/10 mm thickness steel with extractable brackets providing easy handling of the goods stored. The brackets are supplied with an anti-falling security lock. Tray shaped shelves to collect any liquid spills or breakages. Each shelf capacity is of 11 litres and loading capacity 100 kg.
- Watertight bottom basin made of pickled and electro-galvanized steel painted with epoxy acid-proof dusts 10/10 mm thickness, with 35 litres capacity.
- 110° for doors' opening to allow the easy extraction of the shelf without tilting it.
- Acid- proof hiding hinges.
- Security handle in compliance with anti-accident norms with new lock and key, with multi points closure.
- Activated charcoal filter Carbox® positioned inside the cabinet, easy to be substituted.
- New electronic device CUNCTATOR® device for charcoal filter substitution.
- Thermally protected electro aspirator IMQ IPX4 CE made of polymer class V0 to grant the highest level of self extinguishing, in conformity with EN 60335-1 and EN 60335-2-80.
- Power: 220/230 Volt
- Electrical absorption: 65 Watt
- Fuse 5x20 F 500 µA
- ON/OFF lamp
- Fitted with 4 adjustable feet.
- Earthing system for each unit.
- "Danger" stickers as requested by European Community Norms for corrosive, harmful and toxic products.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for the life of the cabinet.

AB 600



Product Code: CH006AB

Aspirated and filtered safety cabinet for storage of approximately 90 litres of chemicals, acids and lyes in accordance with TÜV PP 51021:1996, DIN 31 001-1 / DIN 4554 / ZH 1 / 428 and EN 60335-1 EN 60335-2-80.

Optional Accessories

- Spare filter (item code F007)
- Filter for formaldehyde (item code F007F)
- Spare shelves (painted or stainless steel)-



- Completely produced in electro-galvanized steel painted with epoxy acid-proof powder coating electrostatically applied through thermal tunnel at 200° C.
- Monolithic construction.
- TÜV Certification for each product (mod. AA120 NEW)
- Double door with key lock.
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for life of the cabinet.

AB 30/30 EST



Product Code: CH303AB

Aspirated and filtered safety cabinet for storage of approximately 90 litres of chemicals, acids and lyes in accordance with TÜV PP 51021:1996, DIN 31 001-1 / DIN 4554 / ZH 1 / 428 and EN 60335-1 EN 60335-2-80.

Optional Accessories

- Spare filter (item code F007)
- Filter for formaldehyde (item code F007F)
- Spare shelves (painted or stainless steel)-



Technical Data

AB 600
AB 30/30 EST

External dimensions (W x D x H)
600 x 500 x 1990 mm

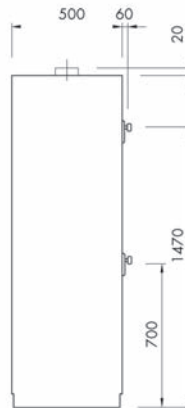
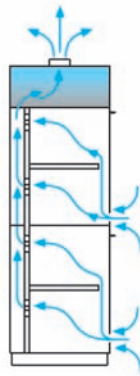
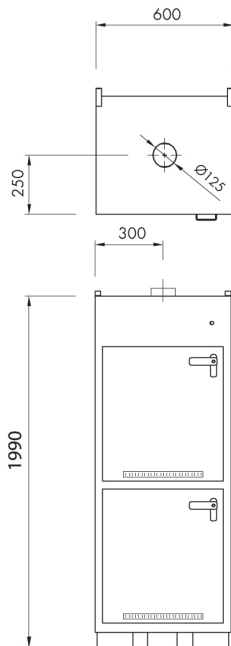
Internal dimensions (W x D x H) mm
520 x 440 x 720 + 780 mm

