

## Overview

Compact concertina aluminium loft ladder, specially designed for small ceiling openings. Supplied as a ready to fit unit, consisting of a space-saving retractable ladder contained within, and attached to a laminated wooden hatch box.

The insulated trapdoor offers good energy efficiency (0.77 W/m<sup>2</sup>K) thanks to a highly insulated trapdoor with four-point locking mechanism providing a Class 4 certified airtight seal. Both sides of the trapdoor are finished in white for improved aesthetics. It is also fitted with the patented WDL sealing and insulation tap, which provides a perfect seal between the hatch box and building and saves time during installation.

**Compact | Highly Insulated | Ease of Use | Light weight | Space-Saving**



### Product Materials & Finish

- Extruded aluminium ladder structure
- Natural finish Steel fixings throughout
- Hatch Box; ply board (18mm)
- Architrave; clip on PVC (50mm)
- Trapdoor; ply board insulated sandwich construction (62mm)
- Treads; 280mm / 330mm wide x 80mm deep
- Operating pole included as standard

### Performance

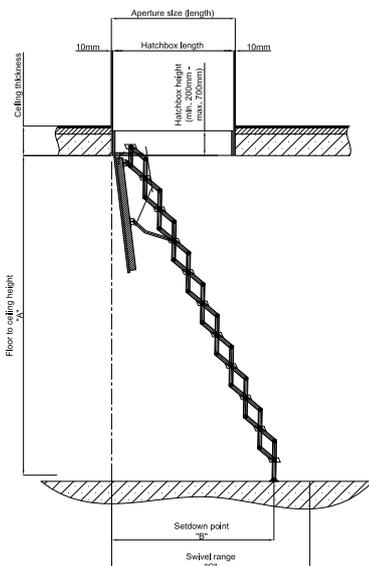
- High energy efficiency (U-value of 0.77 W /m<sup>2</sup>K, calculated by manufacturer according to DIN EN ISO 6946)
- WDL insulation and sealing tape and 4-point locking mechanism for airtight seal with the building
- Certified Class 4 airtightness
- Load capacity of 150 kg per step

### Quality

- Manufactured and tested to EN 14975 (certified by TÜV SÜD)
- Class 4 airtightness tested in accordance to DIN EN 12207 by IFT Rosenheim
- Supplied with a manufacturer's 2-year full warranty and 10-year parts warranty

### Optional Accessories

- Telescopic handrail
- Security lock
- Protective wooden or metal railing



Aperture length depends on the number of treads			Space required in cm	
Treads	Aperture size (length)	Floor to ceiling height "A"	Set down point "B"	Swivel range "C"
8	80 - 160	175 - 200	99 - 92	106
9	80 - 160	200 - 225	111 - 104	118
10	80 - 160	225 - 250	123 - 116	130
11	80 - 160	250 - 275	134 - 128	141
12	80 - 160	275 - 300	146 - 140	153
13	90 - 160	300 - 325	158 - 151	165

Hatchbox external dimensions = aperture size -2cm

Standard sizes in cm			
Aperture size (length x width)	Floor to ceiling height "A"	Tread width	Hatchbox height
110 x 60 cm	225 - 275	28	24
110 x 70 cm	225 - 275	33	24
120 x 60 cm	225 - 275	28	24
120 x 70 cm	225 - 275	33	24

Drawings not to scale. Minimum opening length of 900mm required for telescopic handrail rotation.

## Environment and sustainability

Red listed components - none

Recyclability - Aluminium