

SMART ATTIC LADDERS

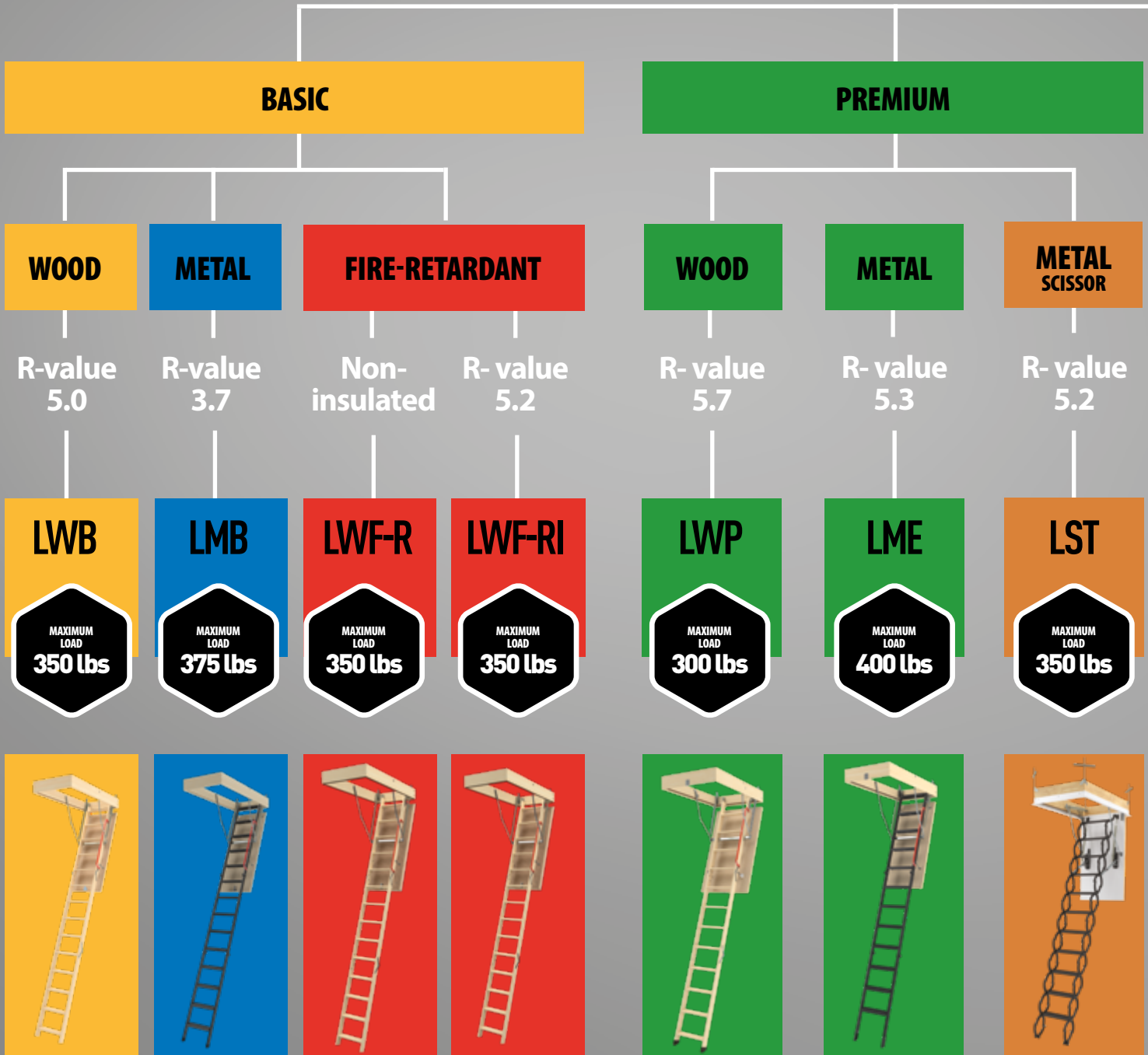
2024/2025



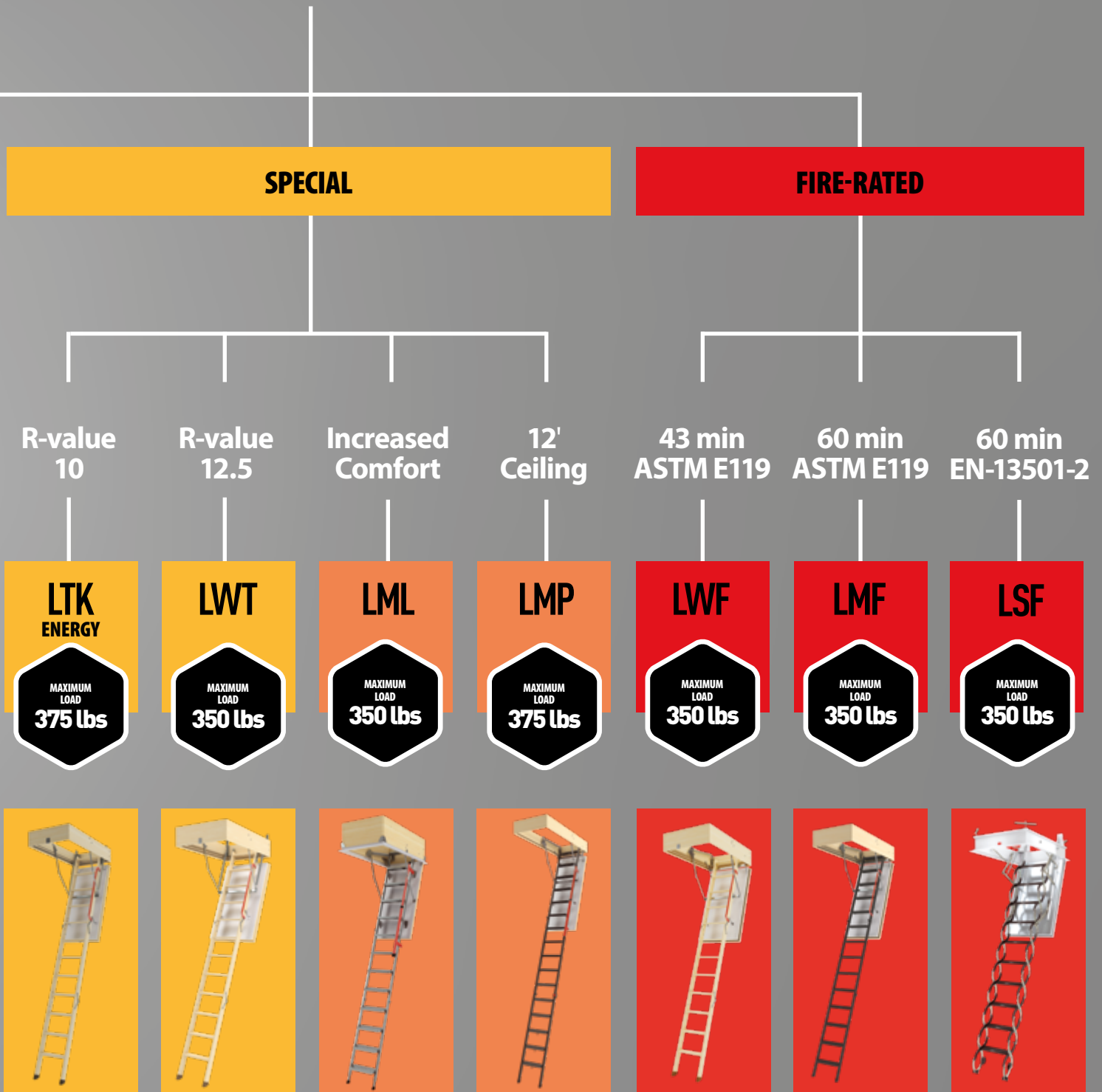
**Wide
selection**

fire-rated
high-ceiling
thermo

FAKRO®



HOW TO CHOOSE AN ATTIC LADDER?