Weight
105 kg

Internal volume
Approx 342 lt

Packaging (W x D x H)
650 x 600 x 2050 mm

- Produced in compliance with the following norms DIN 31001-1 / DIN 4554 / ZH 1/428 and TÜV PP Test 51021:1996.
- Safety cabinet completely produced in electro-galvanized steel painted with epoxy acid-proof powder coating electrostatically applied through thermic tunnel at 200°C. Smooth painting in the most delicate parts, and textured in the exposed parts. Thickness of painting from a minimum of 60 µm (micron) to a maximum of 250 µm (micron), as per procedure UNI EN ISO 9001:2000.
- 2 separate compartments: one for acid and one for lye storage. Compartment for ACID: 2 acid-proof painted steel shelves, basin shaped shelves to collect spills of liquid in case of breakages, capacity 9 litres, shelf loading capacity 50 kg. Compartment for Base: 2 basin shaped shelves made of stainless steel to collect spills of liquid in case of breakages, capacity 9 litres, shelf loading capacity 40/100 kg (Model AB600).
- 2 separate vertical and extractable compartments. 4 shelves in shape of basin container made of PVC. Loading capacity of each shelf 25 kg.
- 110° for doors' opening to allow the easy extraction of the shelf without tilting it.
- Acid- proof hiding hinges. (Model AB600)
- Security handle in compliance with anti-accident norms with new lock and key, with multi points closure.
- Thermally protected electro-aspirator IMQ IPX4 CE made of polymer class V0 to grant the highest level of self extinguishing, in conformity with EN 60335-1 and EN 60335-2-80.
- ON/OFF lamp
- Power: 220/230 Volt
- Electrical absorption: 65 Watt
- Fuse 5x20 F 500 µA
- Fitted with adjustable feet.
- Earthing system for each unit.
- "Danger" stickers as required by European Community Norms for corrosive, harmful and toxic products.
- New base for easier transportation with removable cover.
- Insurance "Full risk": valid for all the life of the cabinet.



A 600/50

Product Code: CH006/5

AB 900/50

Product Code: CH009/5

AB1200/50

Product Code: CH012/5

Aspirated safety cabinet for storage of 50-90 litres of chemicals, acids and bases in accordance with TÜV PP 51021:1996, DIN 31001-1 / DIN 4554 / ZH 1/428 EN 60335-1 EN 60335-2 and EN 61010-1.

Optional Accessories

- Predisposed for filtration system
- Spare shelves (painted or stainless steel)



A 600/50



AB 900/50



AB 1200/50

- Completely produced in electro-galvanized steel painted with epoxy acid-proof powder coating electrostatically applied through thermal tunnel at 200° C.
- Monolithic construction.
- TÜV Certification for each product
- Single Door with key lock (A series)
- Double door with key lock (AB series).
- New base for easier transportation with removable cover.
- Insurance "full risk": valid for life of the cabinet.

Technical Data

A 600/50
 AB 900/50
 AB 1200/50

External dimensions (W x D x H)

600 x 500 x 720 mm (A 600/50)
 900 x 500 x 720 mm (AB 900/50)
 1200 x 500 x 720 mm (AB 1200/50)

Internal dimensions (W x D x H) mm

530 x 460 x 560 mm (A 600/50)
 380 + 380 x 488 x 580 mm (AB 900/50)
 330 + 530 x 460 x 560 mm (AB 1200/50)

Weight

45 kg (A 600/50) / 70 kg (AB 900/50)
 75 kg (AB 1200/50)

