

Klimatec I60 Passivhaus Loft Ladder

Overview

The Klimatec 160 Passivhaus loft ladder features a high strength, three or four-part folding loft ladder with hatch door that has high thermal insulation (U-value of 0.34 W/m²K) and an airtight seal. Certified by the Passivhaus Institute for use in passive buildings. 30-minute (EI₂30) fire protection from lower trapdoor. Counter-balance spring mechanism provides easy operation.

High Strength | Passivhaus certified | 30-min Fire Protection | Ease of Use | Large Steps for Comfort & Safety



Product Materials & Finish

- Powder coated steel
- White Matte finish (RAL 9016)
- Lower hatch; 160mm thick insulation
- Wide / deep treads for comfortable and safe climb (360mm wide x 120mm deep)
- Integrated handrail
- Operating pole included as standard

Performance

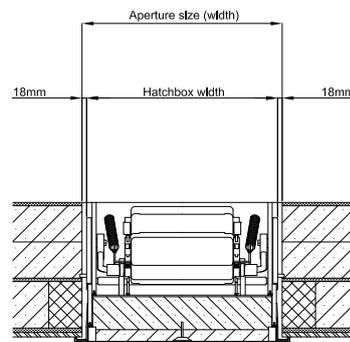
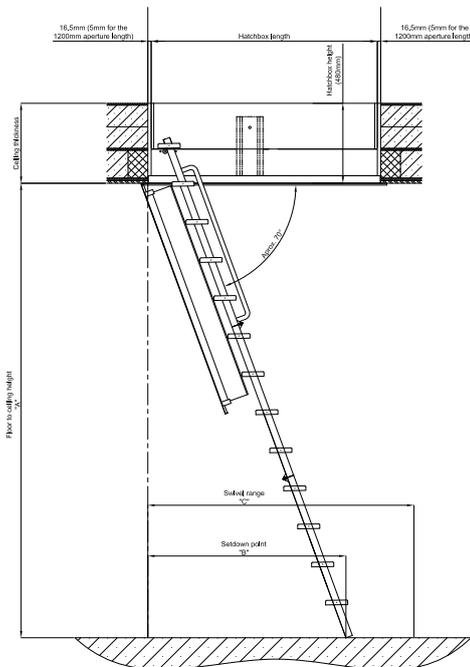
- High energy efficiency (U-value of 0.34 W/m²K)
- Fire resistant loft ladder and hatch box – tested to 60 minutes (EI₂60)
- High strength, heavy-duty loft ladder, with a load capacity of 250 kg per step

Quality

- Manufactured and tested to EN 14975
- Tested (from below) to EN 1363-1, EN 1634-1 and ÖNORM B 3860 for fire resistance of 30 minutes (EI₂30)
- Passivhaus Institut Darmstadt tested (certificate no. 0836as01)
- Class 4 air permeability certified (according to EN12114 and EN 1026 by TU Graz)
- Supplied with a manufacturer's 2-year full warranty and 4-year parts warranty

Optional Accessories

- Airtight sealing kit
- Insulated upper cover
- Upper-level guardrail



Drawings not to scale.

Custom sizes :
Custom sizes are available on request
Aperture length: 1000mm - 1400mm
Aperture width: 500mm - 700mm
Floor to ceiling height: Up to max. 3400mm

Space required in mm.				
Aperture size	Floor to ceiling height "A"	Hatch box height	Set down point approx. * "B"	Swivel range "C"
1200 x 700	2500 - 2700	480	1130 (2645)	1400 - 1560
1300 x 700	2500 - 2650	480	1115 (2600)	1580 - 1720
1400 x 700	2550 - 2750	480	1145 (2695)	1570 - 1780

*Set down point varies, depending on floor to ceiling height. Floor to ceiling height shown in brackets.