CHEMISAFE®
SAFETY STORAGE CABINETS

Safety cabinets certified
for the storage of
INFLAMMABLES

Standard EN14470-1 (new version 2023)

FIRE-RESISTANT
CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

FIRE TEST

The wall of the cabinet must be positioned in the fire room at a distance of 100 mm from the wall.

The fire resistance of the cabinet must be validated by the destructive test of an identical model.

Possible reductions in the dimensions of the cabinet tested:

- Height or width max. 100 mm
- Depth max. 150 mm

The temperature increase inside the cabinet should not exceed 180 K or 200 °C. According to the time taken to reach this temperature, the cabinet will be classified as Type 30, 60 or 90 min.

These different flammability classes allow leaving sufficient time for the staff to leave the laboratory and for the firefighters to get in before the stored flammable products may cause fire.

Each CHEMISAFE cabinet model has passed the compliance control according to standard EN14470-1 (new version 2023) and it has the certificates of tests carried out by Bureau Veritas (BV).

In addition, airflow tests have been conducted.

CONSTRUCTION

The cabinet doors must close automatically in case of fire.

The side and rear walls must have the same construction and the same thickness.

On the other hand, the requirements of the standard cover the cabinet construction itself and its capacity to withstand external fire conditions (fire tests carried out according to ISO 834-1 [1] and EN 1363-1).

The tray volume must contain: at least 110 % of the volume of the largest container stored in the cabinet or 10 % of the total volume stored.

SIGNALLING

The cabinets must be equipped with suitable signals: standard pictograms complying with ISO 3864 (inflammables), maximum load per shelf, fire resistance of the model (30, 60 or 90 minutes).

QUALITY CONTROL

CHEMISAFE submitted its safety cabinet manufacturing to a continuous and extremely rigorous check by Bureau Veritas.
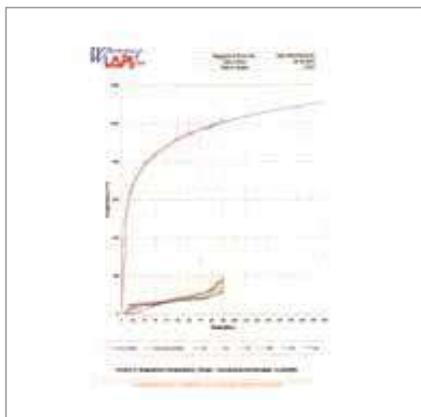
So twice a year, BV checks the production and verifies the quality and the manufacturing process.

The European standard EN 14470-1 (new version 2023) refers to cabinets freely positioned and to wall-mounted cabinets for the storage of inflammables.

All CHEMISAFE cabinet models have undergone a destructive test in a fire room performed in an independent accredited laboratory.

CHEMISAFE will make all the cabinet documents and certifications available

Report of fire resistance test with Temperature/Time diagram. Contact thermocouple increase.

CHEMISAFE cabinet series FIRE MY23 BEFORE fire resistance test.

CHEMISAFE cabinet series FIRE MY23 AFTER fire resistance test.

Storage cabinets for inflammables

FIRE-RESISTANT
CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

MAXIMUM PROTECTION FOR SAFETY FIRST!

For obvious safety reasons (fire, corrosion, intoxication…), all the high or low flammables must be handled and stored in fireproof cabinets (fire resistance of 90 minutes) certified according to standard EN14470-1 (new version 2023).

We opted for the maximum safety by offering a complete range of fire-resistant cabinets TYPE

90 minutes.

The cabinet construction, the automatic closing of the doors (present on all our models), the thermo-expanding seals and the fire dampers ensure the cabinet containment for 90 minutes and a maximum protection of the people.

WHAT DOES IT MEAN FOR THE USER

- A use according to the regulations
- A maximum use safety
- A certification documentation identifying the safety cabinet (traceability).

Series FIRE MY23 Grey

Certified according to EN14470-1 (new version 2023) standard Type 90 & EN16121

FIRE-RESISTANT CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

CSF232BMY23

CSF239BMY23

CSF239FMY23

Easy replacement of spare parts in case of damage

📢 TECHNICAL FEATURES

- Completely made of an electrogalvanized steel plate with a thickness of 1 - 1.5 mm, cold bent - Grey RAL 7035
- External finishing made of acidproof epoxy resin and passage through a thermal tunnel a 200 °C
- Cabinet isolation through some high density rock wool panels and some calcium sulphate panels
- Internal finishing with melamine panels highly resistant to chemical and aggressive vapours
- Structure allowing replacing spare parts if necessary
- Automatic door closing when the ambient temperature exceeds 50 °C
- 30 mm thermo-expanding isolation seals which in case of temperature rise ensure a perfect cabinet sealing according to standard EN14470-1 (new version 2023)
- Air inlet and outlet with certified fire dampers closing ducts when the temperature exceeds 70 °C according to standard 4102-6
- Prearrangement for ventilation through a Ø 100 mm flange for an external connection or a filtering ventilation system (see the chapter on ventilation)

- **Closing and locking system of the doors allowing keeping the doors open** and closing them automatically in case of ambient temperature higher than 50 °C
- Spark resistant hinge ensuring a perfect door solidity
- Cabinet equipped with earthing
- Leveling jacks
- Door key lock
- 3 shelves made of **painted** (**BASIC** series) or of **stainless steel** (**EASY** series) whose height can be adjusted, 1 tray with grid
- Shelf fastening on aluminium eyelets excluding all risks of spark
- Fire tested shelves
- ISO 3864: Pictogram signalling
- Certified as fire-resistant for **90 minutes**, according to standard **EN14470-1 BV (new version 2023 Bureau Veritas)**
- Certified according to standard **EN16121 BV (Bureau Veritas)**
- Palletized base plinth for easy handling of the cabinet.