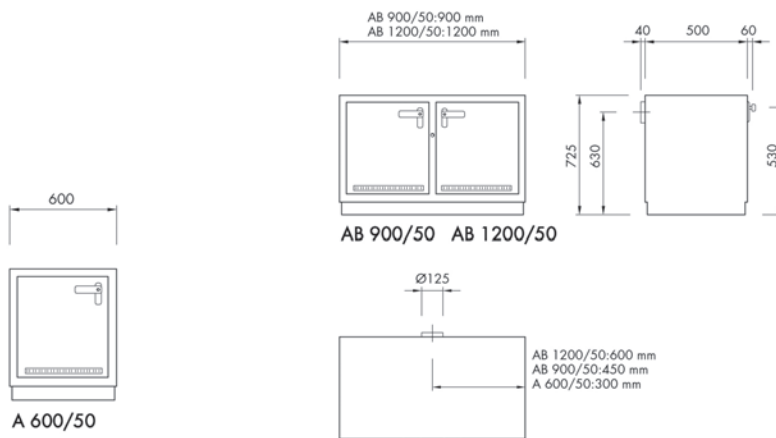
Internal volume

Approx 147 lt (A 600/50)
 Approx 224 lt (AB 900/50)
 Approx 295 lt (AB 1200/50)

Packaging (W x D x H)

650 x 640 x 760 mm / 55 kg / m3 0,32 (A 600/50)
 950 x 640 x 760 mm / 80 kg / m3 0,46 (AB 900/50)
 1250 x 640 x 760 mm / 85 kg / m3 0,61 (AB 1200/50)

- Produced in compliance with the following norms DIN 31001-1 / DIN 4554 / ZH 1/428 and TÜV PP Test 51021:1996.
- Safety cabinet completely produced in electro-galvanized steel painted with epoxy acid-proof powder coating electrostatically applied through thermic tunnel at 200°C. Smooth painting in the most delicate parts, and textured in the exposed parts. Thickness of painting from a minimum of 60 µm (micron) to a maximum of 250 µm (micron), as per procedure UNI EN ISO 9001:2000.
- 2 separate compartments: one for acid and one for lye storage (mod. AB900/50 and AB1200/50).
- Shelves made of painted acid-proof 10/10 mm thickness steel or stainless steel AISI 304 with extractable shelves providing easy handling of the goods stored. The brackets are supplied with an anti-falling security lock. Shelves are in basin shaped in order to collect liquid spills or breakages. Each shelf capacity is 6-9 litres and 40/100 kg loading capacity.
- Watertight bottom basin made of acid-proof painted steel or stainless steel AISI 304 thickness 10/10 mm to collect spills, 6-9 litres capacity.
- 110° for doors' opening to allow the easy extraction of the shelf without tilting it.
- Acid- proof hiding hinges.
- Security handle in compliance with anti-accident norms with new lock and key, with multi points closure.
- Thermically protected electro aspirator IMQ IPX4 CE made of polymer class V0 to grant the highest level of self extinguishing, in conformity with EN 60335-1 and EN 60335-2-80.
- ON/OFF lamp
- Power: 220/230 Volt
- Electrical absorption: 21 Watt
- Fitted with adjustable feet.
- Earthing system for each unit.
- "Danger" stickers as requested by European Community Norms for corrosive, harmful and toxic products.
- New base for easier transportation with removable cover.
- Insurance "Full risk": valid for all the life of the cabinet.



SICUR KEM 50

Product Code: SK 50

Safety metal cabinet for the storage of chemical and toxic non-aggressive substances.

External dimensions (W x D x H)

532 x 470 x 2000 mm

Internal dimensions (W x D x H)

470 x 385 x 1880 mm

Weight

45 kg



Optional Accessories

- Active carbon filter and fan (item KIT01)
- Spare shelves

- Completely produced in single walled sheet layer thickness 0.8 mm with upper reinforcement of 1,5 mm and lower reinforcement of 1.2 mm.
- Painted through thermal tunnel at 190° C with powders free from heavy metals, thermal hardening, with previous handling of de-greasing and phosphorylation.
- Internal shelves in sheet layer adjustable in height, with triple folding on two sides. Each shelf has a capacity of 90 kg.
- With two sheet layer doors complete with lock and bars.
- Complete with two horizontal grates for the natural ventilation and upper hole (Ø125 mm) for possible connection with a filtration and aspiration system.
- Colour RAL 7035 or similar.
- Insurance for the life of the cabinet.

SICUR KEM 100

Product Code: SK 100

Safety metal cabinet for the storage of chemical and toxic non-aggressive substances.

