

asecos[®]



The **future** of
hazardous materials storage

— **V-LINE MULTIRISK**

The future of hazardous materials storage

The new MULTIRISK cabinet from asecos for the safe, flexible and energetically sustainable storage of various hazardous materials in just one cabinet, offering for the first time, the possibility of fire-protected storage of aggressive and toxic substances.

In everyday laboratory work, a large number of different hazardous substances are often required directly at the workplace. Up to now, different safety cabinets had to be purchased depending on the properties of the hazardous substances in use (flammable, corrosive, toxic, etc.).

This results in three safety storage cabinets that are often only partially filled. This is not only space-consuming and inefficient, but also expensive to purchase and to operate!

With the new type 90-tested V-CLASSIC-90 multirisk cabinet from asecos, space-saving storage of flammable liquids, acids and alkalis and poisons is now possible directly at the respective workplace with maximum fire protection. A completely new cabinet design and an integrated, efficient ventilation system make this possible.

Your advantages:

- ▶ You save valuable laboratory space
- ▶ You reduce the permanent operating costs for technical ventilation
- ▶ You save time and personnel costs through shorter distances



Save €404.45
per year* with the
V-LINE MULTIRISK
cabinet.

*You can find more information
at www.asecos.com

Safety taken a step further

For the protection of employees, the development of hazardous vapours and explosive atmospheres must be avoided by permanently (24/7) connecting safety storage cabinets to a technical ventilation system. However, this measure is always associated with high energy consumption and corresponding costs.

The 3 in 1 safety storage cabinet

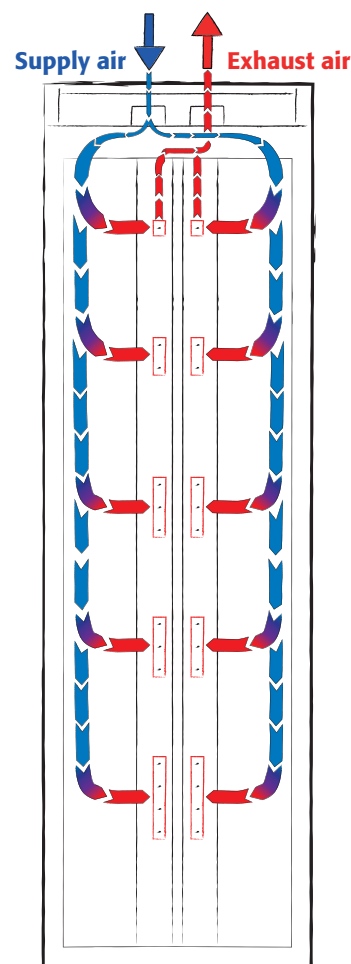
The new MULTIRISK cabinet can replace three conventional safety storage cabinets, saves space in the laboratory and significantly reduces the amount of technical exhaust air required for the safe storage of hazardous materials.

High comfort with safety

The two vertical pull-out drawers provide an optimal overview of the stored hazardous materials. Thanks to specially designed drawer rails, they can be operated smoothly even when fully loaded. Both vertical drawers can even be opened at the same time. The integrated soft-close feature further supports the manual closing process. For the necessary safety in case of fire, open vertical drawers are closed automatically.

Safe and sustainable

The ventilation concept of the MULTIRISK cabinet exceeds the requirements of EN 14470-1. The integrated exhaust air duct on both vertical pull-outs ensures safe and uniform extraction at every storage level. In this way, the MULTIRISK cabinet offers optimum protection against hazardous vapours and explosive atmospheres. In addition, a wide variety of hazardous substances can be distributed completely flexibly in both vertical drawers and on all storage levels. The permanent air exchange rate of the cabinet can be monitored with the optionally available safety assistance system (factory installation). The monitoring system is preset ex works to the minimum required exhaust air volume. If the exhaust air volume is too low, this is signalled via a red LED display. The on-site exhaust air system can thus be optimally adjusted to the required exhaust air volume. Furthermore, the system monitors that the vertical drawers are properly closed after use, since only closed cabinets offer permanent technical ventilation of the interior and ensure the best possible fire protection. This way, the permanent safe and energy-efficient operation of the technical ventilation can be monitored centrally, even for many cabinets at one location, and leads to long-term cost savings.



V-LINE | V-CLASSIC-90

Fire resistant safety storage cabinets for the unrestricted storage of a variety of hazardous materials in work areas

1

The V-LINE MULTIRISK offers for the first time the possibility of fire-protected storage of aggressive and toxic substances. The type 90 safety cabinet thus not only ensures the safe storage of different hazardous substances, but also provides maximum protection for users and rescue forces in the event of fire.



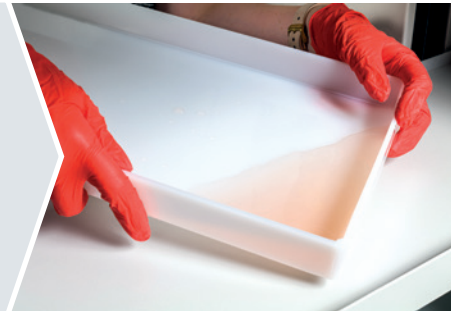
2

Thanks to the well thought-out ventilation concept and the fire-protected as well as corrosion-resistant construction of the two storage compartments, they can be used equally. You are completely free to decide which types of hazardous substances are to be stored in the V-LINE MULTIRISK.



3

The materials used in the cabinet interior, combined with the technical ventilation, provides the robust foundation for a long service life. Each storage level is equipped with a tray shelf made of chemical-resistant PE e.g. for cleaning or in the event of a leak.



4

Space-saving storage solution with high storage volume is optimally suited for installation next to fume cupboards.



5

The optionally available storage box can be conveniently opened via a sliding mechanism, can be connected separately and is thus ideally suited for toxic substances to be kept under lock and key.



6

Hazardous material vapours are captured at each storage level within the cabinet and can be extracted directly via the integrated air ducts ready for connection (DN 75) to a technical exhaust system. The formation of explosive atmospheres or harmful vapours is safely prevented.



7

Optionally available safety assistance system (factory installation) for monitoring the minimum required exhaust air volume and closed vertical pull-outs – for permanently safe and energy-efficient operation of the technical ventilation system.





- **Fire resistance of 90 minutes** (type 90), type-tested in accordance with EN 14470-1



- **GS-tested** (in accordance with ProdSG §21 Section 1 based on ZLS EK5/AK4)



- Conformity according to **EN 16121** and **EN 16122**
Requirements and test methods for safety, strength, durability and stability



- **Excellent products with special manufacturer warranty**
- Extended **manufacturer warranty of up to 10 years** in combination with an asecos service tariff



Do you have any questions or need further information?

Our experts will gladly provide you with advice.
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