SERIES FIRE MY23 Grey

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	STORAGE CAPACITY*	Weight (Kg)
CSF239BMY23**	Cabinet series FIRE MY23 BASIC with 1 door	595x600x2050	496x446x1540	3 shelves made of **painted** steel (max. load 60 Kg evenly distributed) + 1 retention tray with grid (capacity 20 Litres)	80 / 100	210
CSF239MY23**	Cabinet series FIRE MY23 EASY with 1 door	595x600x2050	496x446x1540	3 shelves made of **stainless** steel (max. load 60 Kg evenly distributed) + 1 retention tray with grid (capacity 20 Litres)	80 / 100	210
CSF232BMY23	Cabinet series FIRE MY23 BASIC with 2 doors	1200x600x2050	1095x446x1540	3 shelves made of **painted** steel (max. load 80 Kg evenly distributed) + 1 retention tray with grid (capacity 45 Litres)	160 / 200	350
CSF232MY23	Cabinet series FIRE MY23 EASY with 2 doors	1200x600x2050	1095x446x1540	3 shelves made of **stainless** steel (max. load 80 Kg evenly distributed) + 1 retention tray with grid (capacity 45 Litres)	160 / 200	350
CSF239FMY23	Cabinet series FIRE MY23 PHARMACY BASIC with 1 door	595x600x2050	496x446x1540	3 sliding tray shelves made of **painted** steel (max. load 60 Kg evenly distributed) + 1 sliding retention tray with grid (capacity 20 Litres)	80 / 100	210

*Approximate capacity in bottles holding 1 litre per cabinet
**Left door opening. Add «D» to the item code for the right door opening

INTERNAL EQUIPMENT (optional)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm	RETENTION VOLUME (LITRES)	STORAGE CAPACITY*
RIP60VMY23	Additional shelf made of **painted** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120VMY23	Additional shelf made of **painted** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
RIP60MY23	Additional shelf made of **stainless** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120MY23	Additional shelf made of **stainless** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
S60S	Frame for pull-out shelf for fire 60 (shelf not included)			
RIP60VS	Additional sliding shelf made of **painted** steel for S60S	394x420x39	7	20 / 25
RIP60IS	Additional sliding shelf made of **stainless** steel for S60S	394x420x39	7	20 / 25
S120S	Frame for pull-out shelf for fire 120 (shelf not included)			
RIP120VS	Additional sliding shelf made of **painted** steel for S120S	925x420x39	16	44 / 55
RIP120IS	Additional sliding shelf made of **stainless** steel for S120S	925x420x39	16	44 / 55
RIPGI	Additional rotating shelf for cabinet with 1 door			
CHEMIROLL	Wheel board to move the cabinets			
TIM24	Daily counter			
ESTINTORE	Internal carbon dioxide fire-extinguisher with automatic thermal tripping (62 °C)	Ø 90x280		
CEGSM	GSM dialer for inflammable cabinets			
ASFIRE	Pair of anti-seismic brackets for cabinets			
CSFR35	NEW COLDY refrigerator (use together with DIAM125BP)			

*Approximate capacity in bottles holding 1 litre

VENTILATION (optional)*

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm
DIAM125BP	Fresh air box with filter holding box for high cabinet with 1 or 2 doors - outlet Ø: 125 mm (filter excluded)	290x290x270
CSF100BPAMY23	Fresh air box **ATEX** with power cable and filter box - outlet diam. 125 mm	350x370x500
RSOL	Activated charcoal filter for organic solvents - series FIRE MY23 (to replace at least 3 times a year)	235x110x15
GFKIT100	External connection kit (1 metre of hose diam. 100 mm and 2 clamps)	Ø 100 - W 1000 mm
CFN	Fresh air box with molecular filtration according to standard NFX15-211, with visual and audible alarm	570x500x250
CFNL	Molecular filtration box manufactured, without alarm	570x500x250
CFNCO	Hour counter for CFN	
CSAS	Activated charcoal filter for solvents (prefilter included)	510x405x60
CSBE	Activated charcoal filter for acids (prefilter included)	510x405x60
CSMP	Activated charcoal filter for solvents and acids (prefilter included)	510x405x60
CSPF	Prefilter	510x405x15
CSPFO	ACTIVATED carbon filter for FORMALINE (for CFN)	

*To obtain the complete list of the connection accessories, see the chapter on ventilation of this catalogue and the current price list

EN 14470-1 16121

Series FIRE MY23 Yellow

Certified according to EN14470-1 (new version 2023) standard Type 90 & EN16121

FIRE-RESISTANT CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

CSF232BMY23Y

CSF239BMY23Y

Painted steel shelf
RIP60VMY23

Stainless steel shelf
RIP60XMY23

High storage capacity

📢 TECHNICAL FEATURES

- Completely made of an electrogalvanized steel plate with a thickness of 1 - 1.5 mm, cold bent - Yellow RAL 1021
- External finishing made of acidproof epoxy resin and passage through a thermal tunnel a 200 °C
- Cabinet isolation through some high density rock wool panels and some calcium sulphate panels
- Internal finishing with melamine panels highly resistant to chemical and aggressive vapours
- Structure allowing replacing spare parts if necessary
- Automatic door closing when the ambient temperature exceeds 50 °C
- 30 mm thermo-expanding isolation seals which in case of temperature rise ensure a perfect cabinet sealing according to standard EN14470-1 (new version 2023)
- Air inlet and outlet with certified fire dampers closing ducts when the temperature exceeds 70 °C according to standard 4102-6
- Prearrangement for ventilation through a Ø 100 mm flange for an external connection or a filtering ventilation system (see the chapter on ventilation)

