

TECHNICAL SPECIFICATION

ATTIC LADDER LSF

I. APPLICATION

LSF is a fire rated scissor attic ladder designed to provide safe and easy access to non-inhabited spaces. It eliminates a need for installing more expensive and space consuming staircases. Fire rated scissors metal model **LSF** for building codes require fire protections.

II. STRUCTURE

No.	Element	Description
1	Hatch	insulated, fire-resistant white hatch thickness: 2 $\frac{3}{8}$ " thermal insulation thickness: 1 $\frac{1}{8}$ " hatch equipped with a lock.
2	Frame	metal ladder box with metal trim and quick-installation brackets included. height: 5 $\frac{1}{2}$ "
3	Ladder	metal scissor ladder
4	Steps	metal, equipped with anti-slip profile. step width: 3 $\frac{1}{8}$ " length: 11 $\frac{7}{8}$ ", 12 $\frac{5}{8}$ "
5	Standard Accessories	control rod for opening the hatch

III. DIMENSIONS

No.	Rough Opening	Room height
1	22" x 47"	8' 10 $\frac{1}{8}$ " - 9' 10"
2	25" x 47"	

IV. TECHNICAL PARAMETERS

Maximum loading	300 lbs
Fire Rated	EI2 = 60 min

V. COMPATIBLE ACCESSORIES

Ladder Balustrade LXB-U	The balustrade is available in one standard size 30"x54" for all attic ladders.
LSS additional step	To increase the length of the LSF ladder you can use an extra step: LSS-30 for size 22/47, LSS-32 for size 25/47.



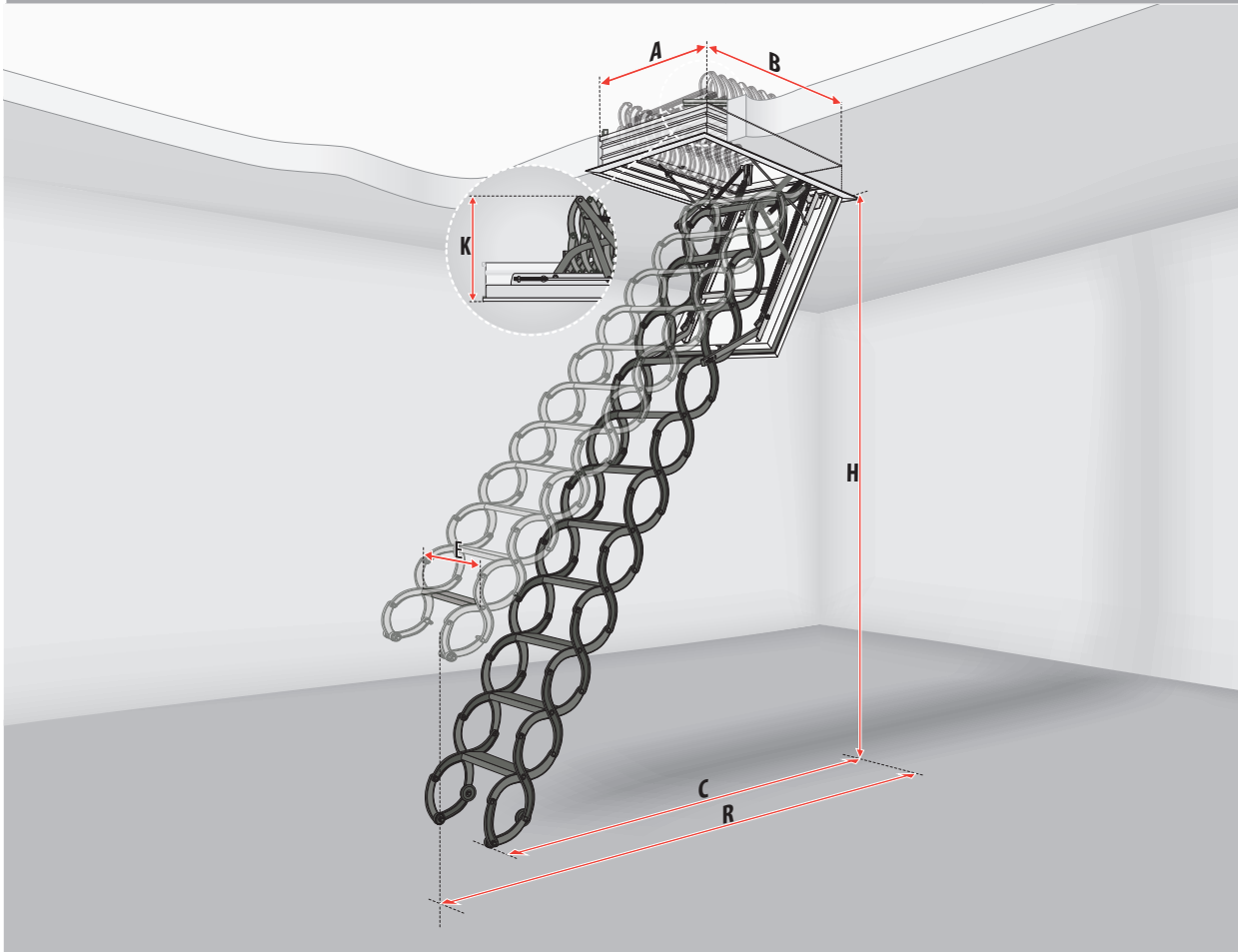
VI. ASSEMBLY INFORMATION

The LSF Attic Ladder is delivered to the customer **fully assembled** and does not require any pre-installation work. 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



			2 steps removed		1 step removed		standard length of ladder (10 steps)		1 additional step		
LSF		22x47	25x47								
Ceiling height	H	9'¼" - 9'10"		7'10½"	8'2¾"	8'2¾"	9'¼"	9'¼"	9'10"	10'6"	
Rough opening	AxB	22½"x47"	25"x47"	Ladder dimensions are equal to all sizes.							
Outside frame dimensions		22"x46⅝"	24½"x46⅝"								
Outside frame dimensions including trim		24½"x49"	27"x49"								
Internal dimensions		20"x45¼"	22½"x45¼"								
Projection	R	80¾" - 70"		59"	57"	74⅞"	62¼"	80¾"	70"	85"	76"
Landing space	C	68⅞" - 49⅝"		43¾"	39¼"	63"	41¾"	68⅞"	49⅝"	74¾"	58⅝"
Folded ladder height	K	17¾"									
Frame height		5½"									
Step length	E	11⅞"	12⅝"								
Step width		3⅝"									
Possibility of adding additional steps		LSS-30	LSS-32								