

# TECHNICAL SPECIFICATION

## ATTIC LADDER LWF 60

### I. APPLICATION

The **LWF60** model is a new-generation attic ladder that provides convenient access to unused space in the attic. At the same time, it offers 60 minutes of fire protection (1-hour rating in accordance with NFPA 288 and ASTM E119-14).

### II. STRUCTURE

No.	Element	Description
1	Hatch	Insulated, sandwich type, white thickness: 3 3/8". Thermal insulation thickness: 3 1/8". No lock – unloading mechanism presses the hatch to the box, opening with use of a control rod. Equipped with a gasket that expands under extreme heat.
2	Frame	Pinewood. Height: 8 7/8". Gasket: 3pcs.
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 depth: 3 1/8". Step thickness: 7/8". Step width: 13 1/4".
5	Standard Accessories	Red handrail (LXH) to ensure a secure grip. Metal ends (LXS-W) with rubber caps to protect the floor. Control rod to operate the hatch from below.

### III. DIMENSIONS

No.	Rough Opening	Room height
1	22 1/2" x 47"	7'8 1/2" - 9'2"
2	25" x 47"	
3	22 1/2" x 54"	7'11 1/4" - 10'1"
4	25" x 54"	
5	30" x 54"	

### IV. TECHNICAL PARAMETERS

Maximum loading	375 lbs
Heat transfer coefficient	R-value: 12
Fire rating:	
ASTM E119-14 NFPA 288	60 min

### V. COMPATIBLE ACCESSORIES

Ladder Balustrade LXB-U	The balustrade is available in one standard size 30"x54" for all attic ladders.
Wooden trim LXL-W	The trims are available in size 30"x56.5" for smaller sizes have to be cut.
PCV trim LXL-PVC	The trims are available in size 30"x56.5" for smaller sizes have to be cut.
Box extension LXN-B	The standard box height is 4". While ordering the LXN please provide ladder type and size.
Upper hatch LXW-B	The height of the upper hatch box is 7 3/4".
Metal handrail LXH	While ordering handrail please provide attic ladder type. Handrail can be mounted on the left or right side of ladder.
Installation brackets LXX	Maximum ceiling 17"
Unloading mechanism LXM-W	The unloading mechanism is available for sizes 25x..., 30x...



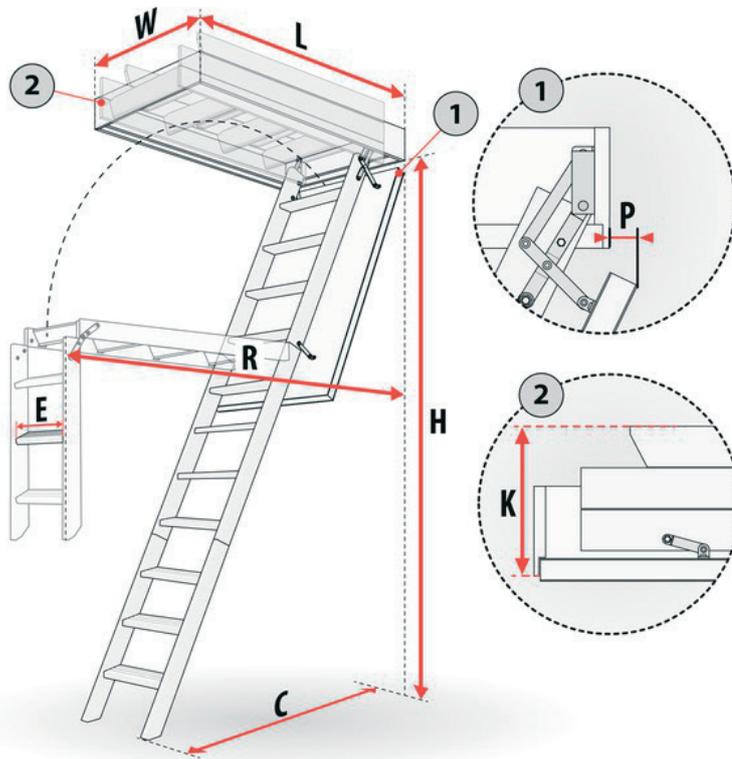
## VI. ASSEMBLY INFORMATION

The attic ladder should be installed in the load-bearing structure with a fire-resistance at least equal to a fire-resistance of the attic ladder. The gap between attic ladder box and load-bearing structure should be filled with a fire-resistant materials, according to the fitting instruction. The **LWF60** attic ladder requires screwing side elements of the supports which for transport purposes are unscrewed. 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:** <https://www.fakrousa.com/installers/installation-instructions/>

**Installation movies:** <https://www.fakrousa.com/installers/installation-videos/installation-videos-for-attic-ladders/>

## VII.DETAILED DIMENSIONS



<b>LWF 60</b>		22 1/2 x 47	25 x 47	22 1/2 x 54	25 x 54	30 x 54
<b>Manufacturer's part number</b>		<b>869151</b>	<b>869152</b>	<b>869153</b>	<b>869154</b>	<b>869155</b>
Ceiling height	H	7'8 1/2" - 9'2"		7'11 1/4" - 10'1"		
Rough opening	A x B	22 1/2" x 47"	25" x 47"	22 1/2" x 54"	25" x 54"	30" x 54"
Outside frame dimensions	W x L	22" x 46 5/8"	24 1/2" x 46 5/8"	22" x 53 1/2"	24 1/2" x 53 1/2"	29 1/2" x 53 1/2"
Internal frame dimensions		20 1/2" x 44 7/8"	23" x 44 7/8"	20 1/2" x 51 3/4"	23" x 51 3/4"	28" x 51 3/4"
Frame height		8 7/8"				
Folded ladder height	K	15"				
Projection	R	65"		71"		
Landing space	C	51"		55"		
Board movement after opening	P	2"				
Step width	E	13 3/8"				
Step depth		3 1/8"				
Step thickness		7/8"				
Distance between steps		9 7/8"				
Approx. Weight (lbs)		95,9	104,1	108	114	126,1