

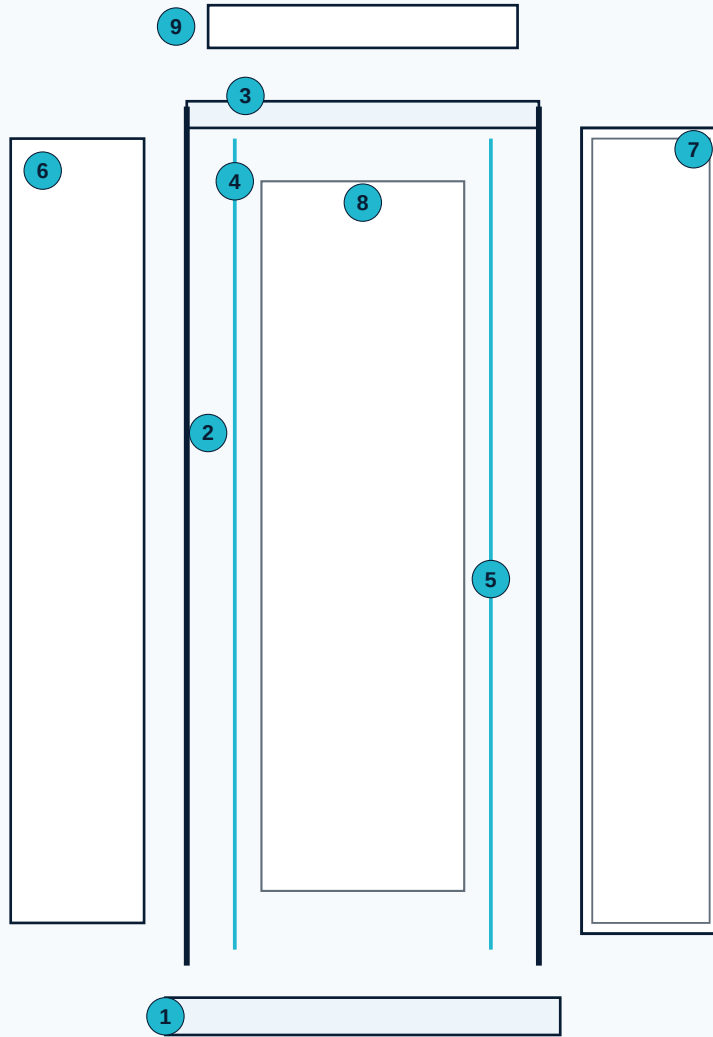
Acoustic Cabinet 42U

HSP-RACK-AC-42U

Flat-pack build guide for this code.

HSP-RACK-AC-42U is a 42U Hyperspan Rack acoustic cabinet. The footprint is 800 x 1000 mm. The enclosure is solid, for occupied spaces where plant noise has to be contained. 19-inch EIA-310 rails, numbered in U, are fitted front and rear. The doors lock, the side panels come off, and the roof is a closed panel. It is supplied flat-packed for assembly on site. Baying is supported, and the baying kit is ordered as an accessory. Typical use: Occupied-space server noise control. Specify it with Power PDUs, Rack panels and Hyperband fibre as a Hyper House bill of materials.

EXPLODED ASSEMBLY



Schematic. Numbers match the parts list.

PARTS IN THE PACK

- 1 Base**
Bottom frame. The cabinet stands on this.
- 2 Uprights**
Four corner posts. U numbers face into the rack.
- 3 Top frame**
Closes the top of the posts and carries the roof.
- 4 Front 19-inch rails**
EIA-310 pair. Equipment fixes here.
- 5 Rear 19-inch rails**
EIA-310 pair, set to the same depth as the front.
- 6 Side panels**
Left and right. They lift off for service.
- 7 Front door**
Solid acoustic leaf.
- 8 Rear door**
Lockable steel leaf.
- 9 Roof**
Closed roof panel.

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BEFORE YOU START

1. Use two people. A tall cabinet or frame is not a one-person lift.
2. Wear gloves. Flat-pack steel edges are sharp.
3. Assemble on a level floor, with room to square the frame.
4. Leave the frame fixings finger-tight until the diagonals match, then tighten.
5. Do not load equipment until the rails are fitted and the cabinet is in its final position.
6. A published static load is a standing load. Do not roll a loaded cabinet.
7. Bond the frame to earth before any PDU or active equipment is energised. The earth bonding kit is a separate accessory.
8. Baying kits, plinths, castors, fan trays, blanking panels and M6 cage nuts are ordered separately.

BUILD SEQUENCE

1. Unpack and check every part against the numbered list before you fit anything.
2. Place the base (1) on a level floor.
3. Stand the uprights (2) on the base and fasten them finger-tight.
4. Fit the top frame (3). Tighten the frame only once the diagonals match.
5. Fit the front rails (4) and the rear rails (5) to the depth the equipment needs. Keep the two pairs square. Follow the U numbers on the rails.
6. Hang the side panels (6) and the rear door (8). Check that the door closes and locks.
7. Hang the front door (7) and check that it locks.
8. Fit the closed roof panel (9).
9. Move the empty cabinet into place with two people. Bond the earth. Fit a baying kit, plinth or castors only when that accessory was ordered. Load equipment from the bottom.