External dimensions (W x D x H)

1000 x 470 x 2000 mm

Internal dimensions (W x D x H)

935 x 385 x 1880 mm

Weight

80 kg



Optional Accessories

- Active carbon filter and fan (item KIT01)
- Spare shelves

Box Veleni MF-1 / MF-3

Product Code: ARMF1 / ARMF3

Small table or wall mounted cupboard for storage of toxic products or poison storage.

External dimensions (W x D x H)

550 x 350 x 600 mm (MF-3)

Internal dimensions (W x D x H)

500 x 280 x 550 mm (MF-3)

Weight

11 kg (MF-3)

Internal volume

Approx 77 litres (MF-3)

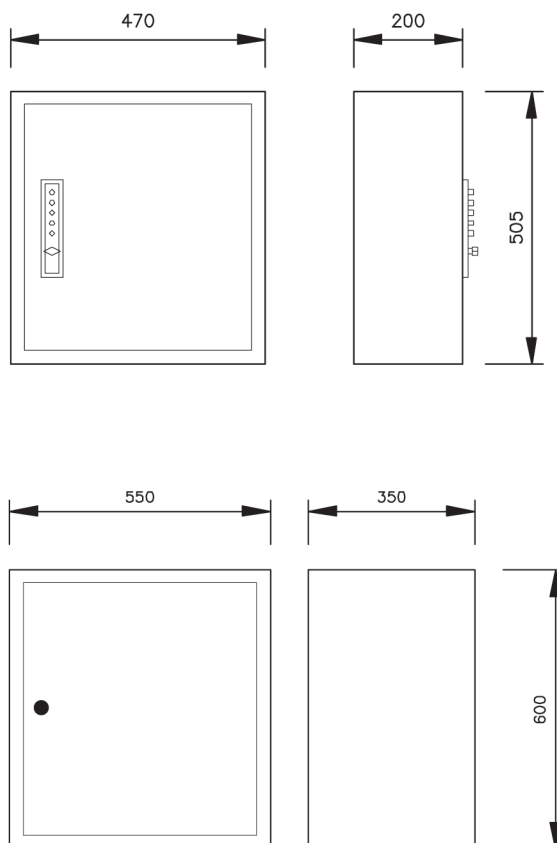
Packaging dimensions (W x D x H)

575 x 380 x 620 mm

Weight

17 kg

- Completely produced in pickled and electro-galvanized steel painted with epoxy acid-proof powder coating electrostatically applied through thermic tunnel at 200° C.
- Safety lock
- Painted steel shelf extractable and adjustable



KEMFIRE® 600

Product Code: KF006

KEMFIRE® 600A

Product Code: KF006A

KEMFIRE® 1100A

Product Code: KF011A

KEMFIRE® 1000/50

Product Code: KF010/5

KEMFIRE® 1200/50

Product Code: KF012/5

KEMFIRE® 1500/50

Product Code: KF015/5

KEMFIRE® 1700/50

Product Code: KF017/5



KF010/5 / KF012/5 / KF015/5 / KF017/5

Aspirated and filtrated safety cabinet for the combined storage of chemicals, acids and bases, and solid and liquid flammables in compliance with en 14470-1 - Type 90

- Completely produced in pickled and electro-galvanized steel 10/10 mm painted with epoxy acid-proof dusts electrostatically applied through thermic tunnel at 200°C. Smooth painting in the most delicate parts, and textured in the exposed parts. Thickness of painting from a minimum of 60 µm (micron) to a maximum of 250 µm (micron) as per UNI EN ISO 9001:2008 procedure.
- External completely sealed monolithic construction.
- New building method with double cases, internal and external.
- Earthing system to prevent eventual discharges.
- Fitted with adjustable legs
- “Danger” stickers for corrosive, harmful and toxic products in the upper part, and “No Smoking” and “Fire” warning stickers in the lower part, as required by European Norms DIN 4844 and ISO 3864).
- Handle locks with keys.
- Insurance “full risk” valid for the life of the cabinet.

