

Breeching Inlet Cabinet — Datasheet

Breeching Inlet Cabinet Sizes · Rev. 2026-09

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2-way & 4-way · BS 5041 sizes

Standard sizes and apertures

Model	What it houses	Cabinet H × W × D (mm)	Wall aperture (mm)	Mounting	Door
BI-2	2-way inlet breeching, 100 mm (4 in) riser, vertical box	595 × 395 × 295	605 × 405 × 305	Recessed or surface	Clear tempered or wired glass, slam lock
BI-2H	2-way inlet breeching, the same box turned horizontal	395 × 595 × 295	405 × 605 × 305	Recessed or surface	Clear tempered or wired glass, slam lock
BI-4	4-way inlet breeching, 150 mm (6 in) riser	595 × 595 × 295	605 × 605 × 305	Recessed or surface	Clear tempered or wired glass, slam lock
BI-6	6-way or twin-riser arrangement	To your drawing	+10 mm each dimension	Recessed, surface or free-standing	Twin doors or a single wide door
BI-P	Free-standing pillar type	Body on a plinth or stand to fire-brigade working height	—	Free-standing	Where there is no wall at the access point
BI-C	Custom	Any breeching arrangement to 3,000 mm	—	Any	Glazed, solid or louvred, to your specification

Depths of 295 mm suit a recessed box with the breeching set back from the face. A surface door-and-architrave set is far shallower. Send the breeching model and we confirm the internal clearance and cut-out before quoting.

Finish, glazing, lettering by market

Market	Lettering convention	Typical finish	Notes
United Kingdom	“DRY RISER INLET” / “WET RISER INLET”	RAL 3002 carmine red, 6 mm Georgian wired glass	Slam lock keyed alike, concealed pivot hinges (piano hinge on request)
Gulf (UAE, Saudi, Qatar)	Bilingual Arabic and English	RAL 3000 red or brushed SS 304	Break-glass door, sand and heat resistant gasket
Malaysia & Singapore	“FIRE BREECHING INLET”	Red epoxy powder 70 µm, clear tempered glass	Recess mounted is the norm on wet riser work
Hong Kong	“FS INLET”	Red powder coat or stainless	Compact recessed boxes in lift lobbies and street frontages
Sprinkler systems	“SPRINKLER INLET”	Red powder coat	Same box, different internal pipework and wording
Breeching inlet signage	Identification lettering plus, where asked, a block plan holder	Screen-printed, etched or applied plate	Breeching inlet signage is set by your consultant; we print the approved wording

Send the exact wording your consultant approves — including any Arabic or Chinese string — and we screen-print or etch it. We do not translate safety wording ourselves.

Supplied empty or fitted

- Cabinet only, with the cut-outs for your breeching — the usual order from installers and wholesalers
- Cabinet with an inlet breeching sourced to your nominated make and standard
- Drain and drip lip fitted as standard on external cabinets
- Padlock hasp, slam lock or break-glass panel, keyed alike across a project
- Block-plan or identification plate holder where the specification asks for one
- Matching landing valve cabinets and hose cabinets so the whole riser package ships together

Factory capability

Sheet thickness	0.8 – 2.0 mm to your specification
Materials	Zintec and cold-rolled steel · SUS 201 / 304 / 316 · aluminium · galvanised steel
Finish	Powder coating; RAL 3000 and RAL 3002 in stock — any RAL from 300 pcs
Maximum single piece	Up to 3,000 mm cabinet length for powder-coated units
Door types	Single, double, glazed, solid, louvred; slam locks, hasps, cylinder locks, break-glass
Made to drawing	Any size, breeching cut-out, drain position or lettering — we build to your DWG

Recessed, surface, free-standing

Recessed	Body in the wall, frame over the aperture. Apertures above allow 5 mm each side; wall depth must clear 295 mm.
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Surface	Full body on the face where the wall cannot be cut — car park cores, retaining walls, plant rooms.
Free-standing pillar	On a plinth at the vehicle access point where there is no wall. Weather-sealed, with a drain.
Installation height	Set to fire-brigade working height by your code and the approving officer — in the UK under BS 9990, in the Gulf under Civil Defence review. We build to the height on your drawing.

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.