

TECHNICAL SPECIFICATION

ATTIC LADDER LMF-R FIRE-RETARDANT

I. APPLICATION

The **LMF-R Fire-Retardant** Attic Ladder combines the strength of a metal ladder with enhanced fire-retardant properties and insulation. Designed for occasional access to the attic, it is ideal for residential and light commercial use where additional fire protection is desired. The ladder features an insulated fire-retardant door, folding metal sections, a handrail for safer climbing, and a gasket to help limit air leakage.

II. STRUCTURE

No.	Element	Description
1	Hatch	Plywood, insulated Thickness: 1¾" Thermal insulation thickness: 1¾"
2	Frame	Pinewood Height: 5½" Factory-installed seal
3	Ladder	Metal. Ladder width: 15" Stringer height: 3⅞" Distance between steps: 9⅞"
4	Steps	Metal, equipped with anti-slip profile. Step depth: 3⅞" Step width: 13⅜"
5	Standard Accessories	Metal handrail. Adjustable ends with rubber caps.

III. DIMENSIONS

No.	Dimensions	Room height
1	22,5" x 54"	8' - 10'3"
2	25" x 54"	
3	30" x 54"	

IV. TECHNICAL PARAMETERS

Maximum loading*	375 lbs
Heat transfer coefficient	R-value: 5.6

*manufacturer's internal research

V. COMPATIBLE ACCESSORIES

Ladder balustrade LXB-U	The balustrade is available in one standard size 30" x 54" 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 7¾"
Metal handrail LXH	Installation to top segment, as an additional handrail on the left side, handrail 29 ½"
Installation brackets LXX	Maximum ceiling height: 13 ¾"
LXM-M	Unloading mechanism



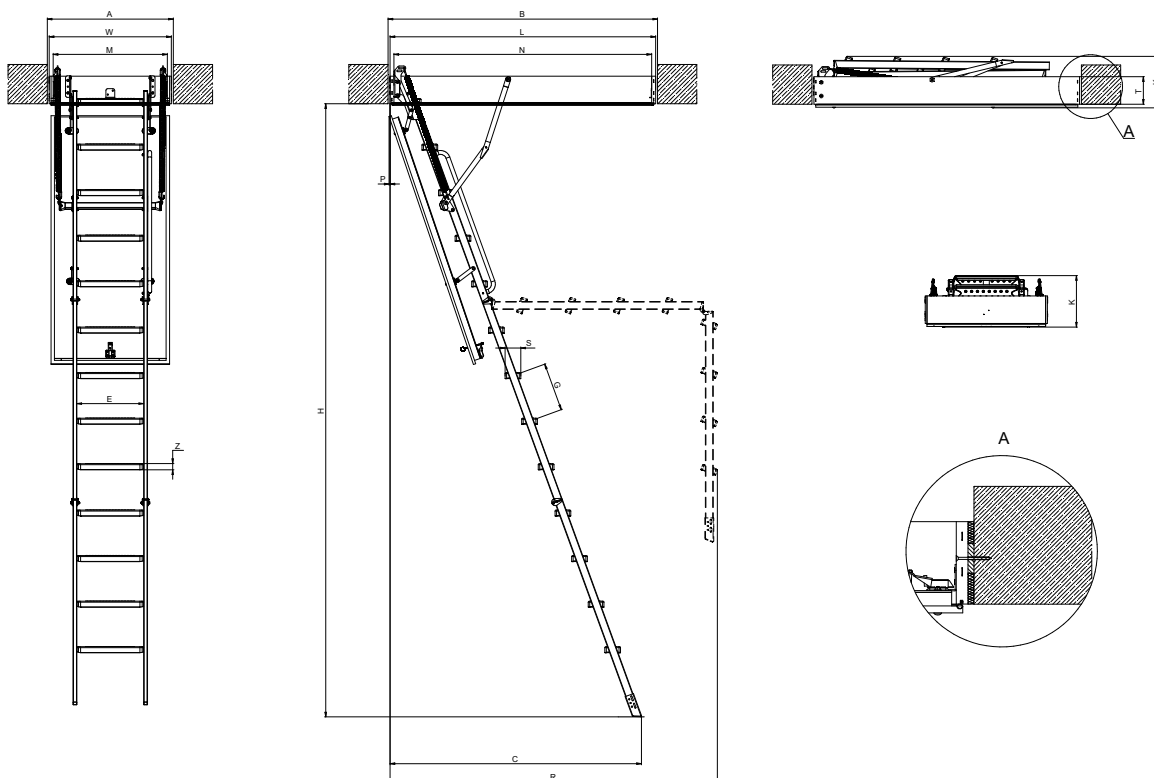
VI. ASSEMBLY INFORMATION

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



LMF-R		22 ½ x 54	25 x 54	30 x 54
Manufacturer's part number		869539	869540	869541
Ceiling height	H	8' - 10'3"		
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	10"		
Projection	R	66 ½"		
Landing space	C	51"		
Board movement after opening	P	1 ½"		
Step width	E	13 ¾"		
Step depth		3 ⅞"		
Step thickness		1 ¼"		
Distance between steps		9 ⅞"		
Number of steps		13		
Approx. Weight (lbs)		77	80	82