Technical Data

| Part No | Product | Ext Dimensions | Wt Kg | Number of Shelves | Filter |
|---------|-----------------|----------------|---------|---|----------|
| KF006A | KEMFIRE 600 A | 595x510x1985 | 185 | 2 Shelves / 2 Bottom Basins with perforated shelf | Yes |
| KF006 | KEMFIRE 600 | 595x510x1700 | 175 | 2 Shelves / 2 Bottom Basins with perforated shelf | Optional |
| KF011A | KEMFIRE 1100A | 1080x510x1700 | 300 | 2 Shelves / 2 Bottom Basins with perforated shelf | Yes |
| KF010/5 | KEMFIRE 1000/50 | 995x510x600 | 185 | 1 Shelves / 1 Bottom Basins with perforated shelf | Optional |
| KF012/5 | KEMFIRE 1200/50 | 1195x510x600 | 185 | 1 Shelves / 1 Bottom Basins with perforated shelf | Optional |
| KF015/5 | KEMFIRE 1500/50 | 1495x510x600 | 210/260 | 1 Shelves / 1 Bottom Basins with perforated shelf | Optional |
| KF017/5 | KEMFIRE1700/50 | 1680x510x600 | 265 | 1 Shelves / 1 Bottom Basins with perforated shelf | Optional |

Upper part for chemicals, acids and bases products.

- Easily removable shelves made of pickled and electro-galvanized steel painted with epoxy acid-proof powder-coating 10/10 mm thickness steel with adjustable brackets in height providing easy handling of the goods stored. The brackets are supplied with an anti-falling security lock. Tray shaped shelves to collect any liquid spills or breakages. Each shelf capacity is 9 litres and loading capacity 80 kg.
- Watertight bottom basins made of pickled and electro-galvanized steel painted with epoxy acid-proof powder coating.
- 110° for doors' opening to allow the easy extraction of the shelf without tilting it.
- Thermally protected electro-aspirator IMQ IPX4 CE made of polymer class V0 to grant the highest level of self extinguishing, in conformity with EN 60335-1 and EN 60335-2-80 (ex EN 61010/1 and CEI 66-5)
- Power 220/230 Volt. Electrical absorption: 65 Watt. Fuse 5x20 F 500 µA
- ON /OFF lamp.
- Activated charcoal filter Carbox® positioned inside the cabinet, easy to be substituted.
- New electronic device for Cunctator® charcoal filter substitution.
- Acid-proof hiding hinges made of stainless steel.

Lower part for flammables products.

- "Fire test" in compliance with EN 1363-1 : 1999 and UNI EN 1363-1 : 2001.
- New internal fireproof insulation made up of porous insulating material with high fire resistance completely ecological.
- Internal body panels made of anti-scratch material, resistant to corrosive products.
- Trimming inflatable 8+6 cm (DIN 4102) that swells in case of fire, isolating the inside of the cabinet from the outside.
- Extra trimming inflatable with protection against "Cold and Hot" fumes and dusts.
- Self closing door with automatic return
- Natural Internal ventilation system equipped with 2 certified valves for air – recycle that automatically close at 70 ± 10 °C in compliance with the norm. The valves are positioned on the top and on the bottom of the cabinet in order to grant the release of substances.
- External connection collar 100 mm.
- Safety catch 'Ignis-lock®' that keeps the door closed in case of fire.
- Watertight bottom basins made of a drilled shelf in electro-galvanized steel painted with epoxy acid-proof powder coating.
- Anti spark hiding hinges.

