

EN 14470-1 - EN 14470-2 SAFETY CABINETS FOR FLAMMABLE AND EXPLOSIVE PRODUCTS, AND GAS CYLINDERS



Flammable
cabinets

Corrosive
cabinets

Toxic cabinets
and multirisk

Pesticide
range

Fume hoods, filtering
cabinets - Ventilation

Containment
and Cans

Anti-fire equipments
and File cabinets

Showers and first-
aid equipments



EN 14470-1 SAFETY CABINETS FOR FLAMMABLE AND EXPLOSIVE PRODUCTS

EN 14470-2 SAFETY CABINETS FOR GAS CYLINDERS

INTRODUCTION

For security reasons you have to store your flammable or explosive products in a safety cabinet. No matter your business branch or the degree of flammability of your products, they have to be stored in case of fire in order to delay the risk of explosion.

NORM

EN 14470-1 and 14470-2 EUROPEAN NORM :

EN 14470-1 **EN 14470-2**

Scope

EN 14470-1: The new European norm came into effect in October 2004 and concerns the storage of flammable products in laboratories. It also only concerns the safety cabinets which internal volume is equivalent or less than 1m³.

EN 14470-2 : The new European norm came into effect in April 2006 and concerns the storage of gaz cylinders in laboratories. It also only concerns the safety cabinets with total internal volume allows storage gaz cylinders in a lower capacity 220 liters.

FM (FACTORY MUTUAL) : Offers worldwide industrial and commercial product certification and testing services through its business unit FM Approvals. Recognized and respected across the worldwide, FM Approvals certification assures customers that a product or service has been objectively tested and conforms to the highest national and international standards. The certification FM requires a fire-resistance of 10 minutes for Safety cabinets, according to the heat curve NFPA 251-1969

Main requirements



1. Fire protection :

In case of fire, the safety cabinet shall assure for at least 15 minutes that the contents of the cabinet do not contribute to any additional risks or spread of fire. A fire safety storage cabinet shall be classified as one of the types listed below:

EN 14470-1 Storage of flammable liquids	EN 14470-2 Storage of gas cylinder	Fire resistance
Type 15	Type G15	15 minutes
Type 30	Type G30	30 minutes
Type 60	Type G60	60 minutes
Type 90	Type G90	90 minutes

2. Fire test :

All cabinets described in this brochure have succeeded a fire test destruction in according to EN 14770-1 (2004) or EN 14470-2 (2006) norms. These tests were conducted by an outside laboratory accredited by COFRAC.

3. Spill containment sump :

A spill containment sump shall be installed underneath the lowest storage level. The sump shall have:

- a minimum capacity of 10% of the volume of all containers stored in the cabinet,
- or at least, 110% of the volume of the largest single container, whichever is the greater.

4. Construction :

The doors of the cabinet must be fully self-closing from any position. The side and back walls must be of the same thickness and comparable construction. Requirements are given in respect of the construction of the cabinet and its capacity to resist fire conditions from the outside (Fire test given in ISO 834-1 and EN 1363-1).

5. Safety labelling :

Cabinets must be fitted with its signage: standardized pictograms in as per standard ISO 3864:

EN 14470-1 : flammable materials, open flame and smoking prohibited, permissible maximum load per shelf, the largest container can be inserted into the cabinet, fire resistance model (15, 30, 60 or 90 minutes) capacity maintains closed when the cabinet door is not used ...

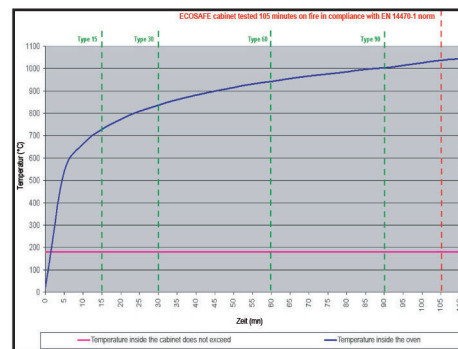
EN 14470-2 : presence of compressed gas cylinders, fire resistance model (15, 30, 60 or 90 minutes), maintains cabinet doors closed when not in use.

6. Ventilation :

Safety Cabinets must have air inlet and outlet as well as a thermo-fuse which seals off the ventilation system in case of fire. These could be used to connect a forced ventilation system. The air change must be at least 10 times the volume of the safety cabinet (closed doors).



^795 cabinet placed into the oven to fire test according to EN 14470-1 norm (photography before test).



^ ISO 834-1 fire test curve



^ Sensors in a flammable cabinet

CHOOSE YOUR SAFETY CABINET ACCORDING TO YOUR ACTIVITY AND TO THE LEVEL OF PROTECTION YOU NEED

FLASH POINT ⁽¹⁾	DEGREE OF FLAMMABILITY	EXEMPLE OF PRODUCTS	RECOMMENDED SAFETY CABINETS	
			In Industries ⁽²⁾	In laboratoires
HIGHER THAN 55°C	LITTLE FLAMMABLE	FUEL, GAS OIL	RANGE 3030, 7030, 1, 2	RANGE 3030, 7030
BETWEEN 21°C AND 55°C	FLAMMABLE	OIL OF TURPENTINE, WHITE SPIRIT	RANGE 3030, 7030, 1, 2, 3	RANGE 3030, 7030
BETWEEN 0°C AND 21°C	EASILY FLAMMABLE	ETHANOL, METHANOL	RANGE 760+, 2, 5	RANGE 760+
UNDER 0°C	EXTREMELY FLAMMABLE	ACETONE, ETHER	RANGE 790+	RANGE 790+
Gas cylinders model B2, B5, B11, B20 et B50			RANGE 7630BG	RANGE 7630BG

⁽¹⁾ Flash point : Lowest temperature at which a liquid could form gas/air mixtures able to burn when an ignition source is applied.

⁽²⁾ Please check our brochure Safety cabinets for flammables.

IN THIS PART OF THE CATALOG YOU WILL FIND:

Safety cabinets - 105 minutes	EN 14470-1, FM	Range 790+
Safety drawer cabinets - 105 minutes	EN 14470-1, FM	Range 790+T
Safety cabinets for recovery waste - 105 minutes	EN 14470-1, FM	Range 790+ARD
Multirisk cabinets - 105 minutes	EN 14470-1	Range 790+M
Storage cabinets for lithium-ion batteries - 105 minutes		Range 790+LI
Safety cabinets - 60 minutes	EN 14470-1	Range 760+
Safety cabinets - 30 minutes and 15 minutes	EN 14470-1, FM	Range 3030
Safety cabinets - 30 minutes and 15 minutes	EN 14470-1, FM	Range 3030.T
Type 30 minutes cabinets with glass doors	EN 14470-1	Range 3030PV
Multirisk cabinets - 30 minutes	EN 14470-1	Range 3030.M
Safety cabinets for gaz cylinders	EN 14470-2	Range 7630BG

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Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

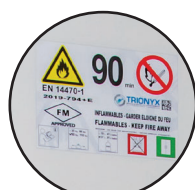
Containment and Cans

File cabinets Anti-fire equipments

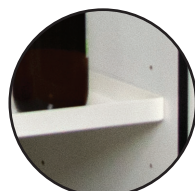
Showers and first-aid equipments

RANGE 790+**EN 14470-1 EN 1363-1 FM 6050**

EN 14470-1 & FM⁽¹⁾ SAFETY CABINETS TYPE 105 MIN FOR FLAMMABLE PRODUCTS



Standardized labeling



Containment Shelf



Moving by pallet truck (empty)



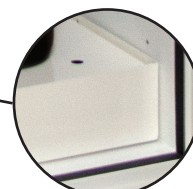
▲795+E + C235



Self-closing door(s) with thermo-fuse



Key locking System



Removable base through



CERTIFICATION

- Tested and approved according to EN 14470-1 (04/2004) and EN 1363-1 (06/2000) type 90.
- Normalized labelling according to ISO 3864 and EN 14470-1 (04/2004) norms, and 92/58/CEE european directive.
- ⁽¹⁾Tested and approved Type 10 minutes according to FM 6050 (Factory Mutual international).

ADVANTAGES

- Fire resistance for 105 minutes (approved Type 90) in as per ISO 834 fire heating curve.
- Tested and approved by an independent European laboratory.

PASSIVE SECURITY

- Double wall construction :
 - Outer housing made of sheet steel (12/10th) with high quality epoxy coating RAL 9010.
 - Inner body built in white (RAL 9010) melamine-based wood.
- Thermal insulation panel between the walls avoiding thermal bridges.
- Removable bottom containment sump.
- Safety labellings as per EN 14470-1.
- Adjustable containment shelves.
- Earthing link.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.

- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.
- Separately locking door(s) with cylinder locks.
- Self-closing door(s) with option to keep the door(s) open. If the temperature rises to 47°C, a fuse link closes the door(s) automatically.

OPTIONS

- Doors with different color possibility for 794 and 795 models:
 - Frame and shelves in white (RAL 9010); **doors in yellow (RAL1023)**
- Additional shelf
- Grating for retention tank
- Drawer / sliding retention tray
- PVC surprotections
- Ventilation or filter casings
- Absorbent mats to be placed at the bottom of the holding tank (packets of 10 sheets)
- Code lock (1 per door)

Cooling system

To increase the security of your cabinet and control the temperature inside, we propose you a cooling system. Ask-us for more information.