- **Closing and locking system of the doors allowing keeping the doors open** and closing them automatically in case of ambient temperature higher than 50 °C
- Spark resistant hinge ensuring a perfect door solidity
- Cabinet equipped with earthing
- Leveling jacks
- Door key lock
- 3 shelves made of **painted** (**BASIC** series) or of **stainless steel** (**EASY** series) whose height can be adjusted, 1 tray with grid
- Shelf fastening on aluminium eyelets excluding all risks of spark
- Fire tested shelves
- ISO 3864: Pictogram signalling
- Certified as fire-resistant for **90 minutes**, according to standard **EN14470-1 BV (new version 2023 Bureau Veritas)**
- Certified according to standard **EN16121 BV (Bureau Veritas)**
- Palletized base plinth for easy handling of the cabinet.

SAFETY STORAGE CABINETS FOR INFLAMMABLES

SERIES FIRE MY23 Yellow

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	STORAGE CAPACITY*	Weight (Kg)
CSF239BMY23Y**	Yellow cabinet series FIRE MY23 BASIC with 1 door	595x600x2050	496x446x1540	3 shelves made of **painted** steel (max. load 60 Kg evenly distributed) + 1 retention tray with grid (capacity 20 Litres)	80 / 100	210
CSF239MY23Y**	Yellow cabinet series FIRE MY23 EASY with 1 door	595x600x2050	496x446x1540	3 shelves made of **stainless** steel (max. load 60 Kg evenly distributed) + 1 retention tray with grid (capacity 20 Litres)	80 / 100	210
CSF232BMY23Y	Yellow cabinet series FIRE MY23 BASIC with 2 doors	1200x600x2050	1095x446x1540	3 shelves made of **painted** steel (max. load 80 Kg evenly distributed) + 1 retention tray with grid (capacity 45 Litres)	160 / 200	350
CSF232MY23Y	Yellow cabinet series FIRE MY23 EASY with 2 doors	1200x600x2050	1095x446x1540	3 shelves made of **stainless** steel (max. load 80 Kg evenly distributed) + 1 retention tray with grid (capacity 45 Litres)	160 / 200	350

*Approximate capacity in bottles holding 1 litre per cabinet
**Left door opening. Add «D» to the item code for the right door opening

INTERNAL EQUIPMENT (optional)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm	RETENTION VOLUME (LITRES)	STORAGE CAPACITY*
RIP60VMY23	Additional shelf made of **painted** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120VMY23	Additional shelf made of **painted** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
RIP60MY23	Additional shelf made of **stainless** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120MY23	Additional shelf made of **stainless** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
S60S	Frame for pull-out shelf for fire 60 (shelf not included)			
RIP60VS	Additional sliding shelf made of **painted** steel for S60S	394x420x39	7	20 / 25
RIP60IS	Additional sliding shelf made of **stainless** steel for S60S	394x420x39	7	20 / 25
S120S	Frame for pull-out shelf for fire 120 (shelf not included)			
RIP120VS	Additional sliding shelf made of **painted** steel for S120S	925x420x39	16	44 / 55
RIP120IS	Additional sliding shelf made of **stainless** steel for S120S	925x420x39	16	44 / 55
RIPGI	Additional rotating shelf for cabinet with 1 door			
CHEMIROLL	Wheel board to move the cabinets			
TIM24	Daily counter			
ESTINTORE	Internal carbon dioxide fire-extinguisher with automatic thermal tripping (62 °C)	Ø 90x280		
CEGSM	GSM dialer for inflammable cabinets			
ASFIRE	Pair of anti-seismic brackets for cabinets			
CSFR35	NEW COLDY refrigerator (use together with DIAM125BP)			

*Approximate capacity in bottles holding 1 litre

VENTILATION (optional)*

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm
DIAM125BP	Fresh air box with filter holding box for high cabinet with 1 or 2 doors - outlet Ø: 125 mm (filter excluded)	290x290x270
CSF100BPAMY23	Fresh air box **ATEX** with power cable and filter box - outlet diam. 125 mm	350x370x500
RSOL	Activated charcoal filter for organic solvents - series FIRE MY23 (to replace at least 3 times a year)	235x110x15
GFKIT100	External connection kit (1 metre of hose diam. 100 mm and 2 clamps)	Ø 100 - W 1000 mm
CFN	Fresh air box with molecular filtration according to standard NFX15-211, with visual and audible alarm	570x500x250
CFNL	Molecular filtration box manufactured, without alarm	570x500x250
CFNCO	Hour counter for CFN	
CSAS	Activated charcoal filter for solvents (prefilter included)	510x405x60
CSBE	Activated charcoal filter for acids (prefilter included)	510x405x60
CSMP	Activated charcoal filter for solvents and acids (prefilter included)	510x405x60
CSPF	Prefilter	510x405x15
CSPFO	ACTIVATED carbon filter for FORMALINE (for CFN)	

*To obtain the complete list of the connection accessories, see the chapter on ventilation of this catalogue and the current price list

CHEMISAFE SAFETY STORAGE CABINETS

EN 14470-1 16121

Series BIG FIRE MY23 Grey

Certified according to EN14470-1 (new version 2023) standard Type 90 & EN16121

FIRE-RESISTANT CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

CSF240BMY23

CSF240BMY23 OPEN

THE NEW WAY
More storage, less expensive, same security
STORAGE CAPACITY: 128/160 1 liter bottle
+ 60% bigger than one-door cabinet
- 28% less than a two-door

📢 TECHNICAL FEATURES

- Completely made of an electrogalvanized steel plate with a thickness of 1 - 1.5 mm, cold bent - Grey RAL 7035
- External finishing made of acidproof epoxy resin and passage through a thermal tunnel a 200 °C
- Cabinet isolation through some high density rock wool panels and some calcium sulphate panels
- Internal finishing with melamine panels highly resistant to chemical and aggressive vapours
- Structure allowing replacing spare parts if necessary
- Automatic door closing when the ambient temperature exceeds 50 °C
- 30 mm thermo-expanding isolation seals which in case of temperature rise ensure a perfect cabinet sealing according to standard EN14470-1 (new version 2023)
- Air inlet and outlet with certified fire dampers closing ducts when the temperature exceeds 70 °C according to standard 4102-6
- Prearrangement for ventilation through a Ø 100 mm flange for an external connection or a filtering ventilation system (see the chapter on ventilation)

- **Closing and locking system of the doors allowing keeping the doors open** and closing them automatically in case of ambient temperature higher than 50 °C
- Spark resistant hinge ensuring a perfect door solidity
- Cabinet equipped with earthing
- Leveling jacks
- Door key lock
- 3 shelves made of **painted** (**BASIC** series) or of **stainless steel** (**EASY** series) whose height can be adjusted, 1 bottom sump with draining grid which allows a bigger storage volume
- Shelf fastening on aluminium eyelets excluding all risks of spark
- Fire tested shelves
- ISO 3864: Pictogram signalling
- Certified as fire-resistant for **90 minutes**, according to standard **EN14470-1 BV (new version 2023 Bureau Veritas)**
- Certified according to standard **EN16121 BV (Bureau Veritas)**
- Palletized base plinth for easy handling of the cabinet.

SERIES BIG FIRE MY23 Grey

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	STORAGE CAPACITY*	Weight (Kg)
CSF240BMY23**	Cabinet series BIG FIRE MY23 BASIC with 1 door - **L900**	895x600x2050	796x446x1540	3 shelves made of **painted** steel (max. load 70 Kg evenly distributed) + 1 retention tray with grid (capacity 25 Litres)	128 / 160	280
CSF240MY23**	Cabinet series BIG FIRE MY23 EASY with 1 door - **L900**	895x600x2050	796x446x1540	3 shelves made of **stainless** steel (max. load 70 Kg evenly distributed) + 1 retention tray with grid (capacity 25 Litres)	128 / 160	280

*Approximate capacity in bottles holding 1 litre per cabinet
**Left door opening. Add «D» to the item code for the right door opening

INTERNAL EQUIPMENT (optional)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm	RETENTION VOLUME (LITRES)	STORAGE CAPACITY*
RIP90VMY23	Additional shelf made of **painted** steel for cabinet with 1 door **W900**	793x420x39	12	32 / 40
RIP90MY23	Additional shelf made of **stainless** steel for cabinet with 1 door **W900**	793x420x39	12	32 / 40
S90S	Frame for pull-out shelf for FIRE 90 (shelf not included)			
RIP90VS	Additional sliding shelf made of **painted** steel for S90S	695x420x39	12	32 / 40
RIP90IS	Additional sliding shelf made of **stainless** steel for S90S	695x420x39	12	32 / 40
CHEMIROLL	Wheel board to move the cabinets			
TIM24	Daily counter			
ESTINTORE	Internal carbon dioxide fire-extinguisher with automatic thermal tripping (62 °C)	Ø 90x280		
CEGSM	GSM dialer for inflammable cabinets			
ASFIRE	Pair of anti-seismic brackets for cabinets			
CSFR35	NEW COLDY refrigerator (use together with DIAM125BP)			

*Approximate capacity in bottles holding 1 litre

VENTILATION (optional)*

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm
DIAM125BP	Fresh air box with filter holding box for high cabinet with 1 or 2 doors - outlet Ø: 125 mm (filter excluded)	290x290x270
CSF100BPAMY23	Fresh air box **ATEX** with power cable and filter box - outlet diam. 125 mm	350x370x500
RSOL	Activated charcoal filter for organic solvents - series FIRE MY23 (to replace at least 3 times a year)	235x110x15
GFKIT100	External connection kit (1 metre of hose diam. 100 mm and 2 clamps)	Ø 100 - W 1000 mm
CFN	Fresh air box with molecular filtration according to standard NFX15-211, with visual and audible alarm	570x500x250
CFNL	Molecular filtration box manufactured, without alarm	570x500x250
CFNCO	Hour counter for CFN	
CSAS	Activated charcoal filter for solvents (prefilter included)	510x405x60
CSBE	Activated charcoal filter for acids (prefilter included)	510x405x60
CSMP	Activated charcoal filter for solvents and acids (prefilter included)	510x405x60
CSPF	Prefilter	510x405x15
CSPFO	ACTIVATED carbon filter for FORMALINE (for CFN)	

*To obtain the complete list of the connection accessories, see the chapter on ventilation of this catalogue and the current price list

Series BIG FIRE MY23 Yellow

Certified according to EN14470-1 (new version 2023) standard Type 90 & EN16121

FIRE-RESISTANT CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

CSF240BMY23Y

CSF240BMY23Y OPEN

THE NEW WAY
More storage, less expensive, same security
STORAGE CAPACITY: 128/160 1 liter bottle
+ 60% bigger than one-door cabinet
- 28% less than a two-door

