

# TECHNICAL SPECIFICATION

## LOFT LADDER LET Electric

### I. APPLICATION

The **LET Electric** is the first model of FAKRO electrically operated loft ladders. It provides the highest comfort of use and is operated using one of two available control sets: Z-Wave or WiFi.

Each control set is additionally equipped with a standard wall switch. The LET loft ladder ensures excellent insulation performance and high workmanship. It is mandatory to purchase a control set for the loft ladder.

### II. STRUCTURE

No.	Element	Description
1	Hatch	Sandwich type with a thickness of 8 cm. Thermal insulation thickness: 7.4 cm. Finished on both sides with white HDF board and ABS veneer.
2	Box	Made of pinewood lacquered in white. Height: 28.5cm. Equipped with three seals.
3	Ladder	Metal scissors. Scissors ladder folding system. Width: 34 cm for size of 60x..., 42cm for size of 70x..., Distance between treads: 24-26 cm.
4	Treads	Metal. Anti-slip profile. Tread width: 8 cm. Tread length: 30 cm for size of 60x..., 38 cm for size of 70x...
5	Standard equipment	Actuator. Quick installation brackets. Finishing slats integrated with metal framework. Rod for opening the hatch.

### III. SIZES

Size	Room height
60 x 120 cm	270-290 cm
60 x 130 cm	
60 x 140 cm	
70 x 120 cm	
70 x 130 cm	
70 x 140 cm	

### IV. TECHNICAL PARAMETERS

Description	Value	Standard
Maximum loading	200 kg	EN 14975+A1:2010
Heat transfer coefficient	$U = 0,51 \text{ W/m}^2\text{K}^*$	EN ISO 12567-1
Tightness class	4*	EN12207

\* manufacturer's internal testing



**Accessories compatibility table:**



## V. COMPATIBLE ACCESSORIES

The LET loft ladder can be customised to non-standard room height by adding or removing two treads. Below is the acceptable range of supported room height depending on the number of treads and the corresponding variable technical parameters.

Possible for LET loft ladder sized : ...  
x130cm and ...x140cm

Possible for LET loft ladder sized:  
...x140cm

	Ladder shorter by 2 treads (10 treads)	Ladder shorter by 1 tread (11 treads)	Standard ladder (12 treads)	Ladder longer by 1 tread	Ladder longer by 2 treads
Room height H min-max [cm]	225-245	245-270	270-290	290-315	315-340
Swing space R [cm]	145	155	165	176	186
Distance after ladder unfolding C max-min [cm]	135-125	148-135	158-147	167-155	175-163


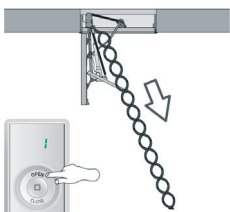



In order to adapt the loft ladder to a greater height than the standard 290 cm, an additional one or two LSS-L treads must be purchased. The LSS-L60 tread is compatible with loft ladders having a width of 60 cm, while the LSS-L70 tread is suitable for loft ladders featuring a width of 70 cm.