RANGE 790+

EN 14470-1 EN 1363-1 FM 6050



794+E + C148*



795+EJ*



▲ Option Code lock SERCODE (1 per door)

CABINETS WITH EQUIPMENTS

Door's reference	Description	Type	Number of door(s)	Outside dimensions H x W x D (mm)	Storage capacity (L)	Delivered with		Maximum load per shelf (kg)	Weight (kg)	
						Containment shelf	Containment sump			
white	yellow									
791+E ⁽¹⁾	-	Cabinet equipped	under-bench	1	630 x 635 x 570 ⁽¹⁾	30	1	1	30	127
791T ⁽⁴⁾	-	Cabinet equipped	under-bench	1	670 x 635 x 615 ⁽⁴⁾	30	-	1	30	155
792+E ⁽¹⁾	-	Cabinet equipped	under-bench	2	630 x 1137 x 570 ⁽¹⁾	60	1	1	50	213
792T ⁽⁴⁾	-	Cabinet equipped	under-bench	1	670 x 1137 x 615 ⁽⁴⁾	60	-	1	50	240
793+E ⁽²⁾	-	Cabinet equipped	working cover	2	1100 x 1137 x 670 ⁽²⁾	115	2	1	30	297
798+E ⁽²⁾	-	Cabinet equipped	working cover	1	1100 x 635 x 670 ⁽²⁾	65	2	1	40	182
794+E ⁽³⁾	794+PJE ⁽³⁾	Cabinet equipped	tall	1	1950 x 635 x 620 ⁽³⁾	130	3	1	50	287
795+E ⁽³⁾	795+PJE ⁽³⁾	Cabinet equipped	tall	2	1950 x 1137 x 620 ⁽³⁾	250	3	1	30	453
795+900E ⁽³⁾	-	Cabinet equipped	tall	2	1950 x 905 x 620 ⁽³⁾	200	3	1	46	438

NON-EQUIPPED CABINETS

Reference	Description	Type	Number of door(s)	Outside dimensions H x W x D (mm)	Inside dimensions H x W x D (mm)	Weight (kg)
791+	Cabinet without equipment	under-bench	1	630 x 635 x 570 ⁽¹⁾	420 x 490 x 285	122
792+	Cabinet without equipment	under-bench	2	630 x 1137 x 570 ⁽¹⁾	420 x 1000 x 285	203
793+	Cabinet without equipment	working cover	2	1100 x 1137 x 670 ⁽²⁾	820 x 1000 x 410	277
798+	Cabinet without equipment	working cover	1	1100 x 635 x 670 ⁽²⁾	820 x 490 x 410	171
794+	Cabinet without equipment	tall	1	1950 x 635 x 620 ⁽³⁾	1620 x 490 x 410	277
795+	Cabinet without equipment	tall	2	1950 x 1137 x 620 ⁽³⁾	1620 x 1000 x 410	435
795+900	Cabinet without equipment	tall	2	1950 x 905 x 620 ⁽³⁾	1620 x 765 x 410	420

EQUIPMENTS AND ACCESSORIES

P/N	Description	Outside dimensions H x W x D (mm)	Weight (kg)
E1	Containment shelf for 1 door cabinet type 791+	30 x 490 x 285	3
E2	Containment shelf for 2 doors cabinet type 792+	30 x 1000 x 285	6
E48	Containment shelf for 1 door cabinet - W: 635 - D: 670 mm	30 x 490 x 410	3
E35	Containment shelf for 2 doors cabinet - W: 1135 - D: 670 mm	30 x 1000 x 410	6
E235-900	Containment shelf for 2 doors cabinet - W: 900 - D: 670 mm	30 x 765 x 410	6
B1	Containment sump for 1 door cabinet type 791+	100 x 490 x 285	3
B2	Containment sump for 2 doors cabinet type 792+	100 x 1000 x 285	6
B48	Containment sump for 1 door cabinet - W: 635 - D: 670 mm	100 x 490 x 410	5
B35	Containment sump for 2 doors cabinet - W: 1135 - D: 670 mm	100 x 1000 x 410	10
B235-900	Containment sump for 2 doors cabinet - W: 900 - D: 670 mm	100 x 765 x 410	10
C1	Perforated cover plate for 1 door cabinet type 791+	90 x 480 x 285	3
C2	Perforated cover plate for 2 doors cabinet type 792+	90 x 990 x 285	6
C48	Perforated cover plate for 1 door cabinet - W: 635 - D: 670 mm	90 x 460 x 390	4
C35	Perforated cover plate for 2 doors cabinet - W: 1135 - D: 670 mm	90 x 990 x 400	8
C235-900	Perforated cover plate for 2 doors cabinet - W: 900 - D: 670 mm	90 x 755 x 400	8
C1T	Perforated cover plate for 1 door drawer cabinet 791T	80 x 430 x 390	8
C2T	Perforated cover plate for 1 door drawer cabinet 792T	80 x 940 x 390	8
T48	Self retracting shelf for 1 door cabinet - W: 635 mm - D: 670 mm	80 x 420 x 380	6
T35	Self retracting shelf for 2 doors cabinet - W: 1135 mm - D: 670 mm	80 x 930 x 380	12
T235-900	Self retracting shelf for 2 doors cabinet - W: 900 mm - D: 670 mm	80 x 695 x 380	12
SE48	PVC containment shelf for E79148 (for E79235 model, 2 pieces by level are required)	30 x 488 x 377	3
SB48	PVC Containment sump for 1 door cabinet in W: 670 mm. For 2 doors models in W: 1135, 2 pieces by level are required).	100 x 471 x 409	5
TP48	Sloping roof for cabinet 1 door cabinet - W : 635 mm - 670 mm	235 x 640 x 620	10
TP35	Sloping roof for cabinet 2 doors cabinet - W : 1135 mm - 670 mm	235 x 1140 x 620	20
SERCODE	Code lock ((1 per door)	-	-

(1) Depth with the connecting sleeve at the back. Depth without connecting sleeve : 520 mm
 (2) Depth with the connecting sleeve at the back. Depth without connecting sleeve : 620 mm

(3) Height with the connecting sleeve at the back. Height without connecting sleeve : 1900 mm
 (4) Depth with the connecting sleeve at the back. Depth without connecting sleeve : 565 mm

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 06/2020

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RANGE 790+T**EN 14470-1 EN 1363-1 FM 6050**

EN 14470-1 SAFETY CABINETS TYPE 105 MIN FOR FLAMMABLE PRODUCTS WITH SELF ERGONOMIC RETENTION DRAWERS



794+T5 ▲
Self retracting drawer with automatic closing in case of fire⁽²⁾



▲ 795+T6



792T ▲

P/N	Description	Type	Number of doors	Outside Dimensions H x W x D (mm)	Inside Dimensions H x W x D (mm)	Weight (kg)
791T	Cabinet 1 drawer	under-bench	1	670 x 635 x 615 ⁽¹⁾	450 x 480 x 370	155
792T	Cabinet 1 drawer	under-bench	1	670 x 1137 x 615 ⁽¹⁾	450 x 950 x 370	240
794+T4	Cabinet 1 door, 4 drawers	tall	1	1950 x 635 x 620	1620 x 490 x 410	301
794+T5	Cabinet 1 door, 5 drawers	tall	1	1950 x 635 x 620	1620 x 490 x 410	307
794+T6	Cabinet 1 door, 6 drawers	tall	1	1950 x 635 x 620	1620 x 490 x 410	313
795+T4	Cabinet 2 doors, 4 drawers	tall	2	1950 x 1137 x 620	1620 x 1000 x 410	483
795+T5	Cabinet 2 doors, 5 drawers	tall	2	1950 x 1137 x 620	1620 x 1000 x 410	495
795+T6	Cabinet 2 doors, 6 drawers	tall	2	1950 x 1137 x 620	1620 x 1000 x 410	507
T48	Additional drawer 1 door ⁽²⁾	tall	2	80 x 420 x 380	-	6
T35	Additional drawer 2 doors ⁽²⁾	tall	2	80 x 930 x 380	-	12

(1) Depth with the connecting sleeve at the back. Depth without connecting sleeve : 565 mm
(2) To be ordered during manufacture. Maximum quantity per cabinet: 6

RANGE 790+ARD**EN 14470-1 EN 1363-1**

EN 14470-1 SAFETY CABINETS FOR RECOVERY OF WASTE - TYPE 90 MINUTES



EN 14470-1 UNDER-BENCH CABINETS - TYPE 90 MINUTES

CERTIFICATION

- Tested and approved according to EN 14470-1 (04/2004) and EN 1363-1 (06/2000).
- Normalized labelling according to ISO 3864 and EN 14470-1 (04/2004) norms, and 92/58/CEE european directive.

ADVANTAGES

- 90-minute fire resistance according to ISO 834 fire heating curve.
- Tested and approved by an independent European laboratory.

