Chemical Safety Cabinet 15-340 L, Double-Wall Fire-Resistant Steel, 38 mm Insulation, 3 Colours

Model **MSSSC-W4SWISS,MSSSC-W12SWISS,MSSSC-W22SWISS,MSSSC-W30SWISS,MSSSC-W45SWISS,MSSSC-W60SWISS,MSSSC-W90SWISS** | Brand **Master Science**








The Master Science Chemical Safety Cabinet gives hazardous liquids a dedicated, lockable home away from open shelves. Its double-walled steel body holds a 38 mm insulation layer, which slows heat transfer to the contents if a fire breaks out nearby.

KEY HIGHLIGHTS

- Fire-resistant storage
- Spills stay inside
- Clear hazard coding
- Secure access

AT A GLANCE

120 kg
SHELF LOAD CAPACITY

Request a Quotation
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Overview

Seven sizes cover 4 to 90 gallons (15 to 340 L), from a benchtop unit to a full-height double-door cabinet. Each comes in yellow, red or blue, so stored hazards can be told apart at a glance. A 50 mm sump at the bottom contains drips and small spills, and twin vents fitted with flame arresters allow controlled ventilation.

For handling the chemicals you store, pair the Master Science Chemical Safety Cabinet with our laboratory fume hood with carbon filter.

Chemicals kept on open shelves are a fire and spill risk. The Master Science Chemical Safety Cabinet helps with:

Key Benefits

Fire-resistant storage
The Master Science Chemical Safety Cabinet uses double-walled steel with 38 mm insulation to protect contents from external heat.

Spills stay inside
A 50 mm sump holds leaks before they reach the floor.

Clear hazard coding
Yellow, red and blue versions help separate chemical classes.

Secure access
A three-point double lock keeps the doors firmly closed.

Technical Specifications

GENERAL	
General	Construction details and size range of the Master Science Chemical Safety Cabinet:
Brand	Master Science
Model Number	MSSSC-W4SWISS,MSSSC-W12SWISS,MSSSC-W22SWISS,MSSSC-W30SWISS,MSSSC-W45SWISS,MSSSC-W60SWISS,MSSSC-W90SWISS
SKU	MSSSC-W4SWISS,MSSSC-W12SWISS,MSSSC-W22SWISS,MSSSC-W30SWISS,MSSSC-W45SWISS,MSSSC-W60SWISS,MSSSC-W90SWISS
Brand	Master Science
Model	MSSSC-W4SWISS, MSSSC-W12SWISS, MSSSC-W22SWISS, MSSSC-W30SWISS, MSSSC-W45SWISS, MSSSC-W60SWISS, MSSSC-W90SWISS (colour suffix Y = yellow, R = red, B = blue)
SKU	MSSSC-W4SWISS, MSSSC-W12SWISS, MSSSC-W22SWISS, MSSSC-W30SWISS, MSSSC-W45SWISS, MSSSC-W60SWISS, MSSSC-W90SWISS
Capacity	**4 / 12 / 22 / 30 / 45 / 60 / 90 gal (15 / 45 / 83 / 114 / 167 / 227 / 340 L)**
Shelves	1 / 1 / 3 / 1 / 2 / 2 / 2
Shelf load capacity	**120 kg**
Body	Double-walled fire-resistant steel, 38 mm insulation layer
Door panel	≥1.0 mm double-walled cold-rolled steel
Lock	Double lock with three-point linkage
Hinges	Piano hinges
Ventilation	Two vents with flame arresters
Coating	Epoxy resin electrostatic spray
Grounding	Electrostatic grounding port
Leak-proof sump	50 mm high
Colours	Yellow, red, blue

DIMENSIONS & WEIGHT	
External dimensions (H×W×D)	560 × 430 × 430 / 890 × 590 × 460 / 1650 × 590 × 460 / 1120 × 1090 × 460 / 1650 × 1090 × 460 / 1650 × 860 × 860 / 1650 × 1090 × 860 mm
Shelf dimensions	348 × 300 × 25 / 508 × 360 × 25 / 530 × 370 × 25 / 1008 × 360 × 25 / 1008 × 360 × 25 / 778 × 760 × 25 / 1008 × 760 × 25 mm
Gross weight	25 / 40 / 65 / 75 / 95 / 110 / 130 kg

STORAGE PROBLEMS THE MASTER SCIENCE CHEMICAL SAFETY CABINET SOLVES	
Fire spread to stored chemicals	Insulated double walls slow heat reaching the contents.
Leaks reaching the floor	The 50 mm sump contains spills.
Mixed-up hazard classes	Colour-coded cabinets keep chemical groups apart.
Unauthorized access	Lockable doors limit who can reach hazardous materials.

Applications

The Master Science Chemical Safety Cabinet is used for safe storage of: Flammable solvents and fuels Acids and corrosive reagents Pesticides and toxic chemicals Paints, oils and combustible liquids Hazardous materials in labs, workshops and warehouses

Fire protection

- Double-walled steel body
- 38 mm insulation layer
- Flame-arrested twin vents

Security and spill control

- Double lock with three-point linkage
- Piano hinges along the full door height
- 50 mm leak-proof sump

Finish and safety

- Epoxy electrostatic coating
- Electrostatic grounding port
- Shelves rated to 120 kg

Standard Accessories Included

- Cabinet with double lock
- Shelves (1 to 3, depending on size)
- Leak-proof sump

Optional Accessories

- Self-closing door
- Movable casters
- Additional shelves
- PP tray