



Storage cabinet, flammable liquids, FWF 90, DIN12925 part 1



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- Independently tested and certified to have a fire resistance in excess of 90 minutes when exposed to a fire chamber test with temperatures in excess of 750°C to ISO 834
- Fire Behaviour Certification for Buildings Insurance
- 75mm extraction port for ventilation, to eliminate the build up of harmful or flammable fumes and vapours in the laboratory
- Rugged double skinned construction from 16 gauge electrostatically zinc galvanised steel
- 80mm thick calcium silicate cavity wall insulation for thermal protection of the contents
- Self-closing doors to prevent accidental exposure to a fire
- Self-closing fire protection valves for air inlet and outlet openings
- Expanding flame barrier seals on all door edges to isolate the contents from fire and rising temperatures
- Lockable for protection against unauthorised access
- Adjustable individually dished shelving for all size containers
- Catchment sump with perforated shelf for additional storage capacity
- Finished in light blue/grey epoxy resin powder coating with safety label markings
- Allows up to 200L of flammable materials to be stored in a workplace

In the British Standard BS 3202 : Part 1 : 1990 'Laboratory Furniture' it states: 'Segregated ventilated storage should be provided for chemicals which emit toxic or corrosive fumes and which cannot be stored with other chemicals in the laboratory. It is further recommended that the container be insulated to give even greater protection to the materials stored.' If laboratories are storing flammable solvents in glass bottles, these bottles need thermal insulation for protection from a fire as the heat energy would travel through a simple metal cabinet and the bottles suffer thermal shock.

Design and supply of special extraction components are available upon request.

Catalogue No	Alt. No	Description
SAT-465-070K	3.529.006	Double door, underbench cabinet

Anti-static wires

04



Ignition of flammable vapours due to static electricity discharge sparks is one of the most common causes of flammable liquid fires. The correct anti-static procedure is:

- Connect the container being emptied to a proven earth;
- Connect the container/item being filled to A) above;
- Commence pouring.

Catalogue No	Description
SAT-494-030H	Anti-static wire, length 914mm, comes with clamp and hand clamp
SAT-494-050B	Anti-static wire, length 3,048mm, flexible comes with hand clamp and 6.35mm terminal
SAT-494-070S	Anti-static wire, length 3,048mm, insulated, comes with hand clamp and 6.35mm terminal
SAT-494-090M	Anti-static wire, length 914mm, comes with dual alligator clips 9.5mm jaws

Storage cabinets, acid and base

04



NEW

Made from solid polypropylene, making these cabinets resistant to extremely aggressive chemicals. Liquid tight pull out drawers contain any spillages. Maximum load capacity of 30kg per drawer.

Technical Specification

Electrical supply 240V 50Hz (where a fan is fitted)



Catalogue No	Alt. No	Description	Dimensions [w x d x h], mm	Mass, kg
SAT-463-040Y	377-003	Acid and base cabinet, 2 left hinged doors, 4 drawers	600 x 1,920 x 520	110
SAT-463-050F	377-004	Acid and base cabinet, 2 right hinged doors, 4 drawers	600 x 1,920 x 520	110
SAT-463-060C	377-005	Acid and base cabinet, 1 left hinged door, 2 drawers	600 x 720 x 520	40
SAT-463-070W	377-006	Acid and base underbench cabinet, 1 right hinged door, 2 drawers	600 x 720 x 520	40
SAT-463-090Q	377-008	Acid and base underbench cabinet, 2 doors, 4 drawers	600 x 720 x 520	80
SAT-463-110N	377-009	Acid and base underbench cabinet, 2 doors, 4 drawers	1,100 x 720 x 520	85
SAT-463-130H	377-011	Acid and base underbench cabinet, 2 doors, 4 drawers	1,200 x 720 x 520	88
SAT-463-140E	377-012	Acid and base underbench cabinet, 2 doors, 4 drawers	1,400 x 720 x 520	94
SAT-463-020X	377-017	Acid and base cabinet, 2 left hinged doors, 4 drawers and ventilation fan	600 x 1,920 x 520	116
SAT-463-030L	377-018	Acid and base cabinet, 2 right hinged doors, 4 drawers and ventilation fan	600 x 1,920 x 520	116
SAT-463-080T	377-020	Acid and base underbench cabinet, 2 doors, 3 drawers and ventilation fan	900 x 720 x 520	80
SAT-463-120K	377-021	Acid and base underbench cabinet, 2 doors, 3 drawers and ventilation fan	1,200 x 720 x 520	88