Tread	LSS-L60	LSS-L70
Loft ladder width LET [cm]	60	70
Code	860209	860208

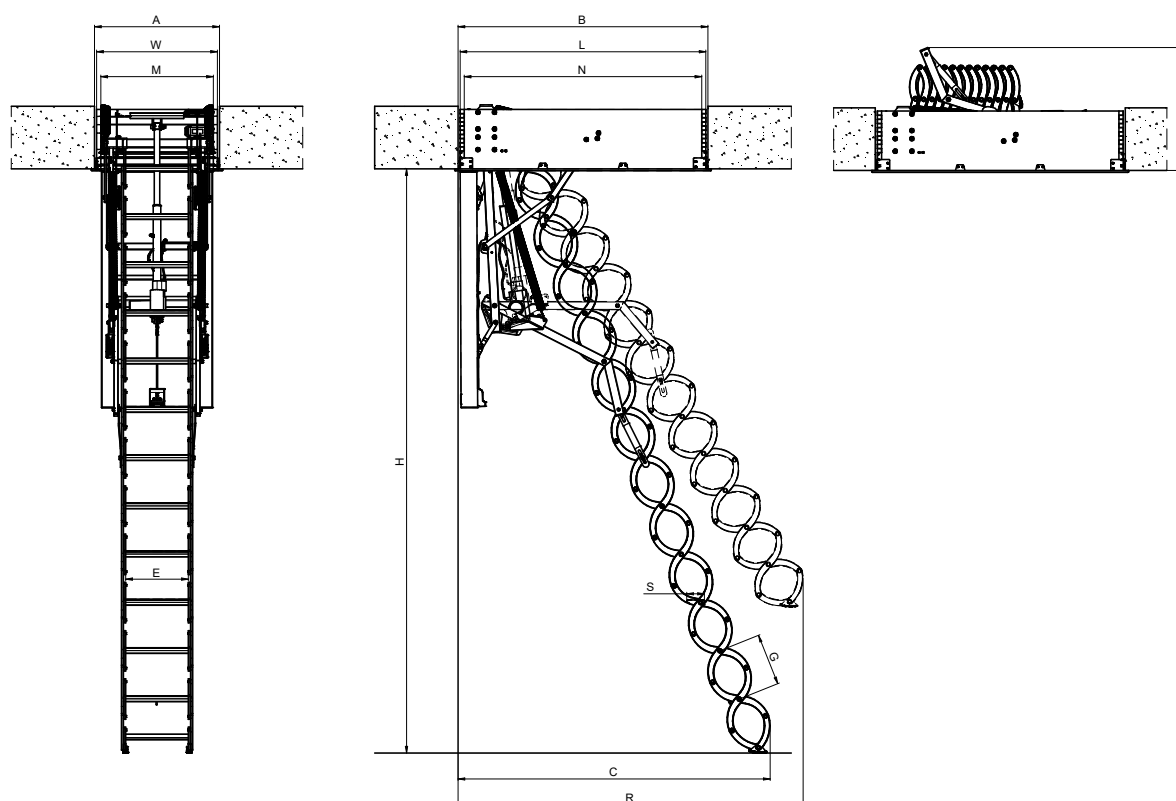
Symbol	Name	Notes
LXB-P	Balustrade	-
LXN	Box extension	Loft ladder box is white, box extension in natural wood
LXW	Upper hatch	Loft ladder box is white, upper hatch in natural wood

## VI. CONTROL SETS

When ordering the LET loft ladder, it is also **obligatory** to purchase one of the offered control modules without the use of which the loft ladder cannot be operated:

<p><b>ZWMS control set</b> allows direct control of the loft ladder using the ZRHS remote control (included in the set)</p> 		<p>Both sets come with two potential-free inputs for wired control by means of a wall switch combined with a switch to lock the loft ladder (supplied with each set).</p> 
<p><b>ZTMS control set</b> allows direct control of the loft ladder using any smartphone with dedicated app.</p> 		

## VII. DETAILED DIMENSIONS



### LOFT LADDER DIMENSIONS LET Electric

		Standard ladder length					
Ceiling opening dimensions [cm]	AxB	60x120	60x130	60x140	70x120	70x130	70x140
Room height [cm]	H	270 - 290					
Outside box dimensions [cm]	WxL	59.2x119.2	59.2x129.2	59.2x139.2	69.2x119.2	69.2x129.2	69.2x139.2
Outside box dimensions with slats [cm]		63.2x123.2	63.2x133.2	63.2x143.2	73.2x123.2	73.2x133.2	73.2x143.2
Inside box dimensions [cm]	MxN	54x114	54x124	54x134	64x114	64x124	64x134
Folded loft ladder height [cm]	K	60					
Swing space [cm]	R	165					
Distance after ladder unfolding [cm]	C	158 - 147					
Tread length [cm]	E	30			38		
Tread width [cm]	S	8					
Distance between treads [cm]	G	24 - 26					
Standard number of treads [pcs.]		12					

Accessories compatibility table:

