

WOODEN
LOFT LADDERS



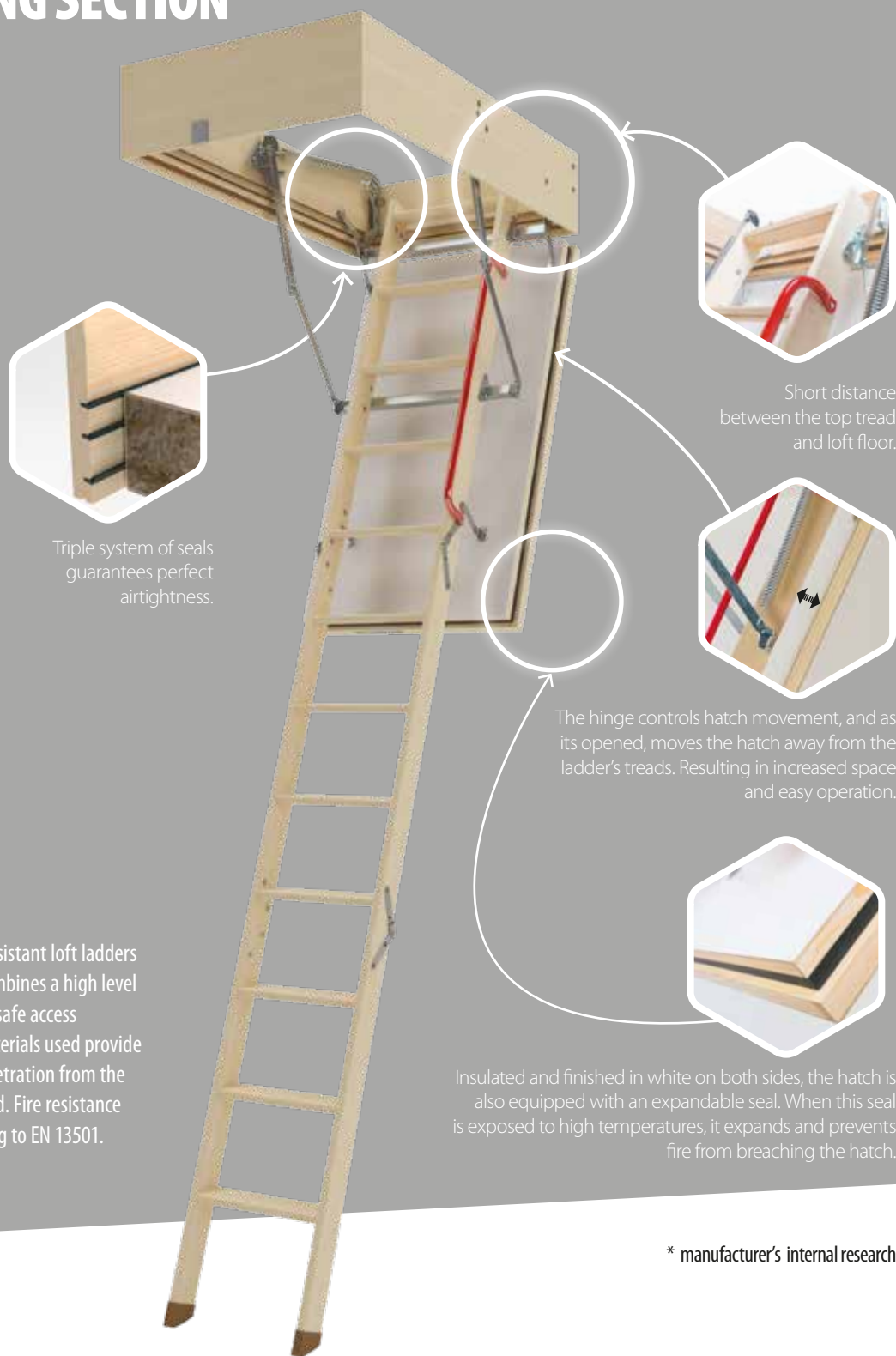
LOFT LADDERS WITH WOODEN FOLDING SECTION

LWF

60



The **LWF 60**, a new generation of fire resistant loft ladders with wooden ladder which perfectly combines a high level of fire protection with comfortable and safe access to the loft. Special hatch design and materials used provide a 60-minute protection against fire penetration from the space where the loft ladder was installed. Fire resistance class EI₁ 60/EI₂ 60, classification according to EN 13501.



Triple system of seals guarantees perfect airtightness.



Short distance between the top tread and loft floor.



The hinge controls hatch movement, and as its opened, moves the hatch away from the ladder's treads. Resulting in increased space and easy operation.



Insulated and finished in white on both sides, the hatch is also equipped with an expandable seal. When this seal is exposed to high temperatures, it expands and prevents fire from breaching the hatch.

