

Fire Hose Cabinet Dimensions — Datasheet

Fire Hose Cabinet Sizes in mm and Inches · Rev. 2026-09

SOKEI Fire

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Any size, made to drawing

Standard metric size series (H × W × D, mm)

Series	Typical size (mm)	Door format	Typically holds	Common use
750 series — compact single-door	750 × 600 × 180	Single, glass or solid	Hose rack or reel + angle valve	Corridors, stairwells, small offices
800 series — hose reel cabinet	800 × 650 × 220 / 800 × 800 × 280	Single	Swing hose reel + inlet valve	Malls, offices, hotels (most common)
1500 series — combination	1500 × 700 × 240	Double door	Hose system + 1–2 extinguishers	Commercial buildings, factories
1800 series — full-height station	1800 × 700 × 240	Double door	Complete hose station + extinguishers + accessories	Industrial, tunnels, standpipe floors

Fire hose cabinet size in mm is how consultants' drawings specify; the series above are the sizes we tool for, not a code requirement. Sheet thickness 0.8–2.0 mm, powder-coated steel or stainless, to your spec.

The same cabinets in inches (Philippines, United States, India)

Market & use	Size in inches (H × W × D)	Size in mm	What it holds
Philippines — 100 ft hose cabinet	32 × 27 × 7	813 × 686 × 178	1.5 in × 100 ft hose on pin rack, angle valve, nozzle, fire axe
Philippines — 50 ft hose cabinet	24 × 27 × 7	610 × 686 × 178	1.5 in × 50 ft hose on pin rack, angle valve, nozzle
United States — valve and rack cabinet	30 × 24 × 8	762 × 610 × 203	Hose rack or dual fire-department valve, 75 ft hose
United States — hose, rack and extinguisher	32 × 32 × 8	813 × 813 × 203	100 ft hose, rack and a portable extinguisher
India — single-door hose box	24 × 18 × 10	600 × 450 × 250	One 30 m × 63 mm RRL hose, branch pipe, hydrant key
India — double-door hose box (horizontal)	24 × 30 × 10	600 × 750 × 250	Two 30 m × 63 mm RRL hoses, branch pipe, hydrant key

Inch sizes are rounded to the nearest ¼ in. Philippine depths of 7 in suit 6 in / 8 in CHB (hollow-block) walls; deeper 9½ in bodies are used surface-mounted or where an extinguisher shares the cabinet.

Rough opening, wall depth and mounting height

What you are setting	Rule of thumb	Why
Rough opening (recessed)	Cabinet H + ~25 mm and W + ~25 mm each side	Lets the body drop in square; the trim frame covers the gap
Wall cavity depth	Cabinet depth + 20–30 mm	Clears fixings and any services behind the box
Thin partition walls	Semi-recessed, projecting 40–100 mm	When a full recess will not fit — common in drywall and CHB partitions
Fire hose cabinet height from floor	Valve or reel hub roughly 900–1500 mm above finished floor	Keeps the valve and hose within reach; the exact figure is set by your fire consultant
Door swing clearance	Door width + 100 mm clear in front	So the door opens fully against a corridor handrail or column
Fire hose cabinet pipe size	1.5 in (40 mm) hose and valve typical; 2.5 in (65 mm) for fire-brigade outlets	Pipe size sets the valve boss position and the minimum cabinet depth
Hose and reel sizes that drive the box	25 mm hose reel (30 m), 19 mm reel (36 m), 65 mm landing valve, 1.5 in × 50 / 100 ft lay-flat hose	Give us the reel or valve model and we size the cabinet around it

These are the standard installation details we build to when no figure is given. Where your drawing states a different rough opening or installation height, the drawing wins.

Single door vs double door

- Single door — 750 and 800 series: one compartment for a hose rack or reel plus its valve. The default for corridors and stairwells.
- Double door — 1500 and 1800 series: one door to the hose, one to a portable extinguisher, each with its own lock.
- Two-compartment floor-standing — hose above, extinguisher below, in one 1800 mm body for lobbies and plant rooms.

Factory capability

Sheet thickness	0.8 – 2.0 mm to your specification
Materials	Cold-rolled steel · SUS 201 / 304 / 316 · aluminium · galvanised steel
Finish	Powder coating; RAL 3000 red or white in stock — custom RAL colours from 300 pcs

- Glass, solid or aluminium-framed doors — with cylinder key, handle or break-glass, and door lettering in your market’s wording.

Maximum single piece	Up to 3,000 mm cabinet length for powder-coated units
Door types	Single, double, triple, sliding, up-swing, glass, frangible; hinge type to your standard
Made to drawing	Any size, cut-out, valve position or signage layout — we build to your DWG or BOQ

Recessed vs surface vs semi-recessed

Recessed	Body inside the wall, trim frame over the opening. Flush look for lobbies and corridors; needs the rough opening and wall depth above.
Surface mounted	Wall-mounted on the face, no opening. Fastest for retrofit, car parks and industrial walls; the full depth projects into the space.
Semi-recessed	Part of the depth in the wall, the rest projecting. The answer for thin partitions and CHB walls that cannot take a full recess.
Floor standing	1800 mm two-compartment bodies stand on the slab with a plinth — no wall fixing needed.

Compliance & documentation

Manufactured to the project specification. Documents supplied with every order: material certificates, ISO 9001 / 14001 / 45001 records, CCCF, and a third-party EN 60529 enclosure ingress-protection test report. No UL, FM or LPCB listing is claimed for the cabinet.

Quote: FOB Xiamen within 24 hours from spec, BOQ or drawing · **Sample:** about 7 working days, cost borne by the buyer · **OEM:** free branding, no tooling fee · **Drawings:** DWG / CAD block / Revit on request within one working day.