📢 TECHNICAL FEATURES

- Completely made of an electrogalvanized steel plate with a thickness of 1 - 1.5 mm, cold bent - Yellow RAL 1021
- External finishing made of acidproof epoxy resin and passage through a thermal tunnel a 200 °C
- Cabinet isolation through some high density rock wool panels and some calcium sulphate panels
- Internal finishing with melamine panels highly resistant to chemical and aggressive vapours
- Structure allowing replacing spare parts if necessary
- Automatic door closing when the ambient temperature exceeds 50 °C
- 30 mm thermo-expanding isolation seals which in case of temperature rise ensure a perfect cabinet sealing according to standard EN14470-1 (new version 2023)
- Air inlet and outlet with certified fire dampers closing ducts when the temperature exceeds 70 °C according to standard 4102-6
- Prearrangement for ventilation through a Ø 100 mm flange for an external connection or a filtering ventilation system (see the chapter on ventilation)

- **Closing and locking system of the doors allowing keeping the doors open** and closing them automatically in case of ambient temperature higher than 50 °C
- Spark resistant hinge ensuring a perfect door solidity
- Cabinet equipped with earthing
- Leveling jacks
- Door key lock
- 3 shelves made of **painted** (**BASIC** series) or of **stainless steel** (**EASY** series) whose height can be adjusted, 1 bottom sump with draining grid which allows a bigger storage volume
- Shelf fastening on aluminium eyelets excluding all risks of spark
- Fire tested shelves
- ISO 3864: Pictogram signalling
- Certified as fire-resistant for **90 minutes**, according to standard **EN14470-1 BV (new version 2023 Bureau Veritas)**
- Certified according to standard **EN16121 BV (Bureau Veritas)**
- Palletized base plinth for easy handling of the cabinet.

SERIES BIG FIRE MY23 Yellow

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	STORAGE CAPACITY*	Weight (Kg)
CSF240BMY23**	Yellow cabinet series BIG FIRE MY23 BASIC with 1 door - **L900**	895x600x2050	796x446x1540	3 shelves made of **painted** steel (max. load 70 Kg evenly distributed) + 1 retention tray with grid (capacity 25 Litres)	128 / 160	280
CSF240MY23**	Yellow cabinet series BIG FIRE MY23 EASY with 1 door - **L900**	895x600x2050	796x446x1540	3 shelves made of **stainless** steel (max. load 70 Kg evenly distributed) + 1 retention tray with grid (capacity 25 Litres)	128 / 160	280

*Approximate capacity in bottles holding 1 litre per cabinet
**Left door opening. Add «D» to the item code for the right door opening

INTERNAL EQUIPMENT (optional)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm	RETENTION VOLUME (LITRES)	STORAGE CAPACITY*
RIP90VMY23	Additional shelf made of **painted** steel for cabinet with 1 door **W900**	793x420x39	12	32 / 40
RIP90MY23	Additional shelf made of **stainless** steel for cabinet with 1 door **W900**	793x420x39	12	32 / 40
S90S	Frame for pull-out shelf for FIRE 90 (shelf not included)			
RIP90VS	Additional sliding shelf made of **painted** steel for S90S	695x420x39	12	32 / 40
RIP90IS	Additional sliding shelf made of **stainless** steel for S90S	695x420x39	12	32 / 40
CHEMIROLL	Wheel board to move the cabinets			
TIM24	Daily counter			
ESTINTORE	Internal carbon dioxide fire-extinguisher with automatic thermal tripping (62 °C)	Ø 90x280		
CEGSM	GSM dialer for inflammable cabinets			
ASFIRE	Pair of anti-seismic brackets for cabinets			
CSFR35	NEW COLDY refrigerator (use together with DIAM125BP)			

*Approximate capacity in bottles holding 1 litre

VENTILATION (optional)*

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm
DIAM125BP	Fresh air box with filter holding box for high cabinet with 1 or 2 doors - outlet Ø: 125 mm (filter excluded)	290x290x270
CSF100BPAMY23	Fresh air box **ATEX** with power cable and filter box - outlet diam. 125 mm	350x370x500
RSOL	Activated charcoal filter for organic solvents - series FIRE MY23 (to replace at least 3 times a year)	235x110x15
GFKIT100	External connection kit (1 metre of hose diam. 100 mm and 2 clamps)	Ø 100 - W 1000 mm
CFN	Fresh air box with molecular filtration according to standard NFX15-211, with visual and audible alarm	570x500x250
CFNL	Molecular filtration box manufactured, without alarm	570x500x250
CFNCO	Hour counter for CFN	
CSAS	Activated charcoal filter for solvents (prefilter included)	510x405x60
CSBE	Activated charcoal filter for acids (prefilter included)	510x405x60
CSMP	Activated charcoal filter for solvents and acids (prefilter included)	510x405x60
CSPF	Prefilter	510x405x15
CSPFO	ACTIVATED carbon filter for FORMALINE (for CFN)	

*To obtain the complete list of the connection accessories, see the chapter on ventilation of this catalogue and the current price list