* manufacturer's internal research



stile ends (only in 3-section version)



fire resistant hatch on one side



three seals



handrail



non-slip treads set flush with ladder strings



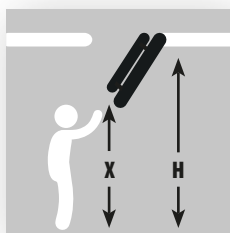
possibility of installing additional accessories pages 56-61

Technical specification:
maximum load of 160 kg
loft ladder heat transmission coefficient $U = 0.64 \text{ W/m}^2\text{K}$
Fire resistance class EI₁/EI₂ = 60 minutes
insulation thickness 7.9 cm
hatch thickness 8.5 cm

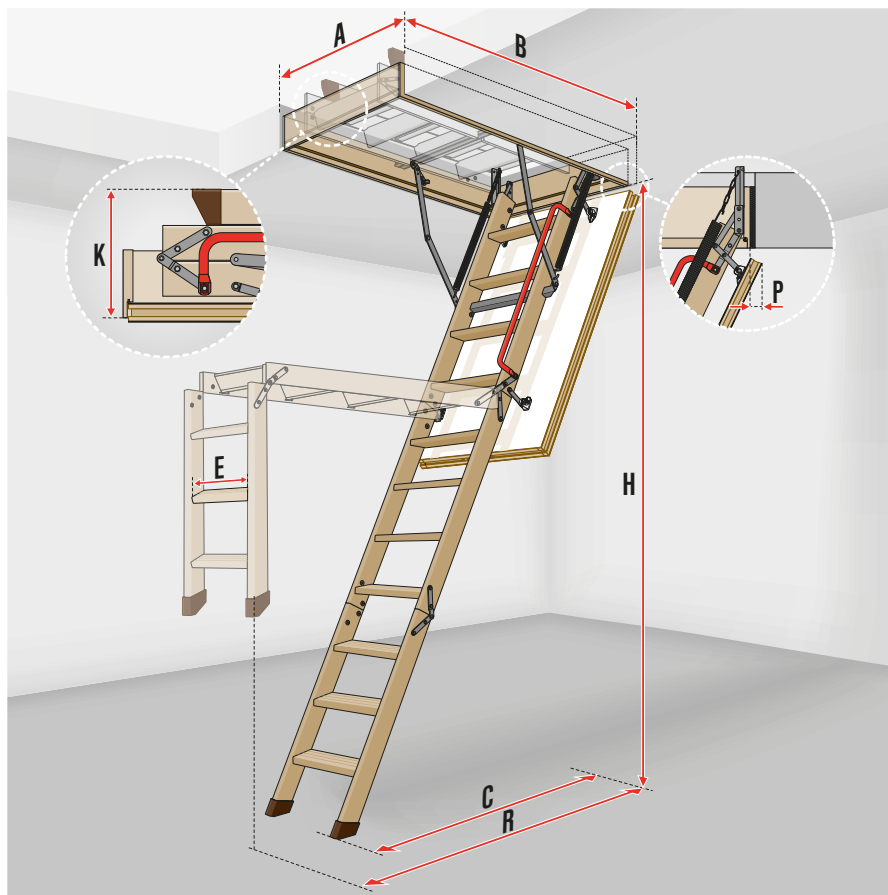
fully assembled,
and ready for quick
installation in the ceiling



LWF 60 LOFT LADDER DIAGRAM



i 3-segment ladder can be equipped with the LXM ladder unloading mechanism (page 60), so that the ladder can be fully operated with a rod



LWF 60 LOFT LADDER DIMENSIONS

Ceiling opening dimensions [cm]	AxB	55x100	55x120	60x100	70x100	60x120	70x120	70x130	70x140	86x130	55x130	70x130	70x140	86x130	
Maximum room height [cm]	H	280										305			
Minimum room height [cm]*	H _{min.}	253				234				242					
Height to be reached to operate the ladder [cm]	X	235				210				230					
Box external dimensions [cm]		53x98	53x118	58x98	68x98	58x118	68x118	68x128	68x138	84x128	53x128	68x128	68x138	84x128	
Internal box dimensions [cm]		49x94	49x114	54x94	64x94	54x114	64x114	64x124	64x134	80x124	49x124	64x124	64x134	80x124	
Folded ladder height [cm]	K	46								38					
Swing space [cm]	R	138				164				178					
Distance after ladder unfolding [cm]	C	126				129				139					
Hatch retraction after opening [cm]	P									5					
Box height [cm]										22.5					
Number of segments		4								3					

LADDER PARAMETERS

Tread length [cm]	E	30	34						30	34
Tread width [cm]										8
Distance between treads [cm]										25
Tread thickness [cm]										2

* for rooms lower than the maximum standard height H please adjust the length of the ladder according to the assembly instructions

Commercial sizes [cm]		55x100	55x120	60x100	70x100	60x120	70x120	70x130	70x140	86x130	55x130	70x130	70x140	86x130	
Room height [cm]	H	280										305			
Code		869G20	869G22	869G06	869G16	869G01	869G11	869G12	869G13	869G96	869G57	869G53	869G54	869G97	

Ladders are available only in sizes shown above.