PASSIVE SECURITY

- Wall building with double layers :
 - Building's outer walls and doors are of sheet of steel (12/10th) with high quality epoxy coating RAL 9010 ;
 - Inner body built in melamine-based wood.
- Removable retention tank located at the bottom of the cabinets.
- Safety labellings with standardized labels.
- Earthing link.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.
- Ventilation pipes, equipped with expandable seals.
- Self-closing door(s) with possibility to keep the door(s) open.
- Self-closing device of the door(s) at 47°C.

RECOVERY OF WASTE SYSTEM

- Drilling located on the roof of the cabinet for the evacuation pipe, including a thermo-expandable system to protect contents in the cabinet against fire. This drilling could change the fire resistance.
- Funnel, made of black HDPE, is equipped with grating, which allows to get back liquid wastes.
- Can is made of black HDPE - 10 liters (size of the can : 265 x 185 x 290).
- An electronic level sensor is fixed with a velcro strip on the can or on the cabinet.
- A visual and sound system alarm can be installed on sides of the cabinet.

P/N	Description	Outside dim. H x W x D (mm)	Inside dim. H x W x D (mm)	Base trough	W. (kg)
791ARD	Under-bench cabinet for recovery of waste - One door	630 x 635 x 570 ⁽¹⁾	420 x 490 x 285	1	160
792ARD	Under-bench cabinet for recovery of waste - Two doors	630 x 1137 x 570 ⁽¹⁾	420 x 1000 x 285	1	230

(1) Depth with the connecting sleeve at the back. Depth without connecting sleeve : 520 mm

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Corrosive cabinets

Toxic cabinets and multirisk

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Fume hoods, filtering cabinets - Ventilation

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File cabinets Anti-fire equipments

Showers and first-aid equipments

RANGE 790+M**EN 14470-1 EN 1363-1**

EN 14470-1 MULTIRISK CABINETS – 105 MINUTES



Self-closing door(s) with thermo-fuse



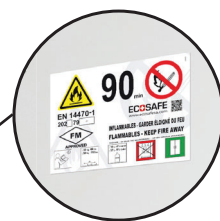
Key locking System



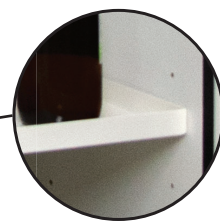
Moving by pallet truck (empty)



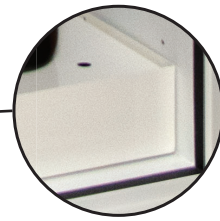
▲795+M13



Standardized labeling



Containment shelf



Removable base Trough



CERTIFICATION

- Tested and approved according to EN 14470-1 (04/2004) and EN 1363-1 (06/2000).
- Normalized labelling according to ISO 3864 and EN 14470-1 (04/2004) norms, and 92/58/CEE european directive.

ADVANTAGES

- Fire resistance for 90 minutes (approved Type 90) as per ISO 834 fire heating curve.
- Tested and approved by an independent European laboratory.
- Possibility to separate the dangerous products families.

PASSIVE SECURITY

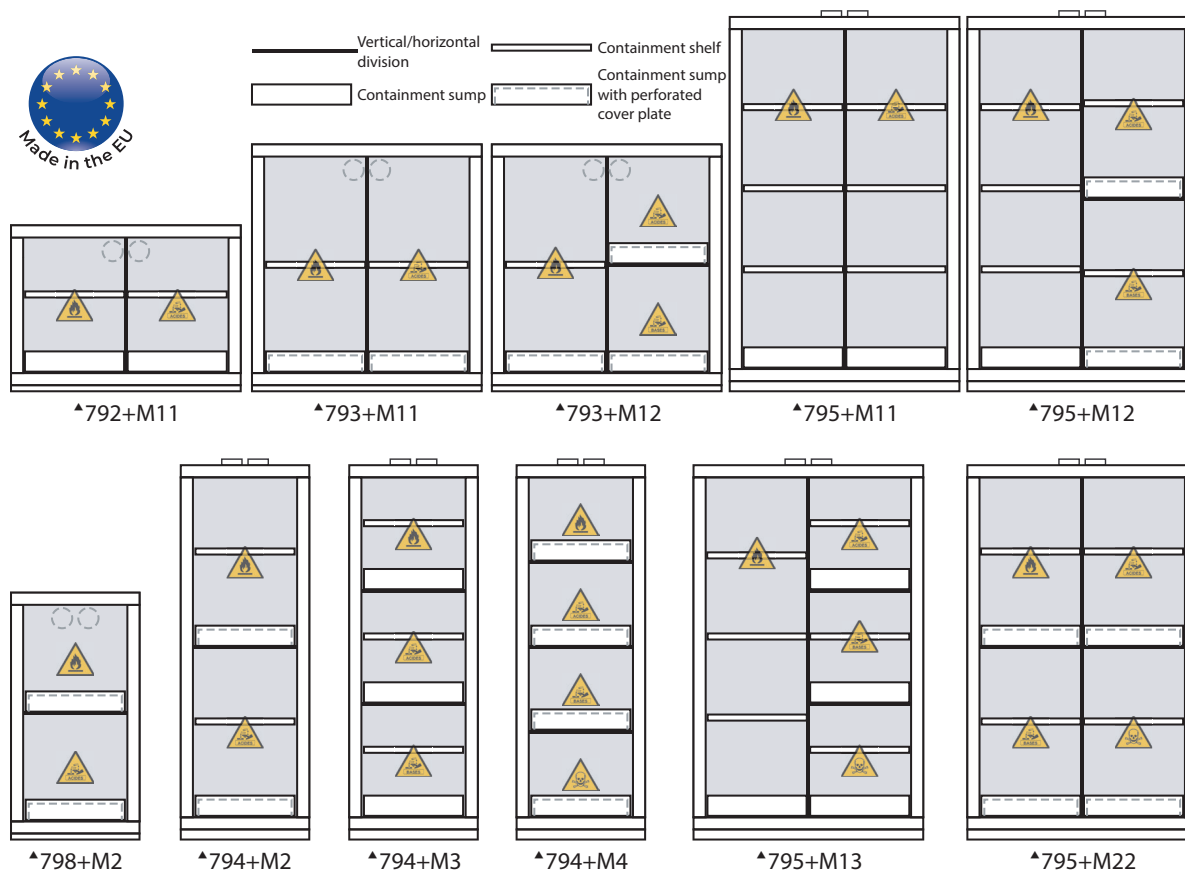
- Double wall construction :
 - Outer housing made of sheet steel (12/10th) with high quality Epoxy coating RAL 9010.
 - Inner body built in white (RAL 9010) melamine-based wood.
- Thermal insulation panel between the walls avoiding thermal bridges.
- Removable bottom containment sump.
- Safety labellings as per EN 14470-1.
- Adjustable containment shelves.
- Earthing link.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.
- Separately locking door(s) with cylinder locks.
- Self-closing door(s) with possibility to keep the door(s) open. If the temperature rises up to 47°C, a fuse link closes the door(s) automatically.

OPTIONS

- Doors with different color possibilities on 794+M and 795+M models (see documentation for Range 7.90) :
 - Frame and shelves in white (RAL 9010) ; doors in yellow (RAL1023)
- Code lock (1 per door)



CABINETS WITH EQUIPMENTS

P/N	Description	Compartment type and storage capacity (L) ⁽¹⁾				H x W x D (mm)	Delivered with			Maximum load by shelf ⁽²⁾ (kg)	Weight (kg)
							Containment shelf	Containment sump	Perforated cover plate		
792+M11	Under-bench cabinet, two doors, with 2 compartments	28	28	-	-	630 x 1137 x 570 ⁽¹⁾	2	2	option	30	221
793+M11	Working cover cabinet, two doors, 2 compartments	55	55	-	-	1100 x 1137 x 670 ⁽²⁾	2	2	2	30	311
793+M12	Working cover cabinet, two doors, 3 compartments	55	28	28	-	1100 x 1137 x 670 ⁽²⁾	1	3	3	30	317
798+M2	Working cover cabinet, one door, 2 compartments	28	28	-	-	1100 x 635 x 670 ⁽³⁾	-	2	2	30	194
794+M2	Tall cabinet, one door, with 2 compartments	55	55	-	-	1950 x 635 x 670 ⁽²⁾	2	2	2	30	304
794+M3	Tall cabinet, one door, with 3 compartments	30	30	30	-	1950 x 635 x 620 ⁽³⁾	3	3	option	30	307
794+M4	Tall cabinet, one door, with 4 compartments	22	22	22	22	1950 x 635 x 620 ⁽³⁾	-	4	4	30	320
795+M11	Tall cabinet, two doors, with 2 compartments	120	120	-	-	1950 x 1137 x 620 ⁽³⁾	6	2	option	30	477
795+M12	Tall cabinet, two doors, with 3 compartments	120	55	55	-	1950 x 1137 x 620 ⁽³⁾	5	3	2	30	486
795+M13	Tall cabinet, two doors, with 4 compartments	120	28	28	28	1950 x 1137 x 620 ⁽³⁾	6	4	option	30	489
795+M22	Tall cabinet, two doors, with 4 compartments	55	55	55	55	1950 x 1137 x 620 ⁽³⁾	4	4	4	30	497

