UPC-ALPI-12U450 / ALPINE LINE

12 U · 19-inch wall-mount rack cabinet

553 × 450 × 593 mm



Indoor network cabinet

Lockable steel wall cabinet for switches, patch panels and cable management. Removable, independently lockable side panels give access to the equipment and cabling.

Model specifications

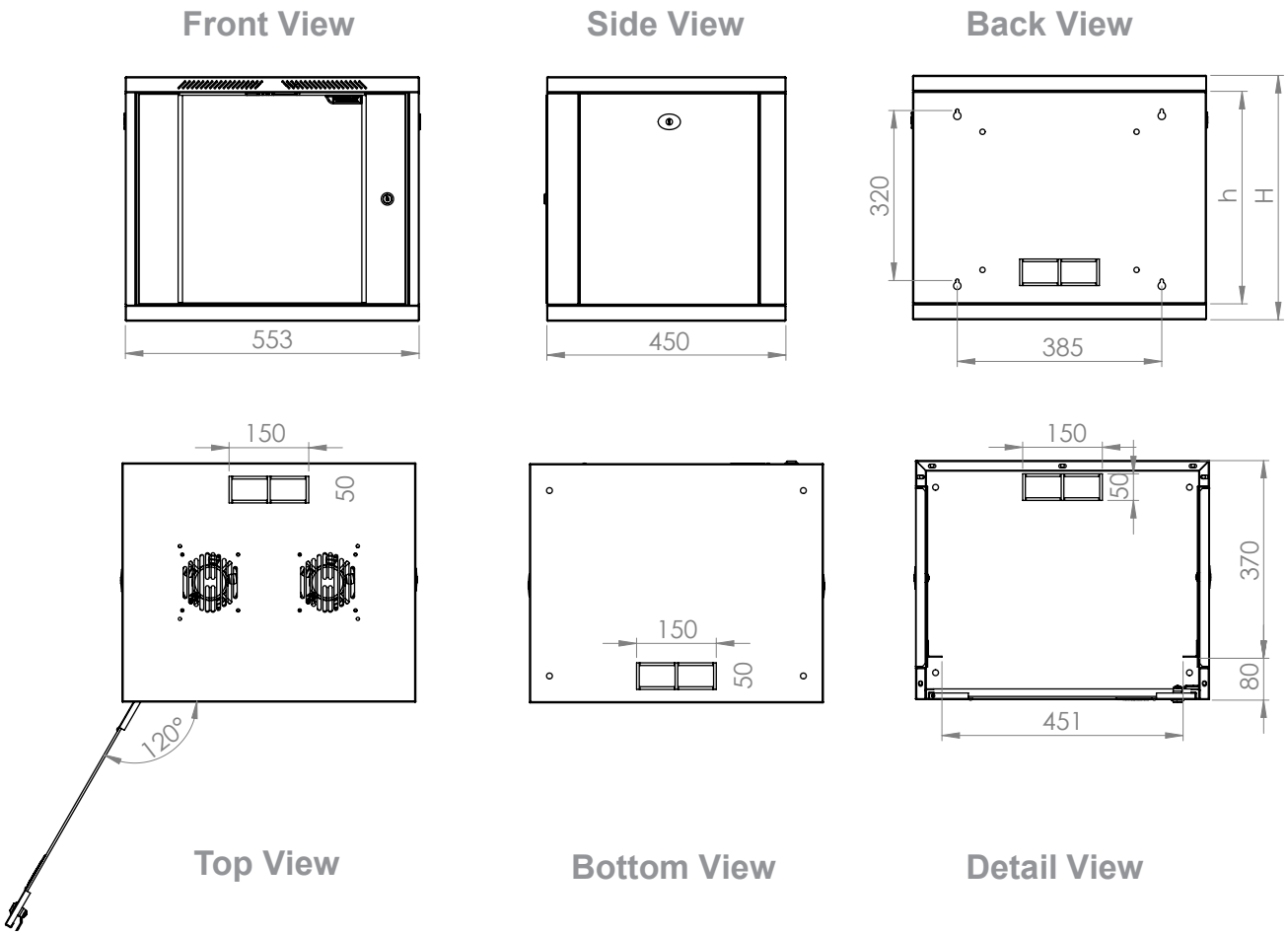
Order code	UPC-ALPI-12U450
Rack capacity	12U
Width × depth × height	553 × 450 × 593 mm
Internal rack height h	536 mm
Cabinet net weight	19 kg
Equipment load	120 kg
Mounting rails	Two depth-adjustable 19-inch rails with U markings
Finish	RAL 7035 light grey or RAL 9005 black
Enclosure protection	IP20

The photo illustrates the 450 mm depth series. Use the dimensions above for this order code.

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Dimensional drawings

Dimensions in mm. H is the external height and h is the internal rack height.