Series BACMY23 Grey

Certified according to EN14470-1 (new version 2023) standard Type 90 & EN16121

FIRE-RESISTANT CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

CSF232BACMY23

CSF239BACMY23

Painted steel shelf RIP60VMY23

Closing system

> **Closing system allowing keeping the doors open**

📢 TECHNICAL FEATURES

- Completely made of an electrogalvanized steel plate with a thickness of 1 - 1,5 mm, cold bent - Grey RAL 7035
- External finishing in acidproof epoxy resin and passage through a thermal tunnel at 200 °C
- Cabinet isolation through some high density rock wool panels and some calcium sulphate panels
- Internal finishing with melamine panels highly resistant to chemical and aggressive vapours
- Structure allowing replacing spare parts if necessary
- Automatic door closing when the ambient temperature exceeds 50 °C
- 30 mm thermo-expanding isolation seals which in case of temperature rise ensure a perfect cabinet sealing according to standard EN14470-1 (new version 2023)
- Air inlet and outlet with certified fire dampers closing ducts when the temperature exceeds 70 °C according to standard DIN 4102-6.
- Prearrangement for ventilation through a Ø 100 mm flange for an external connection or a filtering ventilation system (see the chapter on ventilation)

- Closing and locking system of the doors allowing keeping the doors opened and closing them automatically in case of ambient temperature higher than 50 °C
- Spark resistant hinge ensuring a perfect door solidity
- Cabinet equipped with earthing
- Leveling jacks
- Door key lock
- 3 shelves made of painted or stainless steel (optional) whose height can be adjusted, 1 retention tray with grid
- Shelf fastening on some aluminium eyelets excluding all risks of spark
- Fire tested shelves
- ISO 3864 : Pictogram signalling
- Certified as fire-resistant for **90 minutes**, according to standard **EN14470-1 BV (new version 2023 Bureau Veritas)**
- Certified according to standard **EN16121 BV (Bureau Veritas)**
- Palletized base plinth for easy handling of the cabinet.

CHEMISAFE SAFETY STORAGE CABINETS

SAFETY STORAGE CABINETS FOR INFLAMMABLES

SERIES BACMY23 Grey

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	STORAGE CAPACITY*	Weight (Kg)
CSF239BACMY23**	Cabinet series BACMY23 with 1 door	595x600x2050	496x446x1540	3 shelves made of **painted** steel (max. load 60 Kg evenly distributed) + 1 retention tray with grid (capacity 20 Litres)	80 / 100	190
CSF232BACMY23	Cabinet series BACMY23 with 2 doors	1200x600x2050	1095x446x1540	3 shelves made of **painted** steel (max. load 80 Kg evenly distributed) + 1 retention tray with grating (capacity 45 Litres)	160 / 200	325

*Approximate capacity in bottles holding 1 litre per cabinet
**Left door opening. Add «D» to the item code for the right door opening

INTERNAL EQUIPMENT (optional)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm	RETENTION VOLUME (LITRES)	STORAGE CAPACITY*
RIP60VMY23	Additional shelf made of **painted** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120VMY23	Additional shelf made of **painted** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
RIP60MY23	Additional shelf made of **stainless** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120MY23	Additional shelf made of **stainless** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
RIPGI	Additional rotating shelf for cabinet with 1 door			
CHEMIROLL	Wheel board to move the cabinets			
CEGSM	GSM dialer for inflammable cabinets			
ASFIRE	Pair of anti-seismic brackets for cabinets			
CSFR35	NEW COLDY refrigerator (use together with DIAM125BP)			

*Approximate capacity in bottles holding 1 litre

VENTILATION (optional)*

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm
DIAM125BP	Fresh air box with filter holding box for high cabinet with 1 or 2 doors - outlet Ø: 125 mm (filter excluded)	290x290x270
CSF100BPAMY23	Fresh air box **ATEX** with power cable and filter boxe - outlet diam. 125 mm	350x370x500
RSOL	Activated charcoal filter for organic solvents - series FIRE MY23 (to replace at least 3 times a year)	235x110x15
GFKIT100	External connection kit (1 metre of hose diam. 100 mm and 2 clamps)	Ø 100 - W 1000 mm
CFN	Fresh air box with molecular filtration according to standard NFX15-211, with visual and audible alarm	570x500x250
CFNL	Molecular filtration box manufactured, without alarm	570x500x250
CFNCO	Hour counter for CFN	
CSAS	Activated charcoal filter for solvents (prefilter included)	510x405x60
CSBE	Activated charcoal filter for acids (prefilter included)	510x405x60
CSMP	Activated charcoal filter for solvents and acids (prefilter included)	510x405x60
CSPF	Prefilter	510x405x15
CSPFO	ACTIVATED carbon filter for FORMALINE (for CFN)	

*To obtain the complete list of the connection accessories, see the chapter on ventilation of this catalogue and the current price list

Series BACMY23 Yellow

Certified according to EN14470-1 (new version 2023) standard Type 90 & EN16121

FIRE-RESISTANT CERTIFIED
90 minutes (TYPE 90)
NEW STANDARD EN 14470-1 2023

CSF239BACMY23Y

CSF232BACMY23Y

CSF232BACMY23Y OPEN

Ideal for industry

Closing system

Shelf made of painted steel RIP60VMY23

📢 TECHNICAL FEATURES

- Completely made of an electrogalvanized steel plate with a thickness of 1 - 1,5 mm, cold bent - Yellow RAL 1021
- External finishing in acidproof epoxy resin and passage through a thermal tunnel at 200 °C
- Cabinet isolation through some high density rock wool panels and some calcium sulphate panels
- Internal finishing with melamine panels highly resistant to chemical and aggressive vapours
- Structure allowing replacing spare parts if necessary
- Automatic door closing when the ambient temperature exceeds 50 °C
- 30 mm thermo-expanding isolation seals which in case of temperature rise ensure a perfect cabinet sealing according to standard EN14470-1 (new version 2023)
- Air inlet and outlet with certified fire dampers closing ducts when the temperature exceeds 70 °C according to standard DIN 4102-6.
- Prearrangement for ventilation through a Ø 100 mm flange for an external connection or a filtering ventilation system (see the chapter on ventilation)

- Closing and locking system of the doors allowing keeping the doors opened and closing them automatically in case of ambient temperature higher than 50 °C
- Spark resistant hinge ensuring a perfect door solidity
- Cabinet equipped with earthing
- Leveling jacks
- Door key lock
- 3 shelves made of painted or stainless steel (optional) whose height can be adjusted, 1 retention tray with grid
- Shelf fastening on some aluminium eyelets excluding all risks of spark
- Fire tested shelves
- ISO 3864 : Pictogram signalling
- Certified as fire-resistant for **90 minutes**, according to standard **EN14470-1 BV (new version 2023 Bureau Veritas)**
- Certified according to standard **EN16121 BV (Bureau Veritas)**
- Palletized base plinth for easy handling of the cabinet.

SAFETY STORAGE CABINETS FOR INFLAMMABLES

SERIES BACMY23 Yellow

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	STORAGE CAPACITY*	Weight (Kg)
CSF239BACMY23**	Cabinet series BACMY23 with 1 door	595x600x2050	496x446x1540	3 shelves made of **painted** steel (max. load 60 Kg evenly distributed) + 1 retention tray with grid (capacity 20 Litres)	80 / 100	190
CSF232BACMY23	Cabinet series BACMY23 with 2 doors	1200x600x2050	1095x446x1540	3 shelves made of **painted** steel (max. load 80 Kg evenly distributed) + 1 retention tray with grating (capacity 45 Litres)	160 / 200	325

*Approximate capacity in bottles holding 1 litre per cabinet
**Left door opening. Add «D» to the item code for the right door opening

INTERNAL EQUIPMENT (optional)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm	RETENTION VOLUME (LITRES)	STORAGE CAPACITY*
RIP60VMY23	Additional shelf made of **painted** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120VMY23	Additional shelf made of **painted** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
RIP60MY23	Additional shelf made of **stainless** steel for cabinet with 1 door **W600**	493x420x39	7	20 / 25
RIP120MY23	Additional shelf made of **stainless** steel for cabinet with 2 doors	1094x420x39	16	44 / 55
RIPGI	Additional rotating shelf for cabinet with 1 door			
CHEMIROLL	Wheel board to move the cabinets			
CEGSM	GSM dialer for inflammable cabinets			
ASFIRE	Pair of anti-seismic brackets for cabinets			
CSFR35	NEW COLDY refrigerator (use together with DIAM125BP)			

*Approximate capacity in bottles holding 1 litre

VENTILATION (optional)*

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm
DIAM125BP	Fresh air box with filter holding box for high cabinet with 1 or 2 doors - outlet Ø: 125 mm (filter excluded)	290x290x270
CSF100BPAMY23	Fresh air box **ATEX** with power cable and filter box - outlet diam. 125 mm	350x370x500
RSOL	Activated charcoal filter for organic solvents - series FIRE MY23 (to replace at least 3 times a year)	235x110x15
GFKIT100	External connection kit (1 metre of hose diam. 100 mm and 2 clamps)	Ø 100 - W 1000 mm
CFN	Fresh air box with molecular filtration according to standard NFX15-211, with visual and audible alarm	570x500x250
CFNL	Molecular filtration box manufactured, without alarm	570x500x250
CFNCO	Hour counter for CFN	
CSAS	Activated charcoal filter for solvents (prefilter included)	510x405x60
CSBE	Activated charcoal filter for acids (prefilter included)	510x405x60
CSMP	Activated charcoal filter for solvents and acids (prefilter included)	510x405x60
CSPF	Prefilter	510x405x15
CSPFO	ACTIVATED carbon filter for FORMALINE (for CFN)	

*To obtain the complete list of the connection accessories, see the chapter on ventilation of this catalogue and the current price list

CHEMISAFE SAFETY STORAGE CABINETS

EN 14470-1

SAFETY FIRE CASE
Certified according to EN14470-1 (new version 2023) standard Type 30

FIRE-RESISTANT
CERTIFIED
30 minutes (TYPE 30)
NEW STANDARD EN 14470-1 2023

Portable safety box to store 4 bottles (1L) of inflammable liquids

PORTABLE, PRACTICAL AND SAFE!

CSF500

> Ideal for storing small quantities.
> Cheap implementation compared with the regulations on inflammable product storage

TECHNICAL FEATURES

- Completely made of an electrogalvanized steel plate with a thickness from 1 to 1.5 mm, cold bent - Grey RAL 7031
- External finishing made of acidproof epoxy resin and passage through a thermal tunnel at 200 °C
- Cabinet isolation through some high density rock wool panels and some calcium sulphate panels
- Automatic cover closing when the ambient temperature exceeds 50 °C
- 30 mm thermo-expanding isolation seals that in case of temperature rise ensure a perfect box sealing, according to standard EN14470-1N (new version 2023)

- Optional carriage
- Side handles
- Clover with key lock
- 1 **painted steel** retention tray
- ISO 3864: Pictogram signalling
- Certified as fire-resistant for **30 minutes**, according to standard **EN14470-1 BV (new version 2023 Bureau Veritas)**

SAFETY STORAGE CABINETS FOR INFLAMMABLES

SAFETY FIRE CASE

CODE	DESCRIPTION	EXTERNAL DIMENSIONS (WxDxH) mm	INTERNAL DIMENSIONS (WxDxH) mm	INTERNAL EQUIPMENT	STORAGE CAPACITY*	Weight (Kg)
CSF500	Safety Fire Case Type 30	340x340x400	200x200x265	1 steel retention tray (capacity 1.5 Litres)	4 bottles holding 1litre or 1 bottle holding 5 litres	18