BC 650 GS

Product Code: CG065

Safety cabinet for storage of 2 gas cylinders of 50 litres each in compliance with EN14470-2. "Test fire MPA DRESIDEN" and "GS certification"

Optional Accessories

- Predisposed for aspiration and / or filtration system
- CUNCTATOR® electronic device for charcoal filtration system



- "GS" certification for each product.
- Completely produced in electro-galvanized steel
- 10/10 mm painted with epoxy acid-proof powder coating electrostatically applied through thermic tunnel at 200°C.
- Monolithic construction.
- New internal fireproof insulation made up of porous insulating material with high fire resistance completely ecological.
- Door with key lock.
- Insurance "full risk": valid for the life of the cabinet.

BC 1350 GS

Product Code: CG0135

Safety cabinet for storage of 3-4 gas cylinders of 50 litres each in compliance with EN14470-2. "Test fire MPA DRESIDEN" and "GS certification"

Optional Accessories

- Predisposed for aspiration and / or filtration system
- CUNCTATOR® electronic device for charcoal filtration system



Technical Data

BC 650 GS

Dimensions (w x d x h) and weight

External: 700 x 600 x 2015 mm

Internal: 470 x 500 x 1850 mm

Total Depth: 680 mm

Weight: 300 kg

Internal Volume: Approx 520 litres

Packaging Dimensions (w x d x h)

Overall: 740 x 800 x 2150 mm

Weight: 315 kg

BC 1350 GS

Dimensions (w x d x h) and weight

External: 1300 x 600 x 2015 mm

Internal: 1165 x 500 x 1830 mm

Total Depth: 680 mm

Weight: 460 kg

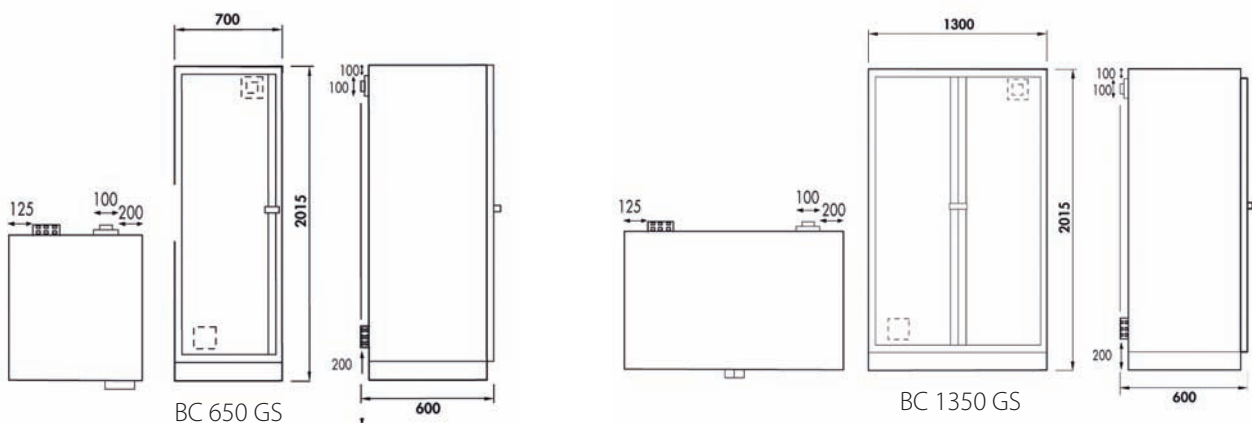
Internal Volume: Approx 1088 litres

Packaging Dimensions (w x d x h)