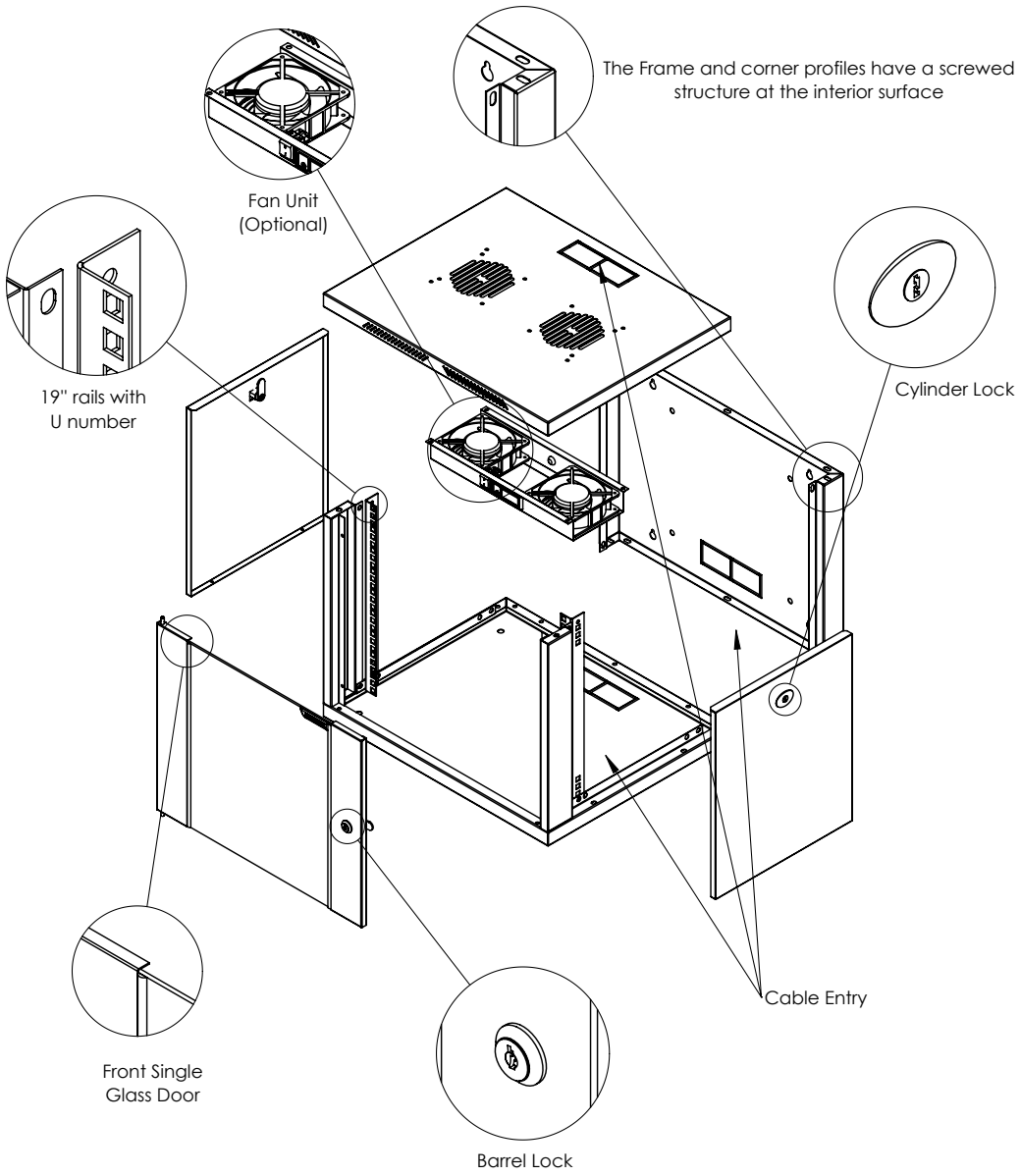
Model	UPC-ALPI-12U450
External dimensions	553 × 450 × 593 mm
Internal height h	536 mm
Rack capacity	12U

Allow clearance for connectors, ventilation and cable bends when selecting equipment.

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Assembly and access

Metal-framed 4 mm smoked glass door with a round cylinder lock. The bottom cable entry has a sliding brush cover. Additional cable entry points are located at the top and rear.



The frame and corner profiles are screwed together from the inside. A cooling module with one or two fans can be specified separately.

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Standards and test data

Manufacturer-reported test references for the Alpine Line cabinet and its specified components.

Ingress protection	IP20 for indoor use, according to EN 60529 (TS 3033 EN 60529).
Mechanical performance	TS EN IEC 61587-1:2022. The manufacturer cites clauses 5.2.1 and 5.2.3 and static-load class SL06. Rated cabinet load: 120 kg.
Vibration and shock	Vibration and resonance testing to IEC 60068-2-6. Shock testing to IEC 60068-2-27.
Climatic tests · C2	Cold exposure −25 °C ±3 °C (IEC 60068-2-1). Dry heat +70 °C ±2 °C (IEC 60068-2-2). Cyclic damp heat to IEC 60068-2-30. These temperatures are test conditions.
Industrial atmosphere · A2	Sulphur dioxide and hydrogen sulphide exposure. The test references are IEC 60068-2-42, IEC 60068-2-43 and IEC 60068-2-49.
Protective bonding	Reported resistance of the protective bonding circuit below 0.1 Ω. The manufacturer references EN 61587-1 and EN 61010-1.
Front door glazing	4 mm smoked, thermally toughened safety glass. The manufacturer cites EN 12150-2 and a minimum bending strength of 120 N/mm².
Steel and finish	Cold-rolled steel sheet (EN 10130) with electrostatic powder coating. Coating references include ASTM D523, ASTM D2794 and DIN EN ISO 2811-1.
Fasteners and optional fans	Fasteners: ISO 7045 and ISO 4032. The optional fan unit references TS EN 62368-1:2020, including AC:2020 and A11:2020.
Other manufacturer references	The manufacturer identifies CE and RoHS in its technical data, cites IEC 62321 for component material testing and lists UL 2416 as a technical reference.