⁽¹⁾ Compartments customization on request ⁽²⁾ Evenly distributed

ACCESSORIES

P/N	Description	Dimensions H x W x D (mm)	Weight (kg)
E1	Containment shelf for 1 door cabinet type 792+M11	30 x 490 x 285	
B1	Containment sump for 1 door cabinet type 792+M11	100 x 490 x 380	
C1	Perforated cover plate for 1 door cabinet type 792+M11	90 x 480 x 315	
E48	Containment shelf for 793+M1x, 798+M2, 794+Mx, 795+Mxx cabinets	30 x 490 x 410	3
B48	Containment sump for 793+M1x, 798+M2, 794+Mx, 795+Mxx cabinets	100 x 490 x 410	5
C48	Perforated cover plate for 793+M1x, 798+M2, 794+Mx, 795+Mxx cabinets	90 x 460 x 390	5
T48	Self retracting shelf for 793+M1x, 798+M2, 794+Mx, 795+Mxx cabinets	80 x 420 x 380	6
SE48	PVC containment shelf for E48 shelf for 793+M1x, 798+M2, 794+Mx, 795+Mxx cabinets	30 x 485 x 405	2
SB48	PVC containment sump for 793+M1x, 798+M2, 794+Mx, 795+Mxx cabinets	100 x 485 x 405	3

(1) Depth with connecting sleeve at the back. Depth without sleeve: 520 mm
 (2) Depth with the connection sleeve at the back. Depth without sleeve: 620 mm
 (3) Height with the connection sleeve above. Height without sleeve: 1900 mm

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

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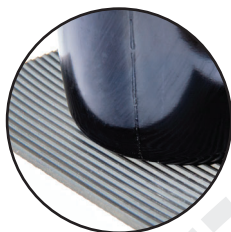
RANGE 790+B**EN 14470-1 EN 1363-1 FM 6050**

SAFETY CABINETS – EN 14470-1 & FM

105 MINUTES FOR THE STORAGE OF FLAMMABLE PRODUCTS ON BOARD TRANSPORTATION AND MARITIME MOTION



Wall fixation kit



Non-slipping mat



Ground fastenings



▲ 795+PJBE + C235

CONFORMITY

- Tested and approved according to EN 14470-1 (04/2004) and EN- 1363-1 (06/2000).
- Tested and approved 10 minutes according to FM 6050 (Factory Mutual International).
- Normalized labelling according to ISO 3864, ISO 7010, 92/58/CEE European directive and norm EN 14470-1 (04/2004).

ACTIVE SECURITY

- 105 minutes fire resistant as per ISO 834 fire heating curve
- Double wall construction :
 - Outer housing made of sheet steel 12/10th with high quality epoxy coating RAL 9010.
 - Inner body built in white RAL 9010 melamine.
 - Thermal insulation panel between the walls avoiding thermal bridges.
- Doors equipped with Thermo-expanding seals
- Adjustable containment shelves Étagères (in steps of 6,4 cm) and removable containment sump at the bottom.

- Normalized labelling.
- Earthing link.
- Doors equipped with self-closing system and key-locking.
- Door holding system in open position with thermo-regulated automatic closing at 50 ° C.
- Ventilation ducts with thermo-fuse system to isolate the contents of the cabinet in case of fire.
- Air duct with 100 mm diameter outlet for potential connection.
- Wall fixation kit to prevent maritime motion.
- Non-slipping mat to avoid possible sliding of recipients during maritime motion.
- 3 Ground fastenings by screwing.

OPTIONS

- Shelves reinforcement for evenly distributed allowable load up to 75 KG.



RANGE 790+B

EN 14470-1 EN 1363-1 FM 6050



▲ Option
Code lock SERCODE
(1 per door)



794+BE + C148▲



795+BE▲

CABINETS WITH EQUIPMENTS

Door's reference	Description	Type	Number of door(s)	Outside dimensions H x W x D (mm)	Storage capacity (L)	Delivered with		Maximum load by shelf (kg)	Weight (kg)	
						Containment shelf	Containment sump			
white	yellow									
791+BE	-	Cabinet equipped	under-table	1	630 x 635 x 570 ⁽¹⁾	30	1	1	30	127
792+BE	-	Cabinet equipped	under-table	2	630 x 1137 x 570 ⁽¹⁾	60	1	1	50	213
793+BE	-	Cabinet equipped	working cover	2	1100 x 1137 x 670 ⁽²⁾	115	2	1	50	297
798+BE	-	Cabinet equipped	working cover	1	1100 x 635 x 670 ⁽²⁾	65	2	1	30	182
794+BE	794+PJBE	Cabinet equipped	tall	1	1950 x 635 x 620 ⁽³⁾	130	3	1	30	287
795+BE	795+PJBE	Cabinet equipped	tall	2	1950 x 1137 x 620 ⁽³⁾	250	3	1	50	453
795+900BE	-	Cabinet equipped	tall	2	1950 x 905 x 620 ⁽³⁾	200	3	1	40	438

ACCESSORIES

P/N	Description	Outside dimensions H x W x D (mm)	Weight (kg)
E1	Containment shelf for 1 door cabinet type 791+B	30 x 490 x 285	3
E2	Containment shelf for 2 doors cabinet type 792+B	30 x 1000 x 285	6
E48	Containment shelf for 1 door cabinet - W: 635 - D: 670 mm	30 x 490 x 410	3
E35	Containment shelf for 2 doors cabinet - W: 1135 - D: 670 mm	30 x 1000 x 410	6
E235-900	Containment shelf for 2 doors cabinet - W: 900 - D: 670 mm	30 x 765 x 410	6
C1	Perforated cover plate for 1 door cabinet type 791+B	90 x 480 x 315	3
C2	Perforated cover plate for 2 doors cabinet type 792+B	90 x 990 x 315	6
C48	Perforated cover plate for 1 door cabinet - W: 635 - D: 670 mm	90 x 460 x 390	4
C35	Perforated cover plate for 2 doors cabinet - W: 1135 - D: 670 mm	90 x 990 x 400	8
C235-900	Perforated cover plate for 2 doors cabinet - W: 900 - D: 670 mm	90 x 755 x 400	8
T48	Self retracting shelf for 1 door cabinet - W: 635 mm - D: 670 mm	80 x 420 x 380	6
T35	Self retracting shelf for 2 doors cabinet - W: 1135 mm - D: 670 mm	80 x 930 x 380	12
T235-900	Self retracting shelf for 2 doors cabinet - W: 900 mm - D: 670 mm	80 x 695 x 380	12
SE48	PVC containment shelf for E79148 (for E79235 model, 2 pieces by level are required)	30 x 488 x 377	3
SB48	PVC Containment sump for 1 door cabinet in W: 670 mm. For 2 doors models in W: 1135, 2 pieces by level are required).	100 x 471 x 409	5
TP48	Sloping roof for cabinet 1 door cabinet	235 x 640 x 620	10
TP35	Sloping roof for cabinet 2 doors cabinet	235 x 1140 x 620	20
SERCODE	Code lock (1 per door)	-	-

(1) Depth with the connecting sleeve at the back. Depth without connecting sleeve : 520 mm
 (2) Depth with the connecting sleeve at the back. Depth without connecting sleeve : 620 mm
 (3) Height with the connecting sleeve at the back. Height without connecting sleeve : 1900 mm

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 11/2019

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

File cabinets Anti-fire equipments

Showers and first-aid equipments

RANGE 760+**EN 14470-1 EN 1363-1****EN 14470-1 SAFETY CABINETS TYPE 60 MIN FOR FLAMMABLES PRODUCTS**

Standardized labeling



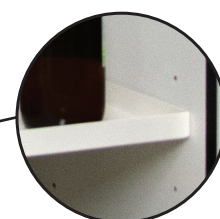
Key locking System



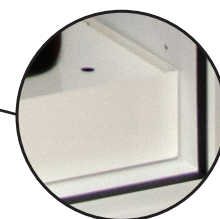
Moving by pallet truck (empty)



Self-closing door(s) with thermo-fuse



Containment shelf



Removable base Trough



▲ 765+E + C235

CERTIFICATION

- Tested and approved according to EN 14470-1 (04/2004) and EN 1363-1 (06/2000).
- Normalized labelling according to ISO 3864 and EN 14470-1 (04/2004) norms, and 92/58/CEE european directive.

ADVANTAGES

- Fire resistance for 60 minutes (approved Type 60) as per ISO 834 fire heating curve.
- Tested and approved by an independent European laboratory.
- Possibility to separate the dangerous products families.
- Handle all the way up the cabinet for better ergonomics and ease of opening
- Frame allowing easy movement by pallet truck: avoids heavy handling and allows easy movement of the cabinet in case of new development
- Attractive and easy-to-use skirting board without the need for a fixing tool
- Installation rollers included for 791+ and 792+ models

PASSIVE SECURITY

- Double wall construction :
 - Outer housing made of sheet steel (12/10th) with high quality Epoxy coating RAL 9010.
 - Inner body built in white (RAL 9010) melamine-based wood.
- Thermal insulation panel between the walls avoiding thermal bridges.
- Removable bottom containment sump.
- Safety labellings as per EN 14470-1.

- Adjustable containment shelves.
- Earthing link.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.
- Separately locking door(s) with cylinder locks.
- Self-closing door(s) with possibility to keep the door(s) open. If the temperature rises up to 47°C, a fuse link closes the door(s) automatically.

