

# LABSCAPE

Fire Rated Safety Cabinets

## Time is of the essence in case of a fire – extend your evacuation time to save lives and protect investments.

Safety storage cabinets according to EN are perfect for remote locations without quick access to fire-fighting emergency services, for sites with high-occupancy and for high-value/high-asset settings such as:

- Universities and hospital complexes
- Laboratories and research facilities
- Malls, theme parks & sport arenas
- Water transport vessels and cruise ships
- Offshore drilling sites
- High-asset manufacturing plants

Safety Storage cabinets with a maximum fire resistance for environments with high risk.

All models are approved and certified according to EN 14470-1, EN 14727, GS & FM and meet the requirements of the NFPA Code 30, NFPA 1 Fire Code, OSHA.



- 1 Robust construction in a modern design**  
Triple hinged door and scratch-and impact resistant surface.
- 2 Wing doors** which stop in any position and are self-closing in the event of fire.
- 3 Different interior equipment** options available - makes it possible to choose for each individual application the suitable cabinet.
- 4 Protecting Seals** seals avoid the exposure of vapors and protect contents from ignition sources.
- 5 Advanced ventilation system** ensures complete, uniform ventilation of the cabinet interior.
- 6 Secure cylinder lock** with a locking state indicator prevents unauthorized use.
- 7 Integrated transport base** for an easy transport of the cabinet.
- 8 Adjustable leveling feet** for stability on uneven surfaces.

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## Fire Rated Safety Cabinets



Model No.	Q90.195.120	Q90.195.090	Q90.195.060
Capacity	75 gal. (284 L)	50 gal. (189 L)	25 gal. (95 L)
Exterior Dimensions W X D X H	46.97 x 24.21 x 76.89 in (1193 x 615 x 1953 mm)	35.16 x 24.21 x 76.89 in (893 x 615 x 1953 mm)	23.58 x 24.21 x 76.89 in (599 x 615 x 1953 mm)
Interior Dimensions W X D X H	41.34 x 20.55 x 64.84 in (1050 x 522 x 1647 mm)	29.53 x 20.55 x 64.84 in (750 x 522 x 1647 mm)	17.72 x 20.55 x 64.84 in (450 x 522 x 1647 mm)
Standard Interior Equip- ment	3 shelves 1 leak-proof sump 1 perforated insert	3 shelves 1 leak-proof sump 1 perforated insert	3 shelves 1 leak-proof sump 1 perforated insert
Empty Weight	935 lbs (424 kg)	756 lbs (343 kg)	584 lbs (265 kg)



Model No.	Q30.195.116	Q30.195.086.WD	Q30.195.056
Capacity	75 gal. (284 L)	50 gal. (189 L)	25 gal. (95 L)
Exterior Dimensions W X D X H	45.83 x 24.41 x 76.65 in (1164 x 620 x 1947 mm)	34.02 x 24.41 x 76.65 in (864 x 620 x 1947 mm)	22.20 x 24.41 x 76.65 in (564 x 620 x 1947 mm)
Interior Dimensions W X D X H	41.34 x 20.43 x 64.02 in (1050 x 519 x 1626 mm)	29.53 x 20.43 x 64.02 in (750 x 519 x 1626 mm)	17.72 x 20.43 x 64.02 in (450 x 519 x 1626 mm)
Standard Interior Equip- ment	3 shelves 1 leak-proof sump 1 perforated insert	3 shelves 1 leak-proof sump 1 perforated insert	3 shelves 1 leak-proof sump 1 perforated insert
Empty Weight	529 lbs (240 kg)	430 lbs (195 kg)	322 lbs (146 kg)

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## Fire Rated Safety Cabinets

### Q-SR-90 ShockResistant 120 cm

Safety storage cabinets for unrestricted storage of flammable hazardous materials in work areas in accordance with EN 14470-1



#### Features of this model



One hand operation  
·One-hand operation for double-door cabinets



Earthquake approved locking system  
·Doors are tightly locked after each closing operation. For opening, the doors must always be unlocked via the profile cylinder  
·Locking status indicator (red/green) signals the locking status of the cabinet



