

INSTALLATION GUIDE

Step 1 - Rail Installation

- Tap the end of the rail with the tap supplied to create a thread in order to screw end caps into. (Do not screw end caps in place yet)
- Slide brackets onto rail with at least one positioned every 914mm along the length of the rail.
- Pre-drill holes in wood you are fixing to if needed. Screw brackets into place.
- Use the joining kit to connect rails together. (if applicable). Insert roll pin halfway into one of the rails. Slide the steel bar halfway into the rail. Secure the joining kit to rail on both sides by tightening the set screws.
- Install end cap with screw provided using 4mm Allen key.

Note: Leave at least 7inch clearance above the rail for the top guide hardware to operate properly, and allow the ladder to move against the wall for storage.

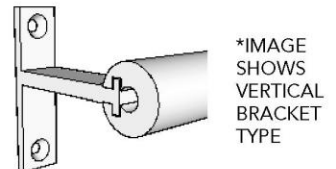
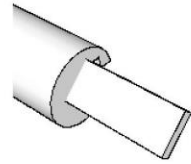
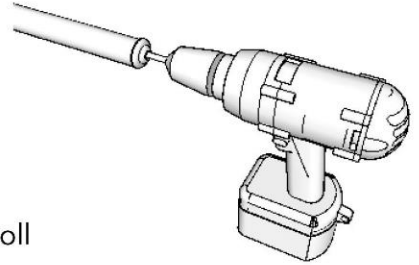
Step 2 - Ladder Assembly (If applicable)

Assemble the steps onto the side rails with glue and screws.

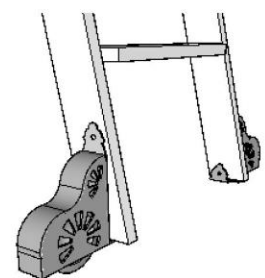
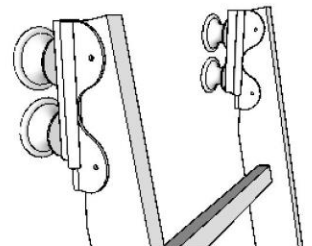
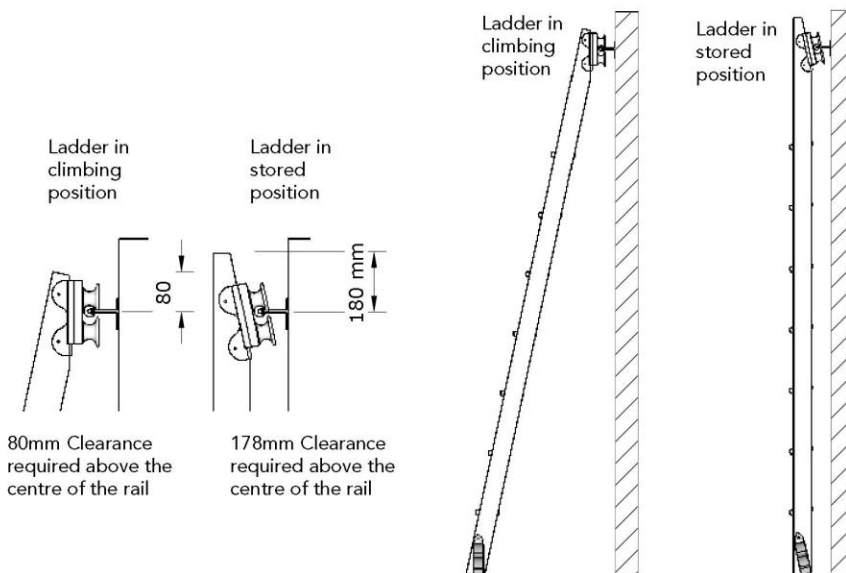
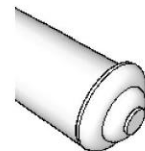
Step 3 - Ladder Hardware Installation

- Install step support rods under each step using 5mm allen key.
- Drill holes and install top roller/hook to ladder
- Line up bottom rollers vertical to the floor when ladder is in climbing position. Pre-drill holes and install bottom rollers. For the non-skid foot, centre on the bottom of rail and pre-drill holes.