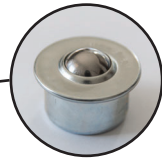
OPTIONS

- Additional shelf
- Grating for retention tank
- Drawer / sliding retention tray
- PVC surprotections
- Ventilation or filter casings
- Absorbent mats to be placed at the bottom of the holding tank (packets of 10 sheets)
- Doors with different color possibilities on 764 and 765 models (see documentation for Range 7.90) :
 - frame and shelves in white (RAL 9010); **doors in yellow (RAL1023)**
- Code lock (1 per door)

RANGE 760+ EN 14470-1 EN 1363-1



▲ 762+E



Installation rollers included for 761+ and 762+ models



▲ 763+E + C35

CABINETS WITH EQUIPMENTS

Door's reference	Description	Type	Number of door(s)	Outside dimensions H x W x D (mm)	Storage capacity (L)	Delivered with		Maximum load per shelf ⁽²⁾ (kg)	Weight (kg)	
						Containment shelf	Containment sump			
white	yellow									
761+E	-	Cabinet equipped	under-bench	1	630 x 635 x 570 ⁽¹⁾	30	1	1	30	127
761T	-	Cabinet equipped	under-bench	1	670 x 635 x 615 ⁽⁴⁾	30	-	1	30	155
762+E	-	Cabinet equipped	under-bench	2	630 x 1137 x 570 ⁽¹⁾	60	1	1	50	213
762T	-	Cabinet equipped	under-bench	1	670 x 1137 x 615 ⁽⁴⁾	60	-	1	50	240
763+E	-	Cabinet equipped	working cover	2	1100 x 1137 x 670 ⁽²⁾	115	2	1	50	297
768+E	-	Cabinet equipped	working cover	1	1100 x 635 x 670 ⁽²⁾	65	2	1	30	182
764+E	764+PJE	Cabinet equipped	tall	1	1950 x 635 x 620 ⁽³⁾	130	3	1	30	287
765+E	765+PJE	Cabinet equipped	tall	2	1950 x 1137 x 620 ⁽³⁾	250	3	1	50	453
765+900E	-	Cabinet equipped	tall	2	1950 x 905 x 620 ⁽³⁾	200	3	1	46	438

NON-EQUIPPED CABINETS

Reference	Description	Type	Number of door(s)	Outside dimensions H x W x D (mm)	Inside dimensions H x W x D (mm)	Weight (kg)
761+	Cabinet without equipment	under-bench	1	630 x 635 x 570 ⁽¹⁾	420 x 490 x 285	122
762+	Cabinet without equipment	under-bench	2	630 x 1137 x 570 ⁽¹⁾	420 x 1000 x 285	203
763+	Cabinet without equipment	working cover	2	1100 x 1137 x 670 ⁽²⁾	820 x 1000 x 410	277
768+	Cabinet without equipment	working cover	1	1100 x 635 x 670 ⁽²⁾	820 x 490 x 410	171
764+	Cabinet without equipment	tall	1	1950 x 635 x 620 ⁽³⁾	1620 x 490 x 410	277
765+	Cabinet without equipment	tall	2	1950 x 1137 x 620 ⁽³⁾	1620 x 1000 x 410	435
765+900	Cabinet without equipment	tall	2	1950 x 905 x 620 ⁽³⁾	1620 x 765 x 410	420

EQUIPMENTS AND ACCESSORIES

P/N	Description	Outside dimensions H x W x D (mm)	Weight (kg)
E1	Containment shelf for 1 door cabinet type 761+	30 x 490 x 285	3
E2	Containment shelf for 2 doors cabinet type 762+	30 x 1000 x 285	6
E48	Containment shelf for 1 door cabinet - W : 635 - D : 670 mm	30 x 490 x 410	3
E35	Containment shelf for 2 doors cabinet - W : 1135 - D : 670 mm	30 x 1000 x 410	6
E235-900	Containment shelf for 2 doors cabinet - W : 900 - D : 670 mm	30 x 765 x 410	6
B1	Containment sump for 1 door cabinet type 761+	100 x 490 x 285	3
B2	Containment sump for 2 doors cabinet type 762+	100 x 1000 x 285	6
B48	Containment sump for 1 door cabinet - W : 635 - D : 670 mm	100 x 490 x 410	5
B35	Containment sump for 2 doors cabinet - W : 1135 - D : 670 mm	100 x 1000 x 410	10
B235-900	Containment sump for 2 doors cabinet - W : 900 - D : 670 mm	100 x 765 x 410	10
C1	Perforated cover plate for 1 door cabinet type 761+	90 x 480 x 285	3
C2	Perforated cover plate for 2 doors cabinet type 762+	90 x 990 x 285	6
C48	Perforated cover plate for 1 door cabinet - W : 635 - D : 670 mm	90 x 460 x 390	4
C35	Perforated cover plate for 2 doors cabinet - W : 1135 - D : 670 mm	90 x 990 x 400	8
C235-900	Perforated cover plate for 2 doors cabinet - W : 900 - D : 670 mm	90 x 755 x 400	8
C1T	Perforated cover plate for 1 door drawer cabinet	80 x 430 x 390	8
C2T	Perforated cover plate for 1 door drawer cabinet	80 x 940 x 390	8
T48	Self retracting shelf for 1 door cabinet - W : 635 mm - D : 670 mm	80 x 420 x 380	6
T35	Self retracting shelf for 2 doors cabinet - W : 1135 mm - D : 670 mm	80 x 930 x 380	12
T235-900	Self retracting shelf for 2 doors cabinet - W : 900 mm - D : 670 mm	80 x 695 x 380	12
SE48	PVC containment shelf for E48 (for E35 model, 2 pieces by level are required)	30 x 488 x 377	3
SB48	PVC containment sump for 1 door cabinet in W : 670 mm. For 2 doors models in W : 1135, 2 pieces by level are required).	100 x 471 x 409	5
TP48	Sloping roof for cabinet 1 door cabinet	235 x 640 x 620	10
TP35	Sloping roof for cabinet 2 doors cabinet	235 x 1140 x 620	20

(1) Depth with connecting sleeve at the back. Depth without sleeve: 520 mm
(2) Depth with the connection sleeve at the back. Depth without sleeve: 620 mm

(3) Height with the connection sleeve above. Height without sleeve: 1900 mm
(4) Depth with the connection sleeve at the back. Depth without sleeve: 565 mm

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 06/2020

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

File cabinets Anti-fire equipments

Showers and first-aid equipments

RANGE 3030**EN 14470-1 FM 6050**

EN 14470-1 & FM⁽¹⁾ SAFETY CABINETS TYPE 30-MINUTES FOR FLAMMABLES



Standardized labeling

Self-closing doors with thermo-fuse

Adjustable shelf

Perforated cover plate for base trough (option)

Pedestal area under-driveable by a forklift

Adjustable leveling feet

*3035E + C35

FM
APPROVED
APPROVED
30
 min
APPROVED
 ACCORDING TO
 EN14470-1

CERTIFICATION

- Tested and approved Type 30 according to EN 14470-1 (04-2004) and EN 1363-1 (06-2000).
- ⁽¹⁾Tested and approved Type 10 minutes according to FM 6050 (Factory Mutual international).
- Normalized labelling according to ISO 3864 and EN 14470-1 (04-2004) norms, 92/58/CEE european directive and FM regulations.

ADVANTAGES

- 30-minutes fire resistance according to ISO 834 fire heating curve.
- Pedestal area under-driveable by a forklift by removing panel (except for the under-bench models).
- Self-closing doors with possibility to keep the door(s) open. If the temperature rises to 47°C, a fuse link closes the door(s) automatically.

PASSIVE SECURITY

- Built in melamine : overall good chemical resistance.
- Grey structure (RAL 7035), yellow edges (RAL 1023).
- Safety labelling as per EN 14470-1.
- Containment shelves adjustable in height (step every 32 mm).
- Removable bottom containment sump.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.
- Self-closing doors.
- Doors with a lockable three-point latching mechanism.
- Non-sparking locking system.
- Adjustable leveling feet for enhancing stability.

OPTIONS

- Additional containment shelf.
- Perforated cover plate for containment sump.
- Self retracting shelf.
- PVC containment shelf and containment sump.
- Easy connection with an exhaust system or a filtration box.
- Industrial absorbing mat (P/N: JF10D).