WOODEN FOLDING ATTIC LADDERS



UPGRADED

WOODEN FOLDING ATTIC LADDER

FEATURES



insulated door ready for paint



weather seal gasket



non-slip steps



handrail



additional accessories available – pages 35-38



1 year warranty



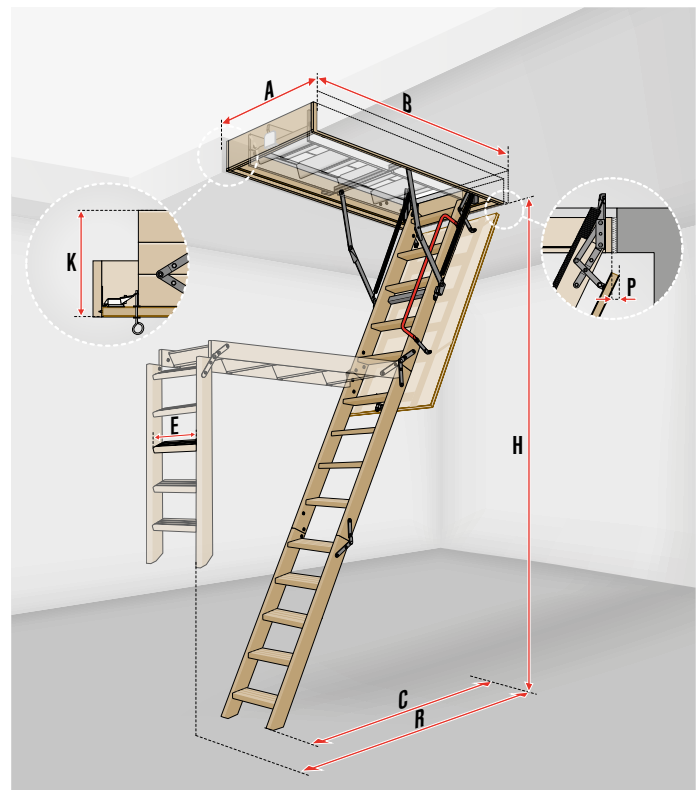
LWB
INSULATED

The **LWB** model is an insulated attic ladder built from pine wood. It provides easy access to attics without the hassle of using a big step ladder. Each ladder is equipped with a handrail, a door that keeps out the cold, and a special seal that prevents heat loss.

maximum capacity: 350 lbs
hatch thickness: 1 3/8"

ATTIC LADDER DIMENSIONS

LWB		22½"x54"	25"x54"	30"x54"
Manufacturer's part number		869193	869194	869195
Ceiling height	H	8' – 10'4"		
Rough opening	AxB	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x53"	24½"x53½"	29½"x53½"
Inside frame dimensions		20½"x51¾"	23" x 51¾"	28"x51¾"
Projection	R	67 1/8"		
Landing space	C	50 1/8"		
Folded ladder height	K	10 7/8"		
Board movement after opening	P	1 1/2"		
Frame height		5 1/2"		
Approx. Weight (lbs)		62,5	64	67
Step width	E	13 3/8"		
Step depth		3 1/8"		
Step thickness		7/8"		
Distance between steps	G	9 7/8"		



Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

UPGRADED

LWP
INSULATED

5.7
R-value

max
300
lbs

MANUFACTURER CERTIFIED
CONFORMANCE TO
ANSI
14.9
FOR
ATTIC LADDERS

System of adjusting the ladder length to the ceiling height after cutting (up to 1 1/2 in.)



Detachable door from "click fasteners" for quick one-person installation.



1 3/8" thick insulated sandwich door helps reduce energy costs.

The **LWP** model is a basic, insulated attic ladder built from pine wood. It provides easy access to attics without the hassle of using a big step ladder. Each unit is equipped with a handrail, a weather gasket seal to reduce heat loss, and a system to adjust the ladder length after cutting.