Earthquake approved fixing system  
·Integrated system for fixing the cabinet to the floor. The cabinet base features two inside installed securing angles including installation material and drill template

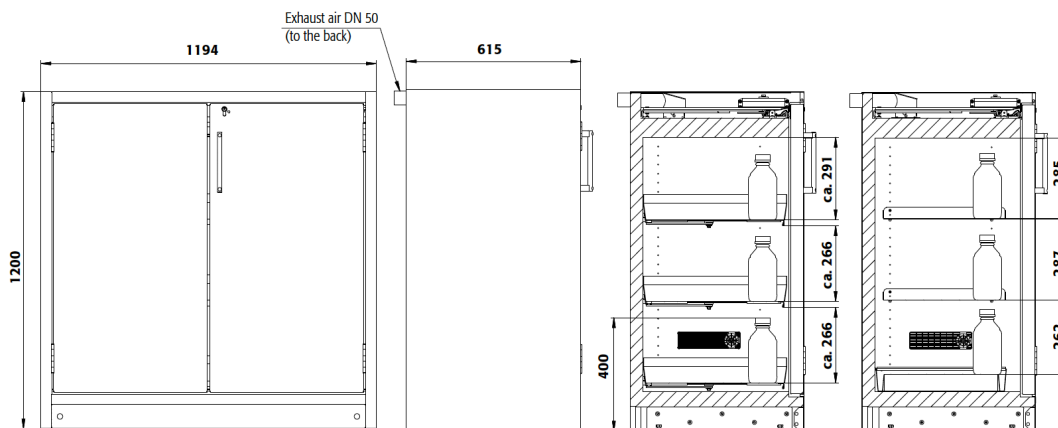
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## Fire Rated Safety Cabinets

### Q-SR-90 ShockResistant 120 cm



<b>Model No.</b>	<b>Q90.120.120.SR</b>
Exterior Dimensions W X D X H	1194 x 615 x 1200 mm
Interior Dimensions W X D X H	1050 x 522 x 894 mm
Weight without interior equipment	280 kg
Air change 10 times	5 m <sup>3</sup> /h
Diff. pressure (air change 10 times)	5 Pa
Maximum load	600 kg
Distributed load	456 kg/m <sup>2</sup>
Entry height transport base for hand pallet truck	90 mm
Entry width transport base for hand pallet truck	1040 mm



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## Fire Rated Safety Cabinets

### V-Line

V-LINE safety storage cabinets have been developed and designed according to consistent objectives:

- »» Direct access to all stored containers.
- »» Maximum safety in the storage of hazardous materials.
- »» Perfect integration into existing work flows.
- »» Ideal use of existing space.
- »» Highest comfort in use

The right cabinet for every application purpose.

The V-LINE cabinets are available with one or two vertical drawers, in laboratory or industrial designs and with various interior equipment to choose from. Depending on the desired storage volume there is a choice of two cabinets with different widths.

The 45 cm-wide V-LINE cabinet is equipped with one vertical drawer. The 81 cm-wide model is equipped with two vertical drawers that accept double the quantity of hazardous materials. The height of the storage levels inside the drawer can be adjusted individually.

#### Innovative technology

The name V-LINE originates from the innovative vertical drawer technology. The vertical drawers are controlled by an electric motor, which enables them to operate easily. The double-sided access offers to overlook and reach stored containers conveniently at any time.

#### Electronic opening and closing

The vertical drawers of the V-LINE cabinets are easy to open and close at the push of a button, without additional physical efforts. The drawers glide softly and quietly out of and into the cabinet body, driven by the electric motor.

#### Optimum integration and use of space

Since fume hoods and benches are normally deeper than safety storage cabinets, the space behind the cabinets has remained unused until now. The common practice is to install safety storage cabinets with their fronts flush with those of laboratory fume cupboards or work benches. With a depth of 86 cm, V-LINE cabinets now use the space that conventional hazardous material cabinets have left unused so far.