Note: Pre-drilling of holes for the wood screws on the bottom of the ladder will prevent splitting of the ladder side rails.

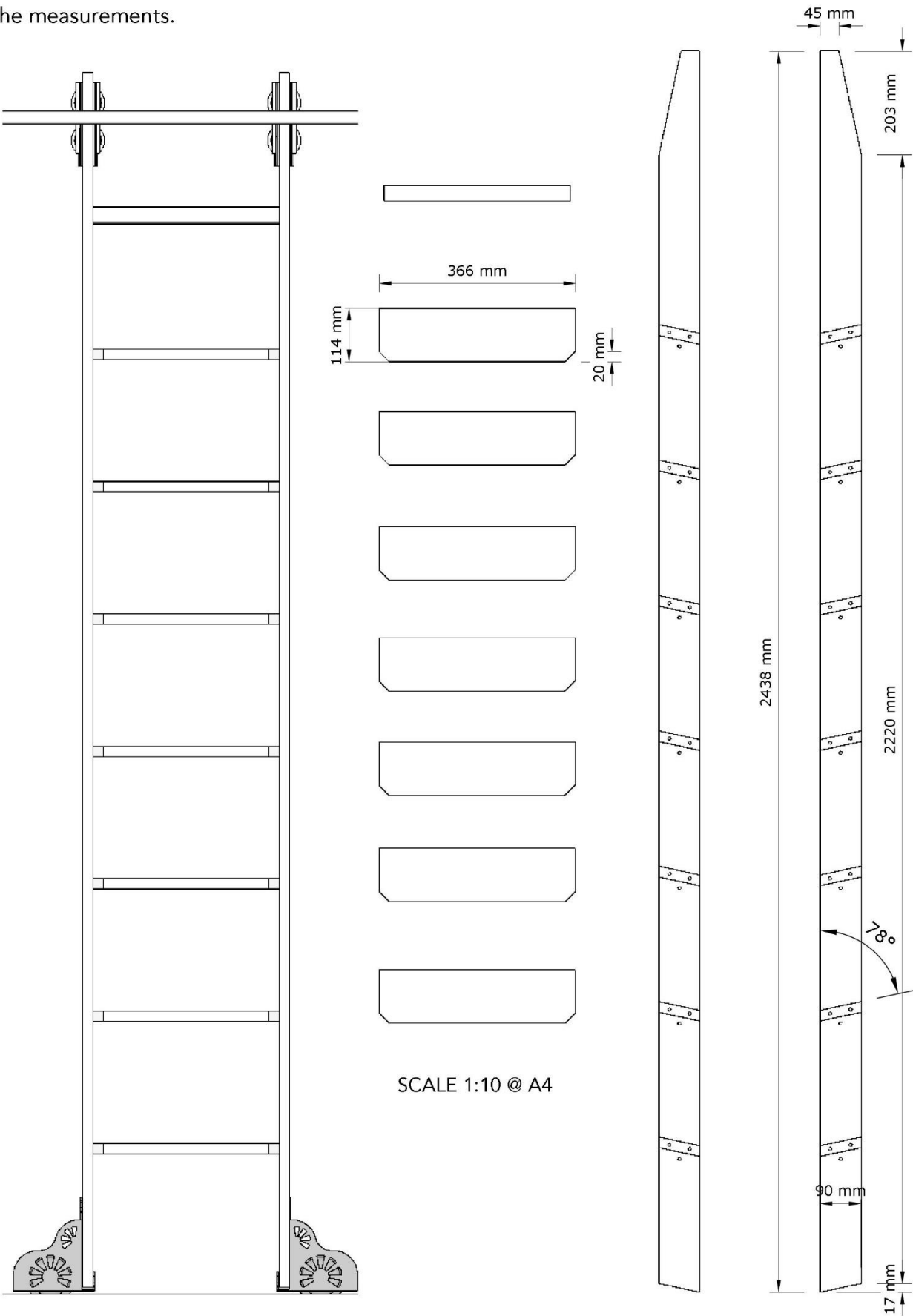


*IMAGE SHOWS VERTICAL BRACKET TYPE



LADDER TECHINCAL DETAILS

To determine the length of ladder required:
Measure from the centre of the rail to the floor then add 130mm to the measurements.



LADDER HEIGHT & WIDTH FORMULAS

Ladder by feet

7ft Ladder (2134mm) = RH 2004mm
8ft Ladder (2440mm) = RH 2310mm
9ft Ladder (2750mm) = RH 2620mm
10ft Ladder (3050mm) = RH 2920mm

Formular:

If rail height is supplied:

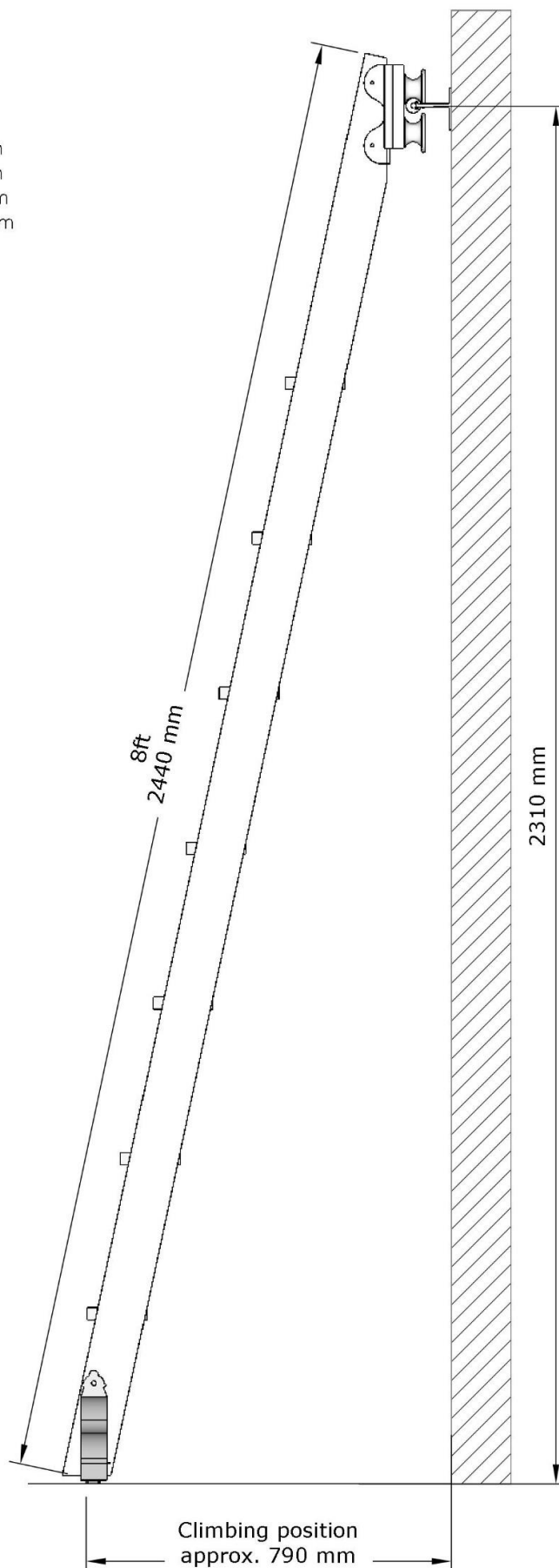
$$RH + 130\text{mm} = LH$$

If ladder height is required:

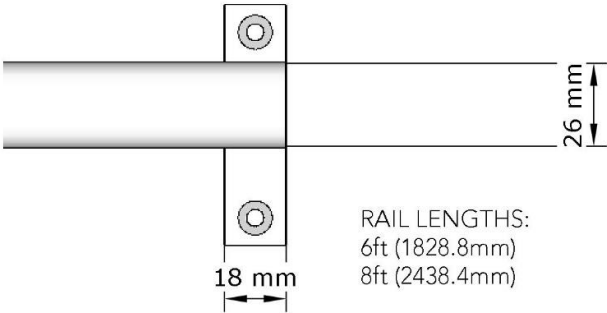
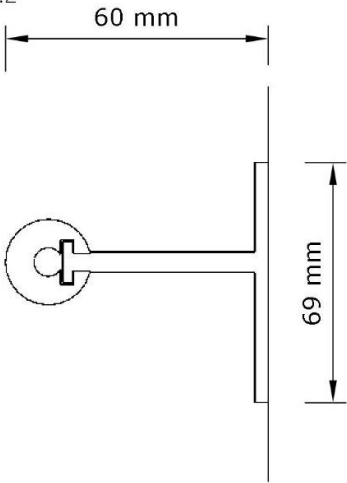
$$LH - 130\text{mm} = RH$$

RH = Rail centre height

LH = Ladder height (length)



SCALE 1:2



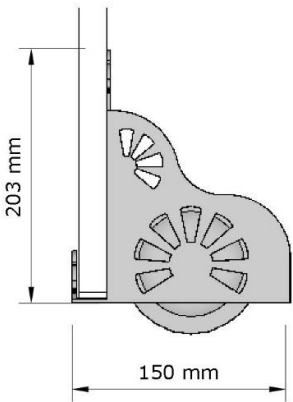
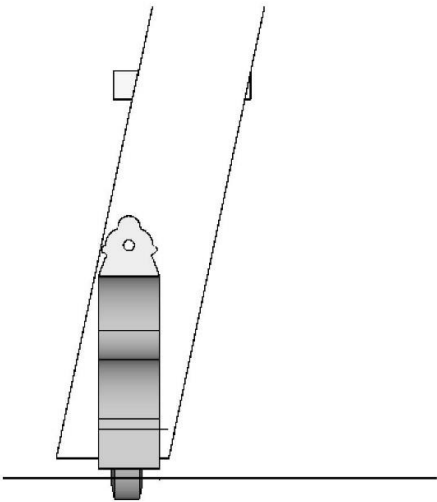
SCALE 1:5

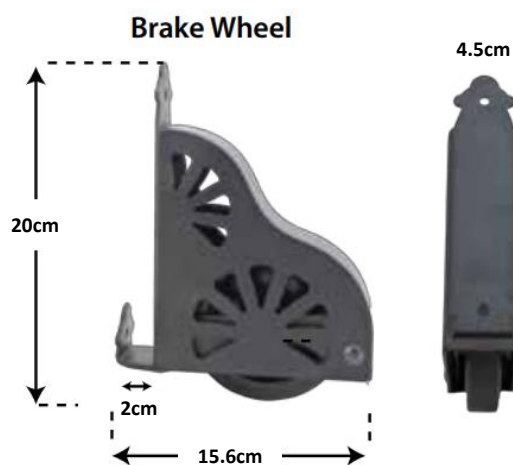
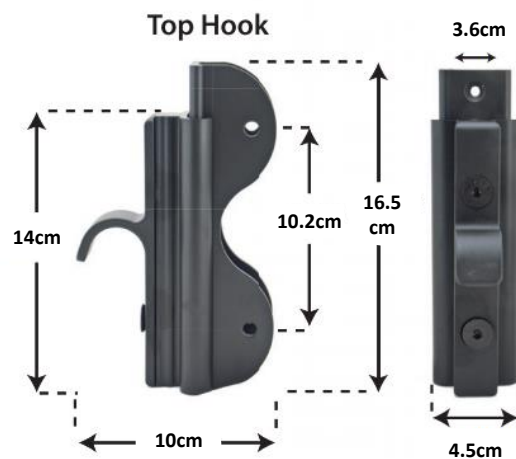
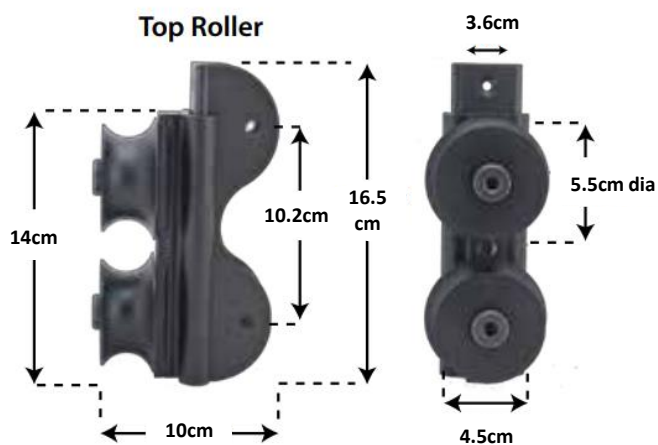
SLIDER FOR STOWING LADDER UPRIGHT

FIXED TO LADDER UPRIGHT

ROLLER

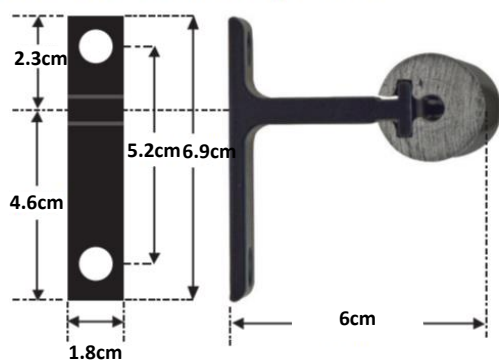
TOP HOOKS
FIX ONTO BAR
AND ROLL
SIDEWAYS





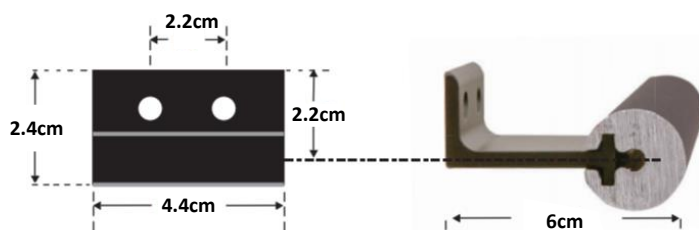
Vertical Rail Brackets

For Roller and Swivel Top Guides

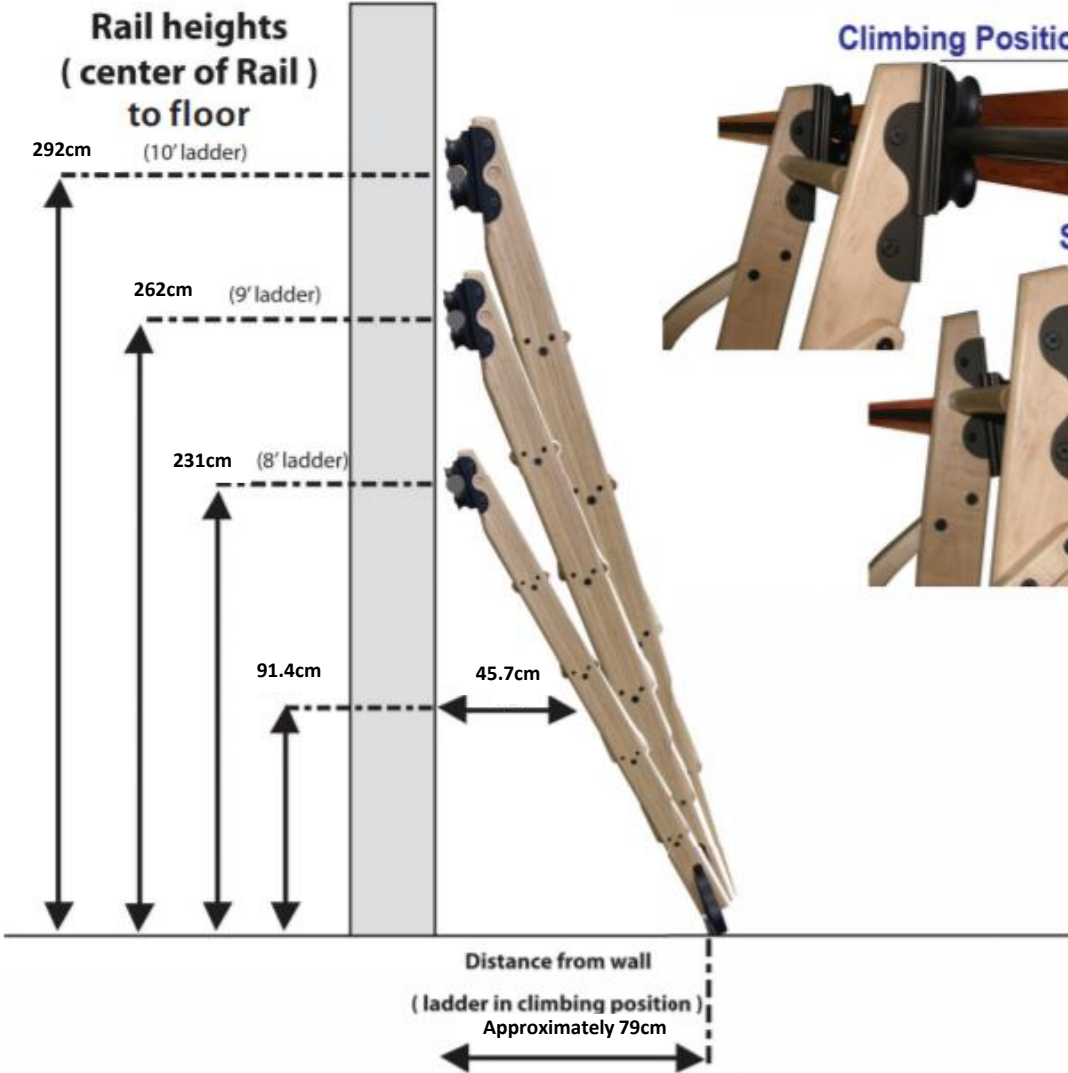


Horizontal Rail Brackets

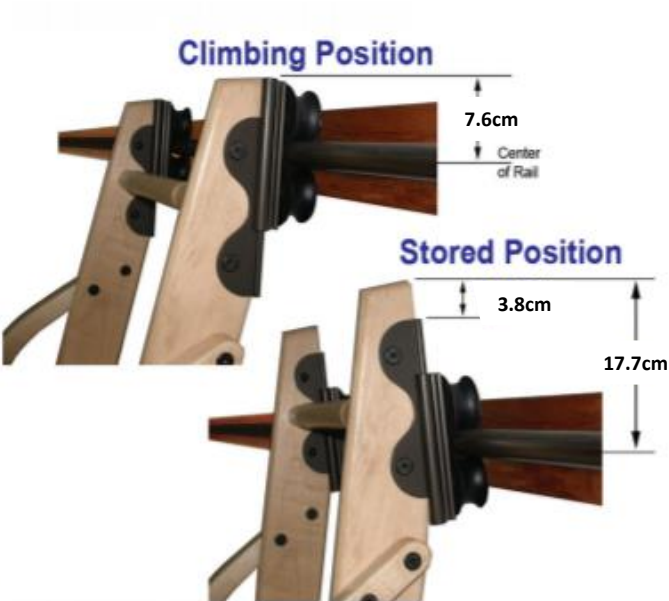
For Roller and Swivel Top Guides



Rail Height and distance for 8', 9', 10' standard ladders



Top Ladder Clearance





Rolling Ladder Hardware Kits