RANGE 3030**EN 14470-1 FM 6050**

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

File cabinets Anti-fire equipments

Showers and first-aid equipments

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 08/2019

CABINETS WITH EQUIPMENTS

P/N	Description	Outside dimensions H x W x D (mm)	Inside dimensions H x W x D (mm)	Storage capacity (L)	Delivered with			Maximum load by shelf ⁽¹⁾ (kg)	Weight (kg)
					Steel retention shelf	Steel containment sump	Steel perforated cover plate		
3031E	Under-bench equipped cabinet, one door	635x605x630	365x491x475	30	-	1	1	30	64
3032E	Under-bench equipped cabinet, two doors	635x1115x630	366x1001x475	60	-	1	1	50	108
3034E	Tall equipped cabinet, one door	1980x605x550	1580x495x420	130	3	1	option	30	117
3035E	Tall equipped cabinet, two doors	1980x1115x550	1580x1050x420	250	3	1	option	50	210
3033UE	Working cover equipped cabinet, one door	1198x1092x537	795x980x325	113	1	1	option	50	170
3035UE	Tall equipped cabinet, two doors	1731X1092X457	1330x980x325	170	2	1	option	50	210
3036UE	Tall equipped cabinet, two doors	1731X864X864	1330x750x730	228	2	1	option	50	210

⁽¹⁾ Evenly distributed

CABINETS ACCESSORIES

P/N	Description	Outside Dim. H x W x D (mm)	Storage Capacity (L)	Weight (kg)
E48	Containment shelf for 3034	30 x 490 x 410	6	3
E35	Containment shelf for 3035	30 x 990 x 410	12	6
E35U	Containment shelf for 3033U et 3035U	30 x 975 x 317	9	4,5
E6U	Containment shelf for pour 3036U	30 x 747 x 724	16	8
B148	Containment sump for 3031 - 3034	100 x 490 x 410	20	5
B235	Containment sump for 3032 - 3035	100 x 990 x 410	41	10
B35U	Containment sump for 3033U and 3035U	100 x 965 x 317	30	8
B6U	Containment sump for 3036U	100 x 737 x 724	53	14
C148	Perforated cover plate for 3031 - 3034	90 x 460 x 390	-	4
C235	Perforated cover plate for 3032 - 3035	90 x 980 x 400	-	8
C35U	Perforated cover plate for 3033U - 3035U	100 x 965 x 317	-	10
C6U	Perforated cover plate for 3036U	100 x 737 x 724	-	11
T148	Self retracting shelf for 3031- 3034	80 x 420 x 380	12	6
T235	Self retracting shelf for 3032 - 3035	80 x 930 x 380	28	12
SE148	PVC containment shelf for E703148; for E703235 model, 2 pieces by level required)	30 x 475 x 405	5	3
SB148	PVC Containment sump for 3031 - 3034; for 3032 - 3035, 2 pieces by level are required).	100 x 475 x 405	19	4

RANGE 3030.T**EN 14470-1 FM 6050**

EN 14470-1 & FM⁽¹⁾ SAFETY CABINETS

TYPE 30 MINUTES - For flammable products with ergonomic retention drawers



*3034T5



*3035T5

CONFORMITY

- Tested and certified type 30 minutes according to EN 14470-1 (04/2004) and EN 1363-1 (06/2000).
- Tested and certified 10 minutes according to FM 6050 (Factory Mutual international).
- Normalized labelling according to ISO 3864 and ISO 7010, NF X08.003, Directive 92/58 / EEC, EN 14470-1 (04-2004) and FM specifications.

ADVANTAGES

- 30-minutes fire resistance according to ISO 834 fire heating curve.
- Pedestal area under driveable by a lorklift by removing panel
- Self-closing cabinets, with predominant wings and doors in open position thanks to hot melt fuses starting at 47 °C.
- Many models available.
- Suitable for all types of chemicals commonly used in laboratory and industry.
- Separation by families of hazardous products in accordance with the Public Health Code and the recommendations of the I.N.R.S ..
- Self-closing retention drawers (1) in case of fire

PASSIVE SECURITY

- Construction in insulating panels offering a high chemical resistance to aggressive products.
- Light gray frame RAL 7035 with yellow plated fields RAL 1023.
- Signaling with standardized symbols.

ACTIVE SECURITY

- Ventilation air outlet and inlet Ø 100 mm for possible connection.
- Self-closing doors with predominant wings.
- Self-closing device of the doors in case of fire.
- 3-points lock.
- Anti spark lock closing.
- Adjustable leveling feet.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.

OPTIONS

- Additional drawers



Reference	Description	Type	Number of doors	External dimensions H x W x D (mm)	internal dimensions H x W x D (mm)	Weight (kg)
3034T4	Cabinet 1 door 4 drawers	High	1	1980 x 605 x 550	1580 x 495 x 420	141
3034T5	Cabinet 1 door 5 drawers	High	1	1980 x 605 x 550	1580 x 495 x 420	147
3034T6	Cabinet 1 door 6 drawers	High	1	1980 x 605 x 550	1580 x 495 x 420	153
3035T4	Cabinet 2 doors 4 drawers	High	2	1980 x 1115 x 550	1580 x 1050 x 420	258
3035T5	Cabinet 2 doors 5 drawers	High	2	1980 x 1115 x 550	1580 x 1050 x 420	270
3035T6	Cabinet 2 doors 6 drawers	High	2	1980 x 1115 x 550	1580 x 1050 x 420	287
T148	Additional drawer for 1 door cabinet ⁽¹⁾	High	-	80 x 420 x 380	-	6
T235	Additional drawer for 2 doors cabinet ⁽¹⁾	High	-	80 x 930 x 380	-	12

⁽¹⁾ To be ordered during manufacture. Maximum quantity per cabinet : 6

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

File cabinets Anti-fire equipments

Showers and first-aid equipments

RANGE 3030PV**EN 14470-1 FM 6050**

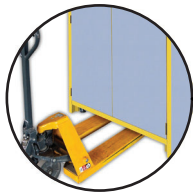
EN 14470-1 & FM SAFETY CABINETS TYPE 30-MINUTES with glass doors



Standardized labeling



Adjustable shelf



Pedestal area under-driveable by a forklift



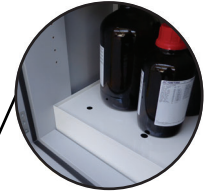
▲3035PVE



▲3034PVE



Self-closing doors with thermo-fuse



Perforated cover plate for base trough (option)



Adjustable leveling feet

**CERTIFICATION**

- Tested and approved Type 30-minutes according to EN 14470-1 (04-2004) and EN 1363-1 (06-2000).
- Tested and approved Type 10-minutes according to FM 6050 (Factory Mutual international) - Supplement certification in progress.
- Normalized labelling according to ISO 3864 and EN 14470-1 (04-2004) norms, 92/58/CEE european directive and FM regulations.

ADVANTAGES

- 30-minutes fire resistance according to ISO 834 fire heating curve.
- Pedestal area under-driveable by a forklift by removing panel (except for the under-bench models).
- Self-closing door(s) with possibility to keep the door(s) open. If the temperature rises to 47°C, a fuse link closes the door(s) automatically.
- Glass door(s) for easy sight of the stored products.

PASSIVE SECURITY

- Built in melamine: corrosion proof and overall good chemical resistance.
- Grey structure (RAL 7035), yellow edges (RAL 1023).
- Fireproof glass doors, thickness 17 mm.
- Safety labelling as per EN 14470-1 and FM 6050.

- Containment shelves adjustable in height (step every 32 mm).
- Removable bottom containment sump.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.
- Self-closing door(s).
- Door(s) with a lockable three-point latching mechanism.
- Non-sparking locking mechanism.
- Adjustable leveling feet for enhancing stability.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.

OPTIONS

- Additional retention shelf.
- Perforated cover plate for containment sump.
- Self retracting shelf.
- PVC containment shelf and containment sump.
- Easy connection with an exhausting system or a filtration box.



P/N	Description	External dimensions H x W x D (mm)	Storage capacity (L)	Delivered with		Maximum load by shelf ⁽²⁾ (kg)	Weight (kg)
				Steel retention shelf	Steel containment sump		
3034PVE	Tall equipped cabinet with one glass door	1980x605x550	130	3	1	30	170
3035PVE	Tall equipped cabinet with two glass doors	1980x1115x550	250	3	1	50	255
E48	Additional steel retention shelf for 3034PVE	30 x 490 x 410	-	-	-	-	3
E35	Additional steel retention shelf for 3035PVE	30 x 990 x 410	-	-	-	-	6
C148	Perforated cover plate for containment sump for 3034PVE	90 x 460 x 390	-	-	-	-	4
C235	Perforated cover plate for containment sump for 3035PVE	90 x 980 x 400	-	-	-	-	8
T148	Self retracting shelf for 3034PVE	80 x 420 x 380	-	-	-	-	6
T235	Self retracting shelf for 3035PVE	80 x 930 x 380	-	-	-	-	12
SE148	PVC containment shelf for 3034PVE for 3035PVE model, 2 pieces by level are required	30 x 475 x 405	-	-	-	-	3
SB148	PVC containment sump for 3034PVE for 3035PVE model, 2 pieces by level are required	100 x 475 x 405	-	-	-	-	4

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 07/2019

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

File cabinets Anti-fire equipments

Showers and first-aid equipments

RANGE 3030.M**EN 14470-1 FM 6050**

EN 14470-1 & FM⁽¹⁾ MULTIRISK CABINETS TYPE 30-MINUTES



Standardized labeling



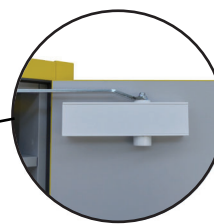
Adjustable shelf



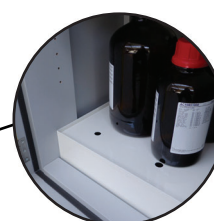
Pedestal area under-driveable by a forklift



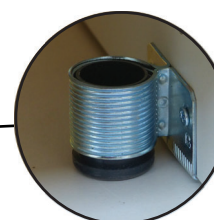
3035M13*



Self-closing doors with thermo-fuse



Perforated cover plate for base trough (option)



Adjustable leveling feet

CERTIFICATION

- Tested and approved Type 30-minutes according to EN 14470-1 (04-2004) and EN 1363-1 (06-2000).
- ⁽¹⁾Tested and approved Type 10 minutes according to FM 6050 (Factory Mutual international).
- Normalized labelling according to ISO 3864 and EN 14470-1 (04-2004) norms, 92/58/CEE european directive and FM regulations.

