

TECHNICAL SPECIFICATION

ATTIC LADDER LFT R10 FIRE-RETARDANT

I. APPLICATION

The **LFT Fire-Retardant Insulated Attic** Ladder is a 3-section folding wooden ladder designed to provide enhanced fire resistance and excellent thermal insulation. With an R-value of 10, it is well-suited for residential applications where improved energy efficiency and fire-retardant access to the attic is needed.

II. STRUCTURE

No.	Element	Description
1	Hatch	Plywood, insulated Thickness: 1$\frac{1}{4}$" Thermal insulation thickness: 1$\frac{3}{4}$"
2	Frame	Pinewood Height: 5$\frac{1}{2}$" Factory-installed seal
3	Ladder	Wooden. Ladder width: 15" Stringer height: 3$\frac{1}{8}$" Distance between steps: 9$\frac{7}{8}$"
4	Steps	Pinewood, equipped with anti-slip profile. Step depth: 3$\frac{1}{8}$" Step width: 13$\frac{3}{8}$"
5	Standard Accessories	Metal handrail.

III. DIMENSIONS

No.	Dimensions	Room height
1	22,5" x 54"	7'11" - 10'4"
2	25" x 54"	
3	30" x 54"	

IV. TECHNICAL PARAMETERS

Maximum loading*	350 lbs
Heat transfer coefficient	R-value: 10

*manufacturer's internal research

V. COMPATIBLE ACCESSORIES

Ladder balustrade LXB-U	The balustrade is available in one standard size 30"x54" for all attic ladders
Box extension LXN-B	The standard box height is 4". While ordering the LXN please provide ladder type and size
Upper hatch LXW	The height of the upper hatch box is 7 $\frac{3}{4}$ "
Plastic ends LXS	Available for all sizes
Metal handrail LXH	Installation to top segment, as an additional handrail on the left side, handrail 29 $\frac{1}{2}$ "
Installation brackets LXX	Maximum ceiling height: 13 $\frac{3}{4}$ "
LXM-W	Unloading mechanism
Adjustable ladder ends LXS-W	Extend the ladder for ceilings up to 10'7"



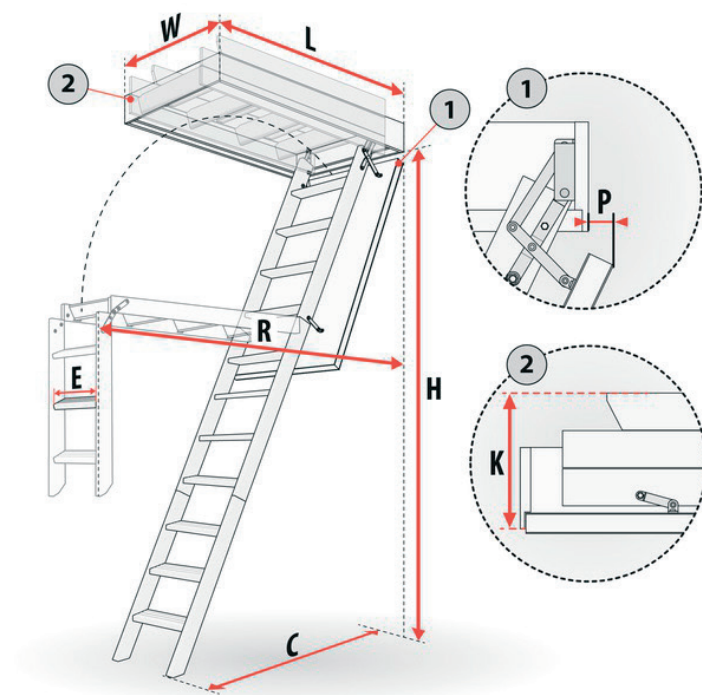
VI. ASSEMBLY INFORMATION

Attic ladder is fully assembled. The length of the last segment should be cut on-site to suit to existing ceiling height. Installation of the product must be carried out in accordance with the included fitting instructions.

Pre-installation, installation and safety instruction: <http://www.fakrousa.com/our-products/offer/-installation-instructions/>

Installation movies: <http://www.fakrousa.com/our-products/offer/attic-ladders/>

VII.DETAILED DIMENSIONS



LFT		22 ½ x 54	25 x 54	30 x 54
Manufacturer's part number		869502	869503	869504
Ceiling height	H	7'11" - 10'4"		
Rough opening	AxB	22 ½" x 54"	25" x 54"	30" x 54"
Outside frame dimensions	WxL	22" x 53 ½"	24 ½" x 53 ½"	29 ½" x 53 ½"
Internal frame dimensions		20 ½" x 51 ¾"	23" x 51 ¾"	28" x 51 ¾"
Frame height		5 ½"		
Folded ladder height	K	11 ¼"		
Projection	R	67"		
Landing space	C	50 ⅞"		
Board movement after opening	P	1 ¾"		
Step width	E	13 ⅜"		
Step depth		3 ⅞"		
Step thickness		7/8"		
Distance between steps		9 7/8"		
Number of steps		13		
Approx. Weight (lbs)		67	72	77