*Approximate capacity in bottles holding 1 litre per cabinet

INTERNAL EQUIPMENT (optional)

CODE	DESCRIPTION	DIMENSIONS (WxDxH) mm	RETENTION VOLUME (LITRES)	STORAGE CAPACITY*
CSF560	Wheeled carriage			
TR/EFO	Pipe passage (chromatography)	Ø <2 cm		
ESTINTORE	External carbon dioxide fire-extinguisher with automatic thermal tripping (62 °C)	Ø 90x280		

*Approximate capacity in bottles holding 1 litre

APPLICATION: CHROMATOGRAPHIE CPG / HPLC

- Solvent storage in a portable fire-resistant box and bound to the chromatographic chain through some tubing
- The tubing is connected through a fire-resistant passage with a diameter < 2 cm located on the box cover
- **Optional Chromatography:** Code: TR/EFO

SAFETY FIRST during your chromatographic manipulations

WASTE STORAGE TANK

CHEMISAFE offers several solutions allowing safe collection of (inflammable or not inflammable) liquid wastes coming from the manipulations inside the laboratories.

HOW TO CHOOSE YOUR WASTE STORAGE TANK?

Our very big range of safety underbench cabinets allows offering several possible choices of waste storage tanks.

The cabinet located below the working surface of the fume cabinet or underbench will be connected either to a basin or to a funnel:

1 Choose your cabinet model from our underbench COMBISTORAGE range H620 mm according to the type of liquids to reject (fire-resistant cabinets or for chemicals)

2 Choose the recovery and bottle filling level detection system as required

LIQUID RECOVERY SYSTEM WITH CONTACT ELECTRONIC CONTROL OF THE FILLING LEVEL (PROBE)

- Cabinet drilling for the discharge pipe passage
- The pipe will pass through the cabinet thanks to a firestop hole certified REI 180 for the use of inflammable products and standard for acids/bases
- Funnel with removable grid made of black HDPE allowing recovering contaminated liquids. Jerrycans made of HDPE, capacity of 10 litres.
- Electronic level sensor assembled on velcro which can be fixed either on the jerrycan itself, or on the cabinet wall.
- Audible and visual alarm to be placed, for example, on an underbech cabinet back.
- The system will be equipped with a level probe with visual and audible alarm

CODE	DESCRIPTION
CS8001	Controlled waste system alarm complete with AC/VIS alarm, fitting, cap, flexible connector, funnel, and fixing connector on the surface
CS8002	Controlled waste system complete with AC/VIS alarm, fitting, cap, flexible connector, tap interception on cap, funnel, and fixing connector on the surface
CS8027	5L Tank
CS8028	10L Tank

Connection to an underbench funnel

Connection to a basin under fume cabinet

- Safety funnel made of conductive HPDE. It is equipped with an earth system, and it is delivered with a cable and pliers. A removable sieve allows filtering some solids.
- The small funnel has a cover to close it when it is not used
- The big funnel is equipped with an automatic closing float

FIREPROOF CABINET accessories
Fire-extinguisher

⬥ TECHNICAL FEATURES

- Automatic fire-extinguisher to be positioned inside or outside the cabinet
- Automatic tripping when the internal temperature of the cabinet exceeds 68 °C

ESTINTORE

Fire-extinguisher installed in a safety cabinet

Fastening system

4G Sensor: fire/smoke alarm with telephone call, SMS, and email notification

The 4G Sensor is a smoke detector with communicating by 4G LPWAN (Low Power Wide Area Network).

The fire alarm is signaled by sound, flashing visual indicator and by sending an alarm to SMS,EMAIL, CALL with text to speech and MyFleet Web based platform.

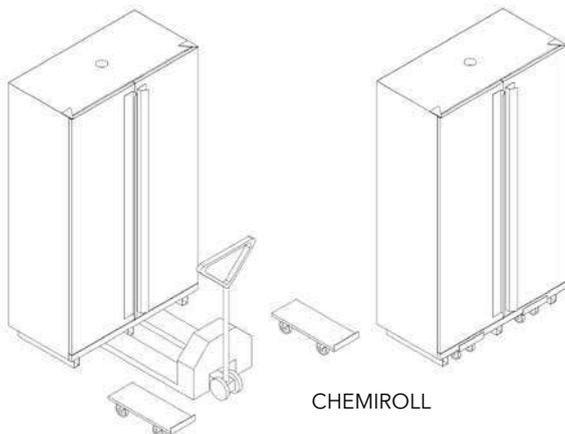The device has a built-in temperature and humidity sensors.

It is designed to be placed on a ceiling in a confined space, under normal conditions (no smoke, dust, condensed water vapor).

Stand-alone, Easy to use, Long life battery, Internal siren, SMS, MAIL, CALL text to speech for the alerts.

⬥ TECHNICAL FEATURES

- Dimensions: 130x35 mm
- Alarm sound: 80dB at 3 m
- Weight: 160 g
- Operating Temperature: -10 °C to 50 ° C
- Battery life up: 2 years
- Working Humidity: 10 to 95% NC

- Networking: 4G LTE CAT-M
- Battery: 3.6V 3500mAh non rechargeable
- Temperature and humidity sensors built-in
- Stop buzzer alarm from server to device and remote
- Installation: Ceiling

Base plate and wheel board

CHEMIROLL

⬥ TECHNICAL FEATURES

- **Base plate** with magnetized cover for pallet truck and **wheel board** to move easily the heaviest cabinets

CHEMISAFE®
SAFETY STORAGE CABINETS

Authorized dealer: