

Fire Extinguisher Cabinet — Datasheet

Fire Extinguisher Cabinet Sizes & Configurations · Rev. 2026-09

SOKEI Fire

Jiangsu SOKEI Fire Technology Co., Ltd.

sokeifire.com · export@sokeifire.com

WhatsApp +86 139-1237-6837



Recessed · semi-recessed · surface

By extinguisher size and mounting

Model	Suits	Tub inside (in, W×H×D)	Tub inside (mm)	Wall rough opening (in)	Mounting	Door
EC-5	5 lb / 2.3 kg portable	9.5 × 24 × 5	241 × 610 × 127	10.5 × 25 × 5.25	Recessed, semi-recessed, surface	Full view, duo panel or solid
EC-10	10 lb / 4.5 kg portable	9.5 × 24 × 6	241 × 610 × 152	10.5 × 25 × 6.25	Recessed or semi-recessed (1.5 in or 2.5 in trim)	Full view, break-glass or solid
EC-20	20 lb / 9 kg portable	12 × 27 × 8	305 × 686 × 203	13 × 28 × 8.25	Recessed, semi-recessed or surface	Full view, duo panel or solid
EC-2x20	Two 20 lb units side by side	20 × 27 × 8	508 × 686 × 203	21 × 28 × 8.25	Fully recessed, semi-recessed or surface	Two doors or one wide door
EC-SUR	Surface, 5–10 lb	13 × 27.5 × 6 (overall)	330 × 699 × 152	none — no opening cut	Surface only	Flush solid, break-glass or acrylic
EC-CUS	Any extinguisher or combination	To your drawing	Up to 3,000 mm	To your drawing	Any	To your specification

Rough openings for recessed and semi-recessed cabinets run about 1 in larger than the tub in height and width, and the trim sets how deep the opening must be: a 10 lb cabinet needs 6.25 in fully recessed, 5 in with 1.5 in trim and 2.5 in with the 4 in ADA trim. Send the extinguisher model and the wall build-up and we return the exact opening with the quotation.

Mounting, trim, doors and materials

Choice	What we make	When it is used
Surface mounted	Full body on the wall face, no opening	Retrofit, masonry and industrial walls; simplest to install
Semi-recessed	Body partly in the wall with a rolled or flat trim returning 1.5, 2.5, 3 or 4 in	Corridors where projection must stay within about 4 in
Fully recessed	Body inside the wall, flat trim or trimless face	Lobbies and finished spaces where a flush face is wanted
Door styles	Full glass, vertical or horizontal duo panel, solid steel, bubble, frameless acrylic	Glass and duo panels show the extinguisher; solid doors suit dusty or public areas
Glazing and locks	Clear acrylic, tempered glass or break-glass, with a cam lock, flush pull or break-glass handle	Break-glass where tampering is a risk; cam lock where the cabinet must stay shut
Materials	Cold-rolled steel powder-coated white or red; SUS 304 no. 4 brushed; anodised aluminium; brass-look PVD	Steel for general work, stainless for coastal, food and prestige interiors

Sheet thickness 0.8–2.0 mm. Trimless faces and concealed hinges are available where the architect wants no visible frame.

Options buyers ask for

- Door lettering — FIRE EXTINGUISHER, or bilingual wording for the market
- Instruction decal, inspection tag holder and a break-glass hammer with chain
- Cam lock, cylinder lock, flush pull, or a break-glass panel
- Weather-sealed outdoor version with a gasketed door and drip lip
- Combination cabinet: extinguisher beside a hose reel, hydrant valve or first-aid kit
- Free OEM — your brand, colour, lettering and packaging

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; white and RAL 3000 red in stock — any RAL from 300 pcs; brushed, hairline and mirror stainless
Maximum single piece	Up to 3,000 mm cabinet length for powder-coated units
Door types	Single, double, triple, sliding, up-swing, glass, acrylic, frangible; cam locks and break-glass
Made to drawing	Any size, trim return, cut-out or lettering — we build to your DWG or spec section

Choosing the mounting

Fully recessed	Flush with the wall face. Needs a wall cavity deeper than the box — check the stud depth before specifying.
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Semi-recessed	Part in the wall, trim returning 1.5–4 in. The usual answer in corridors, and the one that keeps projection within the ADA limit.
Surface mounted	No opening needed. Projects the full depth, so keep it outside circulation paths or below 27 in leading edge.
Mounting height	Set so the extinguisher, not the box, meets NFPA 10: top of the unit within 5 ft of the floor for units up to 40 lb, bottom at least 4 in clear.

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.