

# TECHNICAL SPECIFICATION

## ATTIC LADDER LST

### I. APPLICATION

LST is an insulated 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. Insulated scissor model LST is recommended for garages, inside houses, projects with insulation requirements.

### II. STRUCTURE

No.	Element	Description
1	Hatch	insulated, sandwich type, white thickness: 1 $\frac{3}{8}$ " thermal insulation thickness: 1 $\frac{1}{8}$ " no lock – unloading mechanism automatically presses the hatch to the box, opening with the use of a control rod
2	Frame	pinewood ladder box with metal trim and quick-installation brackets included. height: 7 $\frac{3}{8}$ " gasket: 1 pcs
3	Ladder	metal scissor ladder
4	Steps	metal, equipped with anti-slip profile. tread width: 3 $\frac{1}{8}$ " length: 11 $\frac{7}{8}$ ", 15"
5	Standard Accessories	control rod for opening the hatch white metal trim installation brackets

### III. DIMENSIONS

No.	Rough Opening	Room height
1	22" x 31"	8'2 $\frac{3}{8}$ " - 9'2 $\frac{1}{4}$ "
2	27" x 31"	
3	22" x 47"	
4	25" x 47"	
5	22" x 54"	
6	25" x 54"	

### IV. TECHNICAL PARAMETERS

Maximum loading	300 lbs
Heat transfer coefficient	R-value: 5.2

### V. COMPATIBLE ACCESSORIES

Ladder Balustrade LXB-U	The balustrade is available in one standard size 30"x54" for all attic ladders.
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 $\frac{3}{4}$ ". For the LST model ladder, the extension box should be installed prior to the upper hatch.
LSS additional step	To increase the length of the ladder you can use an extra step: LSS-38 for size 27/31, LSS-31 for sizes: 22/31, 22/47, 22/54, 25/47, 25/54.



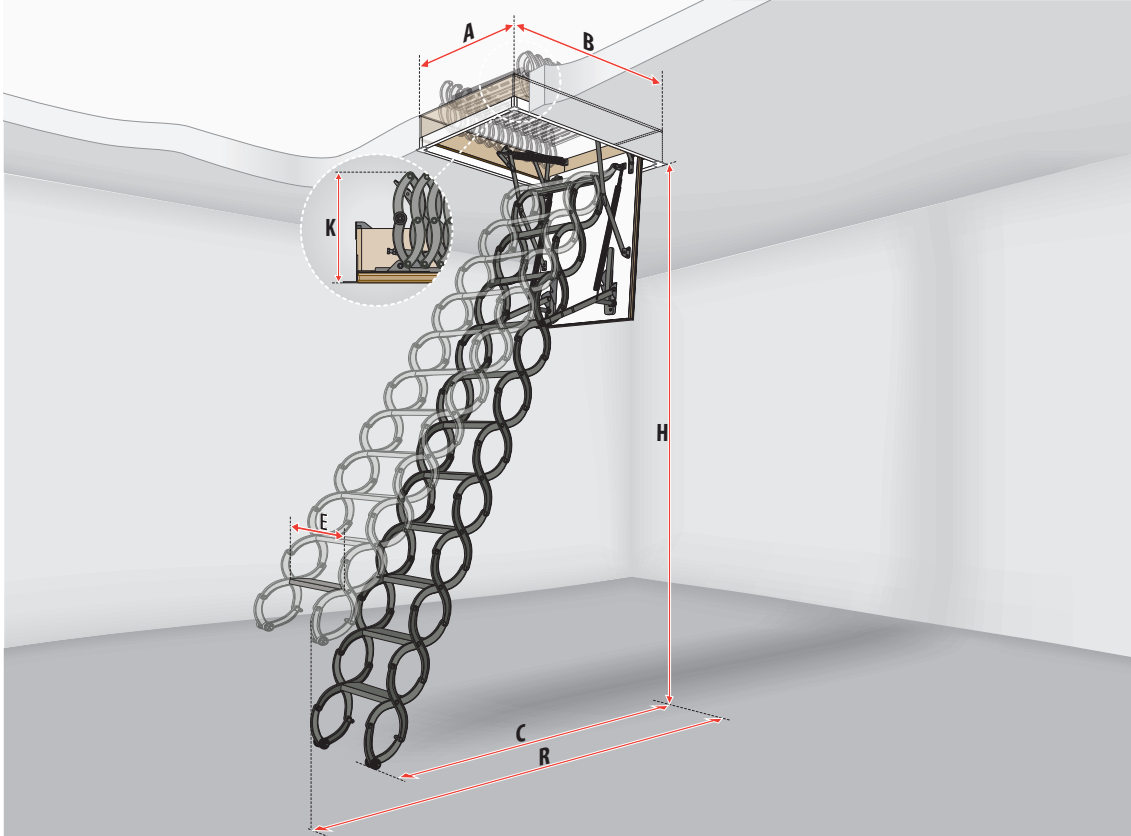
**5.2**  
R-value

## VI. ASSEMBLY INFORMATION

The **LST** 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



								1 step removed		standard length of ladder (11 steps)		1 additional step		2 additional steps		
<b>LST</b>		22x31	27x31	22x47	25x47	22x54	25x54									
Ceiling height	H	8'2 <sup>3</sup> / <sub>8</sub> " – 9'2 <sup>1</sup> / <sub>4</sub> "						7'6 <sup>1</sup> / <sub>2</sub> "	8'2 <sup>3</sup> / <sub>8</sub> "	8'2 <sup>3</sup> / <sub>8</sub> "	9'2 <sup>1</sup> / <sub>4</sub> "	9'2 <sup>1</sup> / <sub>4</sub> "	9'10 <sup>1</sup> / <sub>8</sub> "	9'10 <sup>1</sup> / <sub>8</sub> "	10'10"	10'10"
Rough opening	AxB	22 <sup>1</sup> / <sub>2</sub> "x31 <sup>1</sup> / <sub>2</sub> "	27 <sup>1</sup> / <sub>2</sub> "x31 <sup>1</sup> / <sub>2</sub> "	22 <sup>1</sup> / <sub>2</sub> "x47"	25"x47"	22 <sup>1</sup> / <sub>2</sub> "x54"	25"x54"	Ladder dimensions are equal to all sizes.								
Outside frame dimensions		22"x31 <sup>1</sup> / <sub>4</sub> "	27"x31 <sup>1</sup> / <sub>4</sub> "	22"x46 <sup>5</sup> / <sub>8</sub> "	24 <sup>1</sup> / <sub>2</sub> "x46 <sup>5</sup> / <sub>8</sub> "	22"x53 <sup>3</sup> / <sub>4</sub> "	24 <sup>1</sup> / <sub>2</sub> "x53 <sup>3</sup> / <sub>4</sub> "									
Outside frame dimensions including trim		24 <sup>3</sup> / <sub>8</sub> "x33 <sup>1</sup> / <sub>4</sub> "	29 <sup>1</sup> / <sub>8</sub> "x33 <sup>1</sup> / <sub>4</sub> "	24 <sup>3</sup> / <sub>8</sub> "x49"	26 <sup>3</sup> / <sub>4</sub> "x49"	24 <sup>3</sup> / <sub>8</sub> "x55 <sup>3</sup> / <sub>4</sub> "	26 <sup>3</sup> / <sub>4</sub> "x55 <sup>3</sup> / <sub>4</sub> "									
Internal dimensions		16"x29 <sup>1</sup> / <sub>8</sub> "	21 <sup>1</sup> / <sub>4</sub> "x29 <sup>1</sup> / <sub>8</sub> "	16 <sup>1</sup> / <sub>2</sub> "x45"	19"x45"	16 <sup>1</sup> / <sub>2</sub> "x51 <sup>3</sup> / <sub>4</sub> "	19"x51 <sup>3</sup> / <sub>4</sub> "									
Projection	R	59"						55 <sup>1</sup> / <sub>8</sub> "	59"	63"	67"					
Landing space	C	57 <sup>1</sup> / <sub>2</sub> " – 52 <sup>3</sup> / <sub>4</sub> "						53 <sup>1</sup> / <sub>8</sub> "	51 <sup>5</sup> / <sub>8</sub> "	57 <sup>1</sup> / <sub>2</sub> "	52 <sup>3</sup> / <sub>4</sub> "	59"	57 <sup>1</sup> / <sub>8</sub> "	63"	59"	
Folded ladder height	K	15"														
Frame height		7 <sup>5</sup> / <sub>8</sub> "														
Step length	E	11 <sup>7</sup> / <sub>8</sub> "	15"				11 <sup>7</sup> / <sub>8</sub> "									
Step width		3 <sup>1</sup> / <sub>8</sub> "														
Possibility of adding additional steps		LSS-31	LSS-38				LSS-31									