Fire resistant drum cabinets

Storage of drums and bulky containers

In daily use the fire resistant drum cabinets guarantee optimum and safe storage and supply of flammables at the workplace.

90 minutes fire resistant drum cabinets for the storage of flammable liquids in 200 ltr. drums directly at the workplace

Operation
- Smooth and reliable closing of the doors
- High-quality slide bar door closer, optimal use of interior height, no door closer arm within the storage area
- Lifting height for the positioning of drums into the cabinet
  Model VBF.221.108 = 460 mm
  Model VBF.221.153 = 360 mm

Wing doors
- 100° opening, easy operation with a drum lifter or forklift truck

Your safety in the event of fire!
- Door open arrest system with an integrated thermal release system (fusible link), automatic closing of the doors

Earthing link (standard)
- Earthing inside at the rear panel
- Earthing link outside at the rear panel

Bottom collecting sump (standard)
- Removable
- Galvanised with grid
- Retention volume 220 ltr.

Plinth (optional)
- Easy indoor transportation
- Steel profiles (100 x 100 mm) mounted underneath the cabinet with 100 mm ground clearance

Drum cabinet with rack system
Rack system consisting of:
- Completely installed rack incl. 3 shelves as storage levels
- Bottom collecting sump, galvanised steel (V=100 ltr.)

Shelf (optional)
- For small containers
- Load capacity (evenly distributed load): 75 kg

Bottom collecting sump
Sturdy, galvanized bottom collecting sump with galvanized grid. Safe and approved storage of 200 ltr. drums.

Base
Optionally the drum cabinets can be equipped with steel profiles. Safe transport with a forklift truck.

Type tested according to EN 14470-1 (Type 90).
Safety Storage Cabinets

Fire resistant drum cabinets - Overview

Model VBF.221.108 with additional plinth (page 68)

Model VBF.221.108 with additional shelf (page 68)

Model VBF.221.108 with additional plinth (page 68)

Model VBF.221.153 with additional shelf and plinth (page 69)

Model VBF.221.153 with rack system and two drum mounts (page 69)
Fire resistant drum cabinets

VBF.221.108

Safety Storage Cabinet
90 minutes fire resistance in accordance with EN 14470-1
(90 minutes fire rated - Type 90)
GS and CE conformity
Labelling in accordance with EN 14470-1

Technical data at a glance:

Cabinet
Dimensions W x D x H (mm):
- exterior approx. 1105 x 1015 x 2225
  (height with base approx. 2325 mm)
- interior approx. 935 x 850 x 2030
Useable interior height: approx. 1520 mm
Lifting height for the positioning of drums into the cabinet: approx. 460 mm
Weight: approx. 854 kg

Shelf
Load capacity (evenly distributed load): approx. 75 kg
Dimensions W x D x H (mm):
approx. 920 x 490 x 25

Bottom collecting sump
Capacity: approx. 220 ltr.

Ventilation
Extraction air connection ø mm: 75
Change of air (10 times) m³/h: 12
Pressure drop Pa: 15

Type 90 drum cabinets

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<th>Model</th>
<th>Material, colour</th>
<th>recommended quantity</th>
<th>Order Code</th>
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VBF.221.153
Safety Storage Cabinet
90 minutes fire resistance in accordance with EN 14470-1
(90 minutes fire rated - Type 90)
GS and CE conformity
Labelling in accordance with EN 14470-1

Technical data at a glance:

Cabinet
Dimensions W x D x H (mm):
- exterior approx. 1555 x 1015 x 2225 (height with base approx.: ca. 2325 mm)
- interior approx. 1385 x 850 x 2030
  - Useable interior height: approx. 1620 mm
  - Lifting height for the positioning of drums into the cabinet: approx. 360 mm
  - Weight: approx. 1148 kg

Shelf
- Load capacity (evenly distributed load): approx. 75 kg
- Dimensions W x D x H (mm): approx. 1340 x 490 x 25

Bottom collecting sump
Capacity: approx. 220 ltr.

Rack system
- Rack dimensions W x D x H (mm): approx. 1355 x 600 x 1820
- Total load capacity of the rack: approx. 1300 kg
- Load capacity (evenly distributed load) per shelf: approx. 200 kg
- Bottom collecting sump, galvanised steel (V=100 ltr.)

Ventilation

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<td>Change of air (10 times)</td>
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<td>Pressure drop</td>
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Type 90 drum cabinets

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<th>recommended quantity</th>
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Model VBF.221.153 with additional shelf and base

Model VBF.221.153 with rack system and two drum mounts

Ventilation diagram:

Extraction air connection ø 75 mm
Change of air (10 times) 19 m³/h
Pressure drop 15 Pa

Earthing link

Top view