ADVANTAGES

- 30-minutes fire resistance according to ISO 834 fire heating curve.
- Pedestal area under-driveable by a forklift by removing panel (except for the under-bench models).
- Self-closing doors with possibility to keep the door(s) open. If the temperature rises to 47°C, a fuse link closes the door(s) automatically.
- Many models are available.
- Suitable for all types of chemicals commonly used in laboratories and industries.
- Possibility to separate the dangerous products families.

PASSIVE SECURITY

- Built in melamine: corrosion proof and overall good chemical resistance.

- Grey structure (RAL 7035), yellow edges (RAL 1023).
- Safety labelling as per EN 14470-1.
- Containment shelves adjustable in height (step every 32 mm).
- Removable bottom containment sump.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.
- Self-closing doors.
- Doors with a lockable three-point latching mechanism.
- Non-sparking locking system.
- Adjustable leveling feet for enhancing stability.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.

OPTIONS

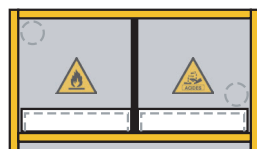
- Additional retention shelf (depending on model).
- Perforated cover plate for containment sump.
- Self retracting shelf.
- PVC containment shelf and containment sump.
- Easy connection with an exhaust system or a filtration box.
- Industrial absorbing mat (P/N: JF10D).

RANGE 3030.M

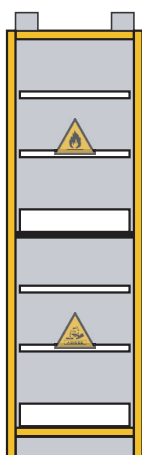
EN 14470-1 FM 6050



- Vertical/horizontal division
- Containment sump
- Containment shelf
- Containment sump with perforated cover plate



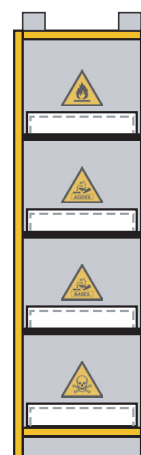
^3032M11



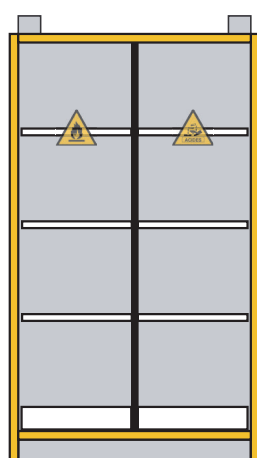
^3034M2



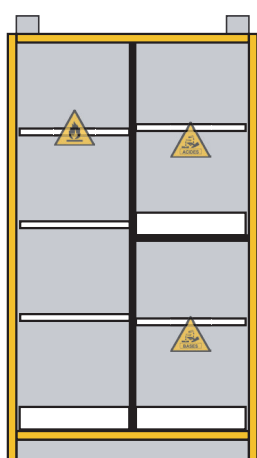
^3034M3



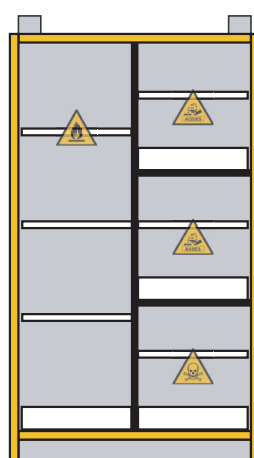
^3034M4



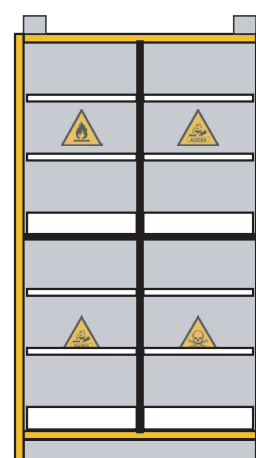
^3035M11



^3035M12



^3035M13



^3035M22

CABINET WITH EQUIPMENTS

P/N	Description	Compartment type and storage capacity (L) ⁽¹⁾				Outside dim. H x W x D (mm)	Delivered with			Maximum load by shelf ⁽²⁾ (kg)	Weight (kg)
							Steel retention shelf	Steel containment sump	Steel perforated cover plate		
3032M11	Under-bench cabinet, 2 doors, 2 compartments	28	28	-	-	635 x 1115 x 630	-	2	2	30	108
3034M2	Tall cabinet, 1 door, 2 compartments	55	55	-	-	1980 x 605 x 550	4	2	option	30	126
3034M3	Tall cabinet, 1 door, 3 compartments	30	30	30	-	1980 x 605 x 550	3	3	option	30	129
3034M4	Tall cabinet, 1 door, 4 compartments	22	22	22	22	1980 x 605 x 550	-	4	4	30	142
3035M11	Tall cabinet, 2 doors, 2 compartments	120	120	-	-	1980 x 1115 x 550	6	2	option	30	232
3035M12	Tall cabinet, 2 doors, 3 compartments	120	55	-	55	1980 x 1115 x 550	7	3	option	30	241
3035M13	Tall cabinet, 2 doors, 4 compartments	120	28	28	28	1980 x 1115 x 550	6	4	option	30	244
3035M22	Tall cabinet, 2 doors, 4 compartments	55	55	55	55	1980 x 1115 x 550	8	4	option	30	252

⁽¹⁾ Compartments customization on request

⁽²⁾ Evenly distributed

CABINET ACCESSORIES

P/N	Description	Outside dim. H x W x D (mm)	Weight (kg)
E48	Containment shelf in steel (except for 3032M11 model)	30 x 490 x 410	3
B148	Steel containment sump	100 x 490 x 410	5
C148	Perforated cover plate in steel	90 x 460 x 390	5
T148	Self retracting shelf in steel	80 x 420 x 380	6
SE148	PVC Containment shelf	30 x 485 x 405	2
SB148	PVC containment sump	100 x 485 x 405	3

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 09/2017

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

File cabinets Anti-fire equipments

Showers and first-aid equipments

RANGE 3030 & 7030 EN 14470-1 FM 6050



EN 14470-1 & FM⁽¹⁾ UNDER-BENCH SAFETY CABINETS TYPE 30-MINUTES

- For flammables
- For corrosives

- For toxics / noxious
- For mixed chemicals



3032E▲



3031E▲



7031T▲

CERTIFICATION

- Tested and approved Type 30 minutes according to EN 14470-1 (04-2004) and EN 1363-1 (06-2000).
- ⁽¹⁾Tested and approved Type 10-minutes according to FM 6050 (Factory Mutual international) (except for 7031T and 7032T models).
- Standardized labeling according to ISO 3864 and EN 14470-1 (04-2004) norms, 92/58/CEE european directive and FM regulations.

ADVANTAGES

- 30-minutes fire resistance as per ISO 834 fire heating curve.
- Suitable for all types of chemicals commonly used in laboratories and industries.
- Dual vents with built-in flame arresters.

PASSIVE SECURITY

- Built in melamine: corrosion proof and overall good chemical resistance.
- Grey structure (RAL 7035), yellow edges (RAL 1023).
- Safety labelling as per EN 14470-1.
- Removable bottom containment sump with perforated cover plate.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for whether natural ventilation or connection with forced ventilation/filtration system.
- Self-closing doors.
- Doors with a lockable three-point latching mechanism (one-point bullet self-latching system for drawer chest cabinets).
- Non-sparking locking system (except for drawer chest cabinets).
- Adjustable leveling feet for enhancing stability.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals of the door(s) allow keeping the internal body fireproof.

OPTIONS

- Self retracting shelf.
- PVC containment sump, **highly recommended for corrosives**.
- Easy connection with an exhaust system or a filtration box.
- Industrial absorbing mat (P/N: JF10D).



For safety reasons, refrain storing different chemical families in the same compartment.

RANGE 3030 & 7030

EN 14470-1 FM 6050



LIQUID WASTE RECOVERY SYSTEM for Models 3031 ARD and 3032 ARD only

- Safety hole on the roof of the cabinet for an easy going trough of exhaust pipe, including a thermo expanding system allowing the insulation of the contents of the cabinet from an external fire.

- This may result in modifications on fire resistance.

- Funnel with removable black HDPE grid allowing the recovery of soiled liquids

- Jerrycan in black HDPE, capacity 12 liters

- Electronic level sensor mounted on Velcro which can be fixed either on the jerrycan itself or on the inside wall of the cabinet

-Audible and visual alarm to be placed, for example, on the back of a bench

You can also refer to the Range 7.90 ARD for more information about the different elements of the kit (jerrycan, funnel, sensor ...).

