

TECHNICAL SPECIFICATION

ATTIC LADDER LWF-R INSULATED

I. APPLICATION

The **LWF-R Insulated** is a 3-section wooden loft ladder, featuring increased fire resistance parameters. The loft lader insulated hatch is made of fire-retardant plywood.

II. STRUCTURE						
No.	Element	Description				
1	Hatch	Pinewood, insulated Thickness: 1¾" Thermal inulation thickness: ¾"				
2	Frame	Wooden. Height: 5 ½ ″				
3	Ladder	Wooden. Ladder width: 15" Stringer height: 3½" Distance between steps: 9½"				
4	Steps	Wooden, equipped with anti-slip profile. Step width: 3 ½" Step length: 13 ¾"				
5	Standard Accessories	Metal handrail. Rod for opening.				

III. DIMENSIONS						
No.	Dimensions	Room height				
1	22,5" x 54"					
2	25" x 54"	8' - 10'4"				
3	30"x 54"					
4	22,5" x 54"					
5	25" x 54"	8′9 1/2″ - 10′8″				
6	30"x 54"					

IV. TECHNICAL PARAMETERS						
Maximum loading*	350 lbs					
Hatch board: Fire rating:	B-s1, d0 PN-EN 13501-1					
Heat transfer coefficient	R-value: 5.2					

^{*}manufacturer's internal reserch

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 7¾"				
Plastic ends LXS	Available for all sizes				
Metal handrail LXH	Installation to top segment, as an additional handrail on the left side, handrail 29 ½"				
Installation brackets LXK	Maximum ceiling height: 13 ¾"				
LXM 3	Unloading mechanism (room height: min 8' 6 3/8")				







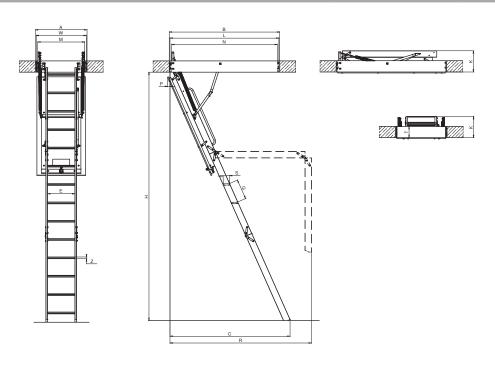


VI. ASSEMBLY INFORMATION

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



		П	П	П	П		П
LWF-R Insulated		22 ½ x 54	25 x 54	30 x 54	22 ½ x 54	25 x 54	30 x 54
Manufacturer's part number		869109	869110	869111	869416	869417	869418
Ceiling height	Н	8' - 10'4"			8' 9 ½" - 10' 8"		
Rough opening	AxB	22 ½" x 54"	25" x 54"	30" x 54"	22 ½" x 54"	25" x 54"	30" x 54"
Outside frame dimensions		22" x 53 ½"	24 ½" x 53 ½"	29 ½" x 53 ½"	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"	20 ½" x 51 ¾"	23" x 51 ¾"	28" x 51 ¾"
Projection	R	67 1/8"		71 1/4"			
Landing space	C	49 7/8"		51½"			
Folded ladder height K		11"			11"		
Board movement after opening P		1½"			11/2"		
Step Length E		13 ³/ ₈ "			13 3/8"		
Step width	S	3 1/8"		3 1/8"			
Step thicknes Z		7/8"			7/8"		
Distance between steps G		97/8"			9 % "		
Frame height		5 ½"			5 ½"		
Approx. Weight (lbs)		70,4	72,9	77,9	72	74,5	79,5