


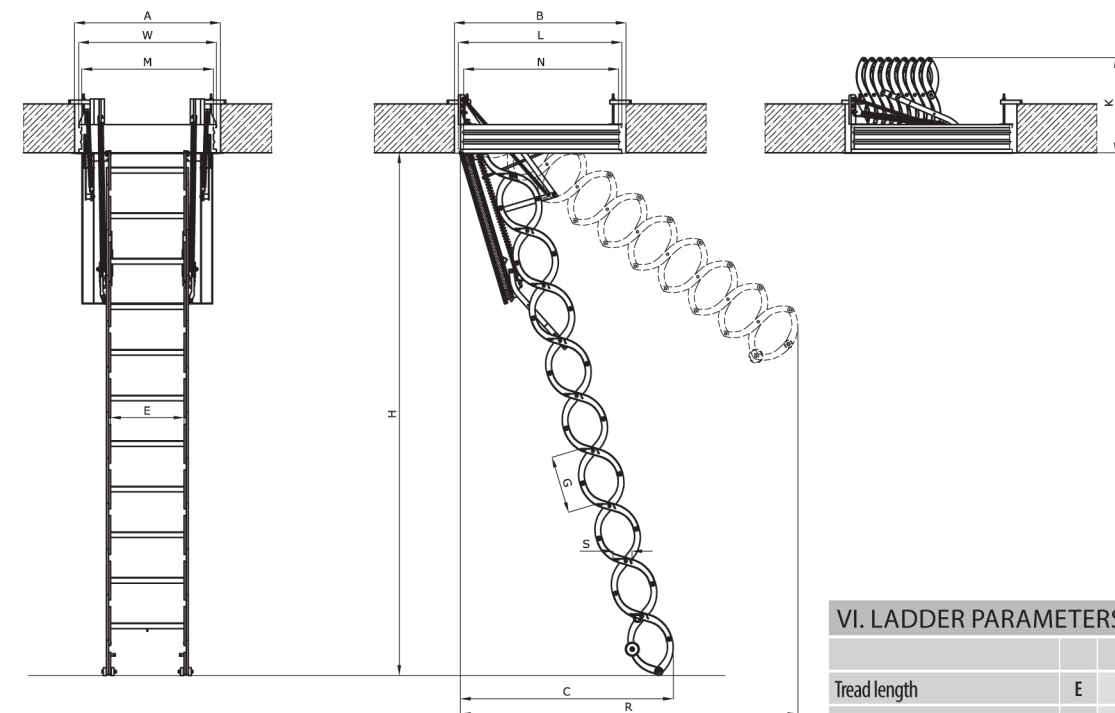
TECHNICAL SPECIFICATION

LSF FIRE-RESISTANT SCISSOR LOFT LADDER



LOFT LADDER TYPE	LSF
	 <p>Compliant with EN14975 classification as per EN 13501-2</p>
I. APPLICATION	
Room height [cm]	300
Installation	- fully assembled product - quick mounting system in the ceiling (installation brackets)
II. FEATURES	
Box	metal
Hatch	fire-resistant
Hatch colour	white
Lock	+
Unloading mechanism	-
Ladder	metal, length of the ladder adjusted to the room height
Seal	expanding seal
Treads	anti-slip, possibility to remove or add tread
Handrail	-
Finishing trims	metal integrated with a steel framework
Stile ends	-
III. TECHNICAL PARAMETERS	
Heat transfer coefficient U*	1.8 W/m ² K
Thermal insulation thickness	3 cm
Hatch thickness	5.4 cm
Maximum loading	200 kg
Fire-resistance	E _{l2} =60min
IV. OPTIONS	
Accessories	- balustrade

V. LOFT LADDER DIAGRAM



VI. LADDER PARAMETERS

		50x...	60x...	70x...
Tread length	E	30 cm	32 cm	40 cm
Tread width	S		8 cm	
Distance between treads	G		25-30 cm	
Standard number of treads [unit]	Z		10	

VII. TECHNICAL PARAMETERS FOR LOFT LADDERS IN PARTICULAR SIZES

Ceiling opening dimensions [cm]	AxB	50x70	60x90	60x120	70x80	70x90	70x110	70x120	Ladder shorter by 2 treads (8 treads)	Ladder shorter by 1 tread (9 treads)	Standard ladder (10 treads)	Ladder longer by 1 tread (11 treads)				
Room height [cm]	H								240	245	245	275	275	300	300	320
Box external dimensions [cm]	WxL	49x68.5	59x88.5	59x118.5	69x78.5	69x88.5	69x108.5	69x118.5	Sizes of loft ladders and dimensions not included in the table are the same as for loft ladders with a height of 275 - 300cm							
Box internal dimensions [cm]	MxN	44.8x64.8	54.8x84.8	54.8x114.8	64.8x74.8	64.8x84.8	64.8x104.8	64.8x114.8								
Height of folded ladder [cm]	K	46														
Swing space [cm]	R	170-180														
Distance after ladder unfolding [cm]	C	165-130														
Box height [cm]		14							150	145	190	158	205	178	216	193
									111	101	160	106	175	126	189	149
									14							

* manufacturer's internal calculations

* Treads LSS-30, LSS-32, LSS-40.
When ordering treads it is necessary to provide the dimensions of the loft ladder aperture