Référence	3031E	3031ARD	7031T	3032E	3032ARD	7032T	3032M11
Door(s)	1		1	2		1	2
Door type	Swing door		Drawer	Swing doors		Drawer	Swing doors
Compartment	1		1	1		1	2
Dimensions H x W x D (mm)	Ext. : 635 x 605 x 630 Int. : 366 x 491 x 475		Ext. : 635 x 605 x 630 Int. : 366 x 491 x 475		Ext. : 635 x 1115 x 630 Int. : 366 x 1001 x 475		Ext. : 635 x 1115 x 630 Int. : (2x) 366 x 472 x 475
Storage capacity (L)	30		30	60		60	56 (2x 28)
For safety reasons, refrain storing different chemical families in the same compartment.							
Containment capacity (L)	17	20	20	35	41	41	34 (2x17)
Steel containment sump	1		1	1		1	2
Perforated cover plate in steel	1	-	-	1	-	-	2
Maximum load by shelf ⁽¹⁾ (kg)	30	-	30	50	-	50	30
Certification	EN 14470-1 FM 6050		EN 14470-1	EN 14470-1 FM 6050		EN 14470-1	EN 14470-1 FM 6050
Weight (kg)	64	60	64	108	100	108	108

P/N	T148	T235	SB148
Description	Self retracting shelves in steel	Self retracting shelves in steel	PVC Containment sump
For cabinet	3031E, 3032M11	3032E	3031E, 3032E ⁽²⁾ , 3032M11
Dimensions H x W x D (mm)	80 x 420 x 380	80 x 930 x 380	100 x 475 x 405
Containment capacity (L)	20	41	24
Weight (kg)	6	12	4



⁽¹⁾ Evenly distributed

⁽²⁾ 2 trays per level required for complete coverage

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

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Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

File cabinets Anti-fire equipments

Showers and first-aid equipments

RANGE 7630BG

EN 14470-2 EN 1363-1



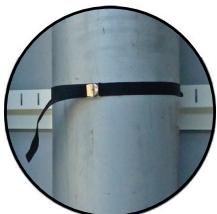
EN 14470-2 SAFETY CABINETS TYPE 30-MINUTES FOR GAS CYLINDERS



7635BG⁺
+ RH5BG
+ EG1



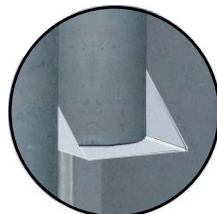
7634BG⁺
+ RH4BG



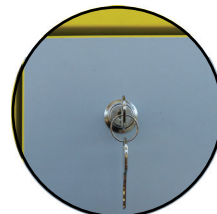
Mounting rails with tension belt
- P/N RH4BG / RH5BG (option)



Standardized labeling



Shelf for one small gas cylinder - P/N EG1 (option)



Key locking system



Vent with thermo-fuse

To protect the users health and to improve the life cycle of your safety cabinet, we recommend to install an exhaust system. Do not hesitate to contact-us for more information.



Cooling system

To increase the security of your cabinet and control the temperature inside, we propose you a cooling system. Ask-us for more information.



RANGE 7630BG

EN 14470-2 EN 1363-1



CERTIFICATION

- Tested and approved Type 30-minutes according to EN 14470-2 (04/2006) and EN 1363-1 (06/2000).
- Normalized labelling according to ISO 3864, and EN 14470-2 norms, and 92/58/CEE european directive.

ADVANTAGES

- 30-minutes fire resistance according to ISO 834 fire heating curve.
- Tested and approved with ISO 834 fire heating curve by an European laboratory.
- Pedestal area under-driveable by a forklift by removing panel.

PASSIVE SECURITY

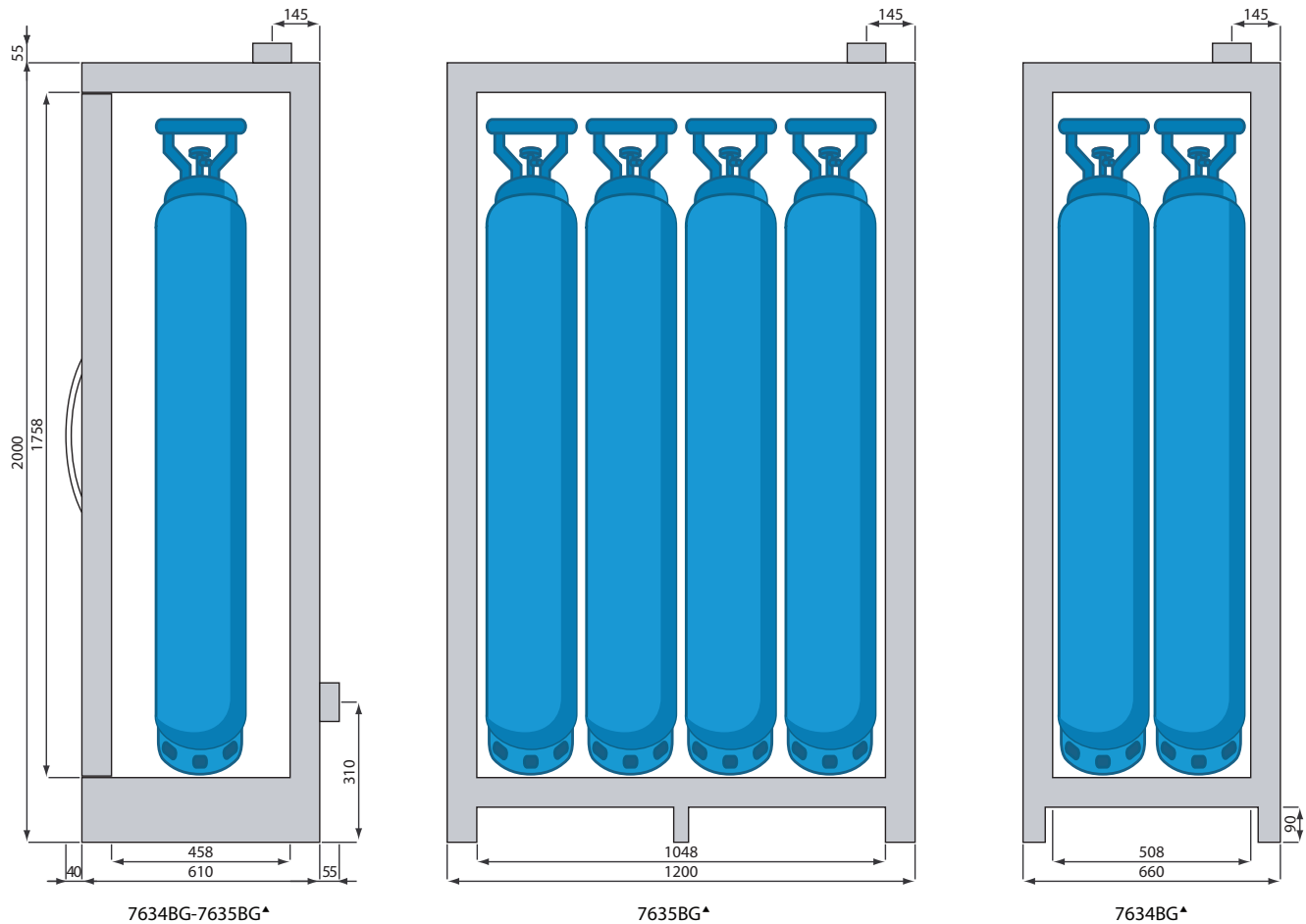
- Built in double wall melamine (thickness: 76mm) : overall good chemical resistance.

- Grey structure (RAL 7035), yellow edges (RAL 1023).
- Safety labelling as per EN 14470-2.

ACTIVE SECURITY

- Ø 100 mm air inlet and outlet ducts for either natural ventilation or connection with forced ventilation/filtration system.
- Thermo-expanding seals of the door allow keeping the internal body fireproof.
- In case of fire, a thermo-fuse automatically seals off the ventilation system.
- Adjustable leveling feet for enhancing stability.
- Locking door(s) with cylinder lock.

All models are delivered without interior equipment. They have, therefore, to be equipped with rails for supporting the gas cylinders, and access ramp...



P/N	Description	Outside Dim. H x W x D (mm)	Inside Dim. H x W x D (mm)	B50 cylinder storage capacity	Recommended equipment	Weight (kg)
7634BG	Tall cabinet 1 door	2055 x 660 x 665	1753 x 508 x 458	2	1	246
RH4BG	Horizontal rail for mounting 2 cylinders B50	-	-	-	1	2
7635BG	Tall cabinet 2 doors	2055 x 1200 x 665	1753 x 1048 x 458	4	1	447
RH5BG	Horizontal rail for mounting 4 cylinders B50	-	-	-	1	3
RABG	Galvanized steel ramp for 7634BG or 7635BG	38 x 450 x 398	-	-	1	10
EG1	Additional shelf for 1 gas cylinder type B2, B5, B10, B11, B15 or B20	245 x 245 x 245	-	-	-	3

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 08/2018

Flammable
cabinets

Corrosive
cabinets

Toxic cabinets
and multirisk

Pesticide
range

Fume hoods, filtering
cabinets - Ventilation

Containment
and Cans

File cabinets
Anti-fire equipments

Showers and first-
aid equipments