Overall: 1350 x 800 x 2150 mm

Weight: 475 kg

- Completely produced in pickled and electro-galvanized steel 10/10 mm painted with epoxy acid-proof powder coating electrostatically applied through thermic tunnel at 200°C. Thickness of painting from a minimum of 60µm (micron) to a maximum of 250 µm (micron), as per UNI EN ISO 9001:2000 procedure.
- Completely sealed monolithic construction.
- New building method with double cases, completely isolated by a special fire insulation.
- New internal fireproof insulation made up of porous insulating material with high fire resistance completely ecological.
- Internal body panel made of anti-scratch material, resistant to corrosive products.
- Trimming inflatable (DIN 4102) that swells in case of fire, isolating the inside of the cabinet from the outside.
- Extra trimming inflatable with protection against 'Cold and Hot fumes' and dusts.
- Ventilation system equipped with 2 certified safety valves for air-recycle that automatically close at $70 \pm 10^\circ \text{C}$. The valves are positioned on the top and on the bottom of the cabinet in order to grant the release of substances.
- External connection collar $\varnothing 100$ mm.
- Anti-spark hinges
- Security handle with lock and key, with gas installation systems.
- "No smoking" and "Fire" warning stickers on the doors (European Norms DIN 4844 and ISO 3864).
- Earthing system for each unit.
- Fitted with adjustable legs.
- Predisposed for gas installation systems.
- Space for reducers and distribution control unit.
- Retention belt made of fire - resistant material to hold the gas cylinders.
- Metal ramp to facilitate the placement of the gas cylinder in the cabinet.
- Possibility to include the monitoring of gas leaks.
- Insurance "full risk": valid for the life of the cabinet.



SD3 External Storage Unit

Product Code: SD3

Compressed gas cylinder exterior storage modular unit tested by institutes which have **SINAL** acknowledgements.

- Complete with continuous earthing system for each unit.
 - Electro-galvanized coating treatment for all components.
 - Calibration for modules fixing.
 - Modular roof construction using tarred corrugated board, fixed onto a varnished steel load-bearing support.
 - P.V.C. rain water gutter.
 - Front doors include security mesh and safety lock.
 - Design allows separation of fast and slow burning gases.
- External Dimensions (W x D x H): 960 x 880 x 2400 mm
 - Weight: 262 kg

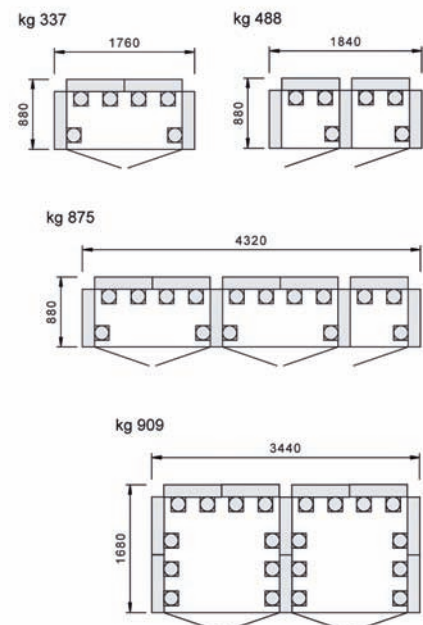
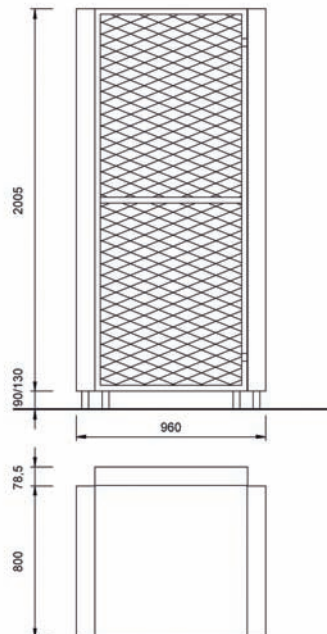
Optional Accessories

- Basic Model: Holds 3 compressed gas cylinders of 50 litres.
- It is possible to add more modules after initial installation.
- Fixed to the ground or placed on a concrete base.
- No special location requirements necessary.



Technical Data

- Steels panels are folded and welded onto girders to avoid structural deflection.
- It includes adjustable legs for fixing onto concrete base. Panel cavities may be filled with sand or concrete once fixed to the base.
- Produced with electro-galvanized steel and outlines, painted with epoxy and polyester acid-proof powder coating electrostatically applied through thermic tunnel at 200° C.
- Modular design.



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