Maximum safety while storing hazardous materials was an ambition for the asecos developers. Various requirements would have to be fulfilled by the new V-LINE cabinets: Type-tested fire resistance of 90 minutes, automatic drawer closing when the cabinet is not used actively and electronic vertical drawers with an intelligent stop function in order to prevent being trapped. Due to the standard automatic closing system, the vertical drawers of the V-LINE are always safely closed. When not in use the drawers close automatically after approx. 60 seconds. In the event of fire an electronic temperature sensor triggers the closing of the vertical drawers.

Even in the case of a power breakdown, a battery buffer ensures that the drawers close safely and automatically at any time. Furthermore, the standard stop function of the electronic vertical drawers detects resistances and reacts immediately. Whenever the drawer is being blocked by an object while opening it will stop and provide an acoustic signal. An acoustic signal is similarly emitted if the vertical drawer is blocked while closing. In this case the drawer stops immediately and opens again slightly. The risk of being trapped is eliminated.



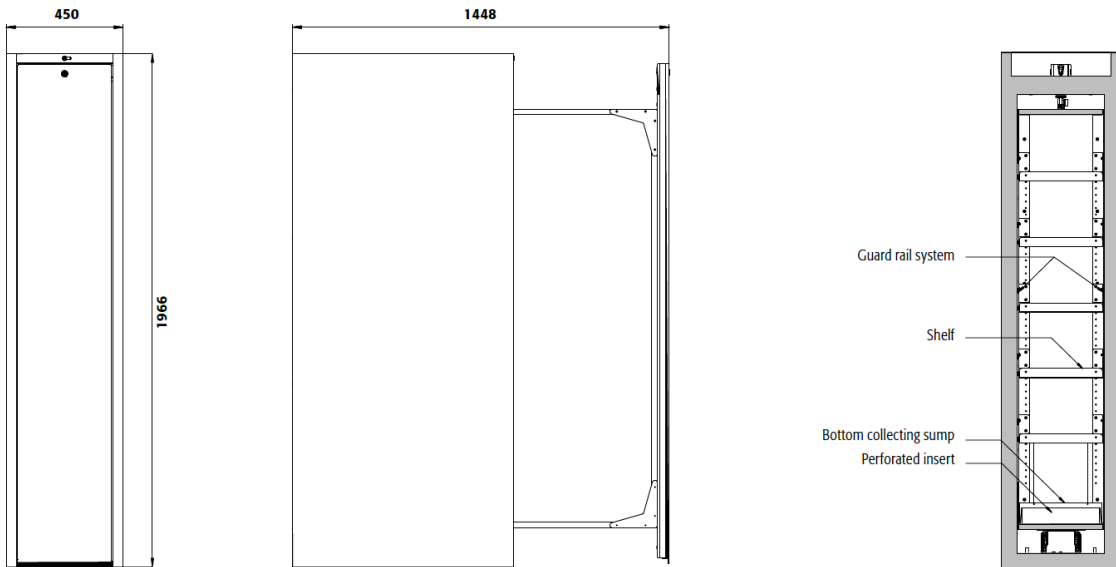
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## Fire Rated Safety Cabinets

### V-MOVE-90 45 cm



<b>Model No.</b>	<b>V90.196.045.VDAC</b>
Exterior Dimensions W X D X H	450 x 863 x 1966 mm
Interior Dimensions W X D X H	331 x 773 x 1750 mm
Weight without interior equipment	344 kg
Air change 10 times	4 m <sup>3</sup> /h
Diff. pressure (air change 10 times)	< 5 Pa
Maximum load vertical drawer	140 kg
Distributed load	583 kg/m <sup>2</sup>



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## Fire Rated Safety Cabinets

### V-MOVE-90 81 cm



<b>Model No.</b>	<b>V90.196.081.VDAC</b>
Exterior Dimensions W X D X H	819 x 863 x 1966 mm
Interior Dimensions W X D X H	701 x 773 x 1750 mm
Weight without interior equipment	500 kg
Air change 10 times	9 m <sup>3</sup> /h
Diff. pressure (air change 10 times)	< 5 Pa
Maximum load vertical drawer	140 kg
Distributed load	516 kg/m <sup>2</sup>

