

TECHNICAL SPECIFICATION

ATTIC LADDER LWF

I. APPLICATION

Folding attic ladders enable safe and easy access to non-inhabited spaces without the need for installing costly and space consuming staircases. Insulated fire rated wooden model **LWF** is recommended for building codes require fire protections.

II. STRUCTURE

No.	Element	Description
1	Hatch	insulated, sandwich type, white thickness: 3 1/8". thermal insulation thickness: 2 7/8". no lock – unloading mechanism automatically presses the hatch to the box, opening with the use of a control rod gasket that expands under extreme heat,
2	Frame	pinewood. height: 8 5/8" gasket: 3 pcs
3	Ladder	pinewood ladder width: 15" stringer height: 3 1/8" distance between steps: 9 7/8".
4	Steps	made of pinewood, equipped with anti-slip profile. step width: 3 1/8" thickness: 7/8" length: 13 3/4"
5	Standard Accessories	handrail in red colour. plastic ends. control rod for opening the hatch.

III. DIMENSIONS

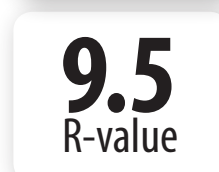
No.	Rough Opening	Room height
1	22,5" x 47"	7'5" - 8'11"
2	25" x 47"	
3	22,5" x 54"	7'11 1/2" – 10'1"
4	25" x 54"	
5	30" x 54"	

IV. TECHNICAL PARAMETERS

Maximum loading	300 lbs
Heat transfer coefficient	R-value: 9.5
Fire rating:	
ASTM E119	43 min
NFPA 288	30 min

V. COMPATIBLE ACCESSORIES

Ladder Balustrade LXB-U	The balustrade is available in one standard size 30"x54" for all attic ladders.
Metal handrail LXH	While ordering handrail please provide attic ladder type
Installation brackets LXX	Maximum ceiling 17"
Wooden trim LXL-P, LXL-W	The trims are available in one size 30"x54" for smaller sizes have to be cut.
PCV trim LXL-PVC	The trims are available in one size 30"x54" for smaller sizes have to be cut.
Box extension LXN	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 3/4".



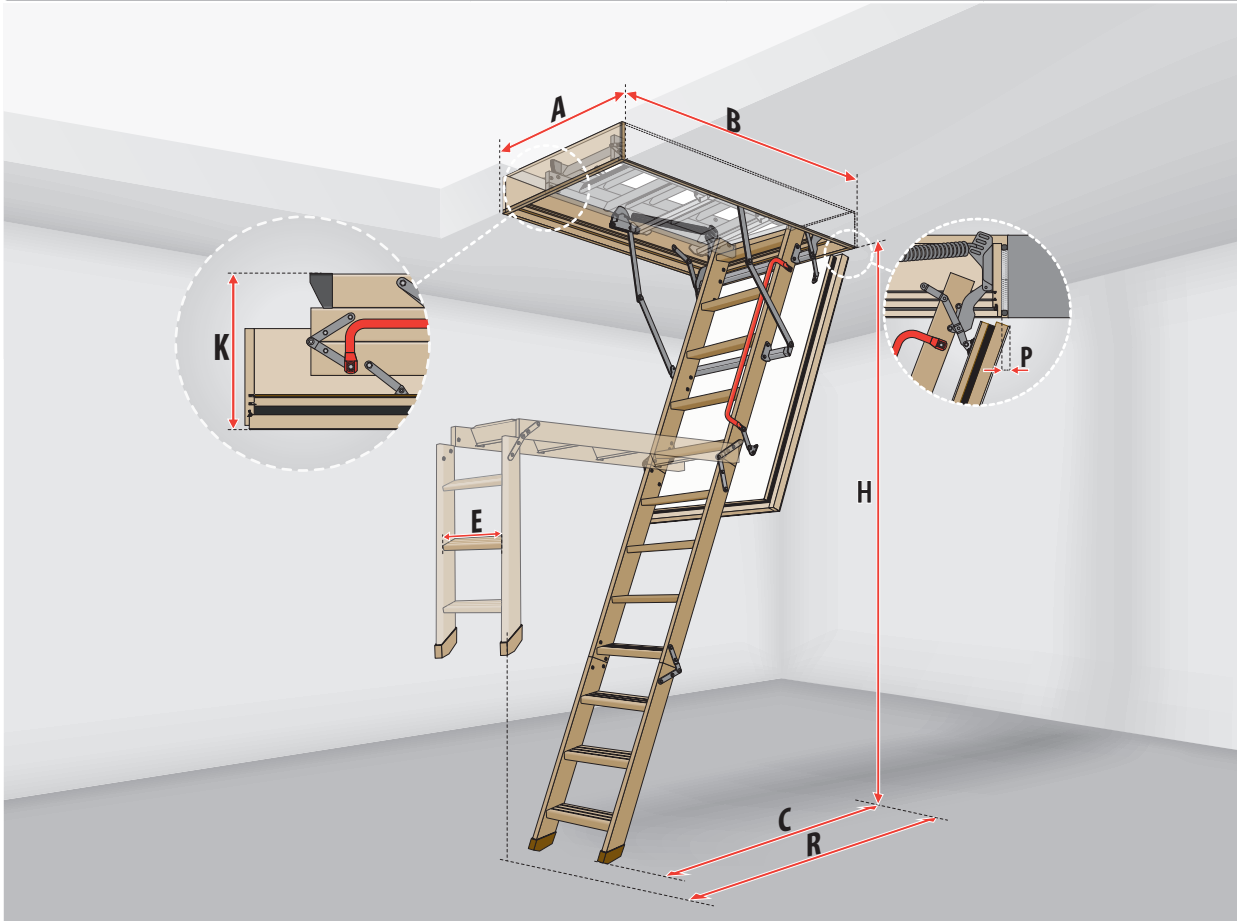
VI. ASSEMBLY INFORMATION

The **LWF** Attic Ladder requires screwing side elements of the supports which for transport purposes are unscrewed. New design of the loft ladder (hatch fastened by means of special the so-called "clicks") allows for easy and quick installation without the need for entering the attic. 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



LWF		22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Ceiling height	H	7'5" - 8'11"		7'11½" - 10'1"		
Rough opening	AxB	22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x46⅝"	24½"x46⅝"	22"x53½"	24½"x53½"	29½"x53½"
Internal dimensions		20½" x44⅞"	23" x44⅞"	20½" x51¾"	23" x51¾"	28" x51¾"
Projection	R	67"		73¼"		
Landing space	C	59"		65¾"		
Folded ladder height	K	15"				
Frame height		8 ⅝"				