

TECHNICAL SPECIFICATION

ATTIC LADDER LMF 60

I. APPLICATION

The LMF60 model is a new generation attic ladder that provides access to unused space in the attic, and at the same time functions as a fire protection for 60 minutes (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	Metal Ladder width: 15" Stringer height: 3 1/8" Distance between steps 9 7/8"
4	Steps	Metal, equipped with anti-slip profile. Step width: 3 1/8" Length: 13 3/8"
5	Standard Accessories	Adjustable ends with rubber caps. Installation brackets. Metal handrail. Wooden rod

III. DIMENSIONS

No.	Rough Opening	Room height
1	22.5" x 54"	7'8" – 10'1"
2	25" x 54"	
3	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".
Unloading mechanism LXM-M	The unloading mechanism is available for sizes 25x..., 30x...



12
R-value

375
lbs

MAX. LOADING
IN ACCORDANCE WITH ANSI

QAI
Quality Auditing Institute
c US

60

Minutes Rating
NFPA 288 ASTM E119

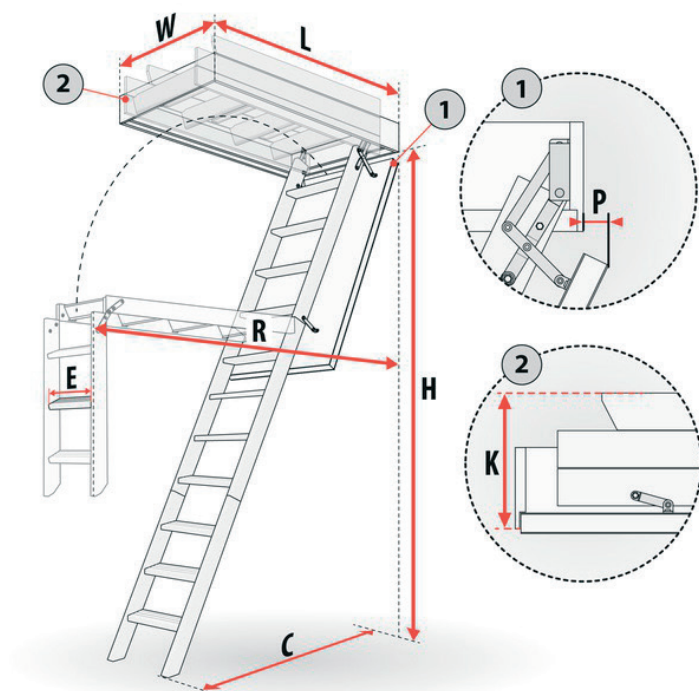
VI. ASSEMBLY INFORMATION

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 LMF60 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



				
LMF 60		22 ½ x 54	25 x 54	30 x 54
Manufacturer's part number		869235	869236	869237
Ceiling height	H	7'8" - 10'1"		
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 dimensions	MxN	20 ½" x 51 ¾"	22 ⅞" x 51 ¾"	28" x 51 ¾"
Projection	R	67"		
Landing space	C	51"		
Folded ladder height	K	16"		
Board movement after opening	P	2"		
Distance between steps	G	9 ⅞"		
Frame height		8 ⅞"		
Approx. Weight (lbs)		111	115	126