FEATURES



insulated door ready for paint



weather seal gasket



handrail



non-slip steps



simple installation



plastic ends



ladder length adjustment after cutting



additional accessories available – pages 35-38



2 year warranty

R-value
with optional upper hatch

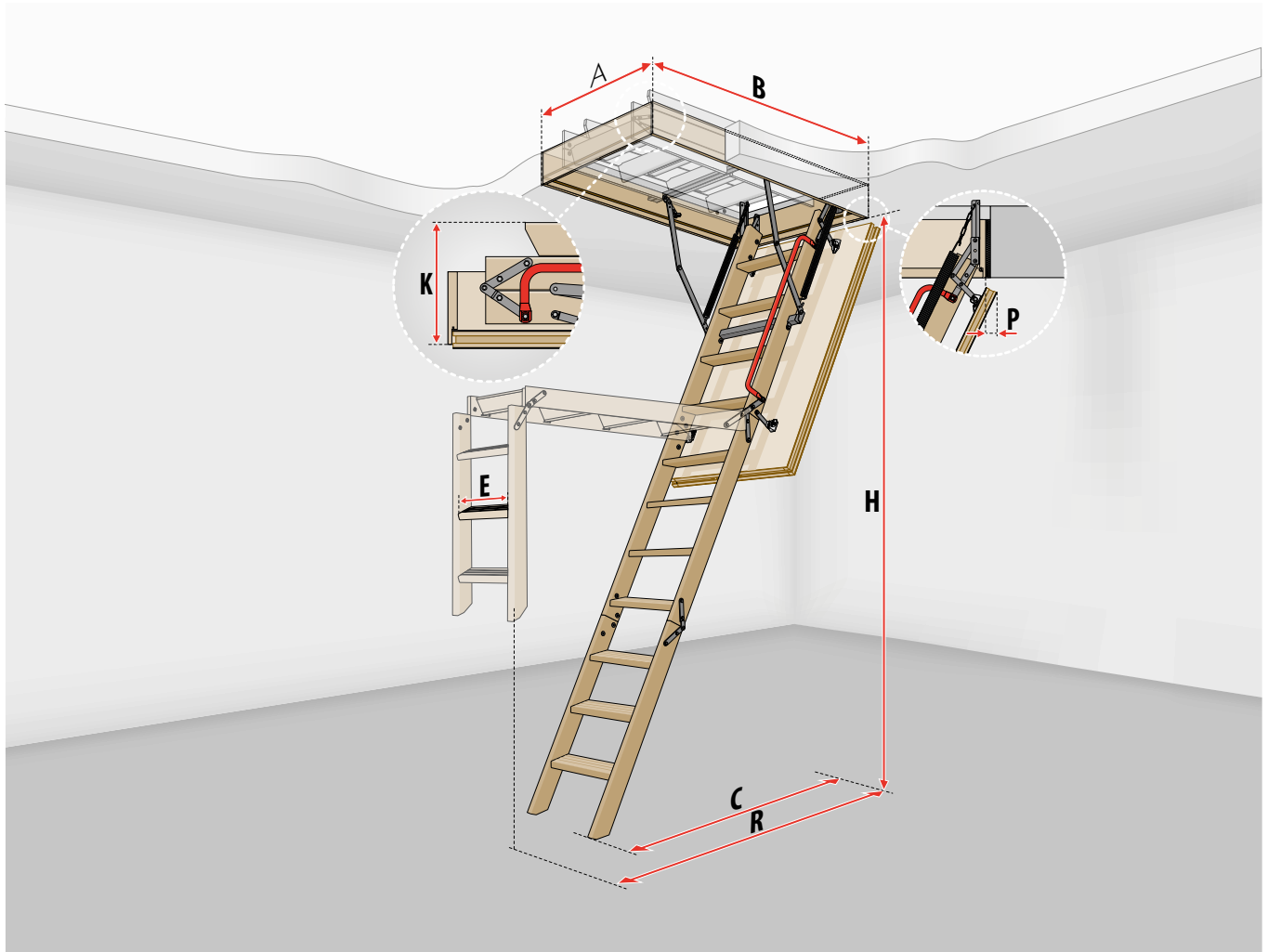


Details p.37

fully assembled and ready for quick installation in the ceiling



LWP – DIAGRAM



ATTIC LADDER DIMENSIONS

										Step width	E	13 3/8"
										Step depth		3 1/8"
										Step thickness		7/8"
										Distance between steps		9 7/8"
LWP		22 1/2"x47"	25"x47"	22 1/2"x54"	25"x54"	30"x54"	22 1/2" x 54"	25"x54"	30"x54"			
Manufacturer's part number		66801	66802	66803	66804	66809	66853	66854	66855			
Ceiling height	H	7'5" - 8'11"			7'10" - 10'1"			8'8" - 10'8"				
Rough opening	AxB	22 1/2"x47"	25"x47"	22 1/2"x54"	25"x54"	30"x54"	22 1/2"x54"	25"x54"	30"x54"			
Outside frame dimensions		22"x46 5/8"	24 1/2"x46 5/8"	22"x53 1/2"	24 1/2"x53 1/2"	29 1/2"x53 1/2"	22"x53 1/2"	24 1/2"x53 1/2"	29 1/2"x53 1/2"			
Inside frame dimensions		20 1/2"x44 7/8"	23"x44 7/8"	20 1/2"x51 3/4"	23"x51 3/4"	28"x51 3/4"	20 1/2"x51 3/4"	23"x51 3/4"	28"x51 3/4"			
Projection	R	64 1/2"			72"			75 1/2"				
Landing space	C	57 1/2"			64"			65 1/2"				
Folded ladder height	K							10 3/4"				
Board movement after opening	P							1 1/4"				
Frame height								5 1/2"				
Approx. Weight (lbs)		59	60	67	70	75	71	74	79			

Technical specification:
maximum loading: 300 lbs
R-value: 5.7
insulation thickness: 1 1/8"
hatch thickness: 1 3/8"

Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

LTK ENERGY

10
R-value

max
375
lbs

System of adjusting the ladder length to the ceiling height after cutting (up to 1 ½ in.)

Double gasket system guarantees an effective seal.

Hinges automatically adjust the ladder from compact to comfortable as the ladder self-adjusts away from the surface of the door when unfolded.

Sandwich insulated lid provides excellent thermal properties.

The **LTK Energy** model is an energy-efficient attic ladder that is highly recommended for projects emphasizing energy savings, particularly those concerned with heat loss. The LTK is the perfect solution for creating a barrier between a cool attic and the heated living space below

FEATURES



super thermo insulated door with white finish



plastic ends



two weather seal gaskets



handrail



non-slip steps



ladder length adjustment after cutting



varnished ladder



2 year warranty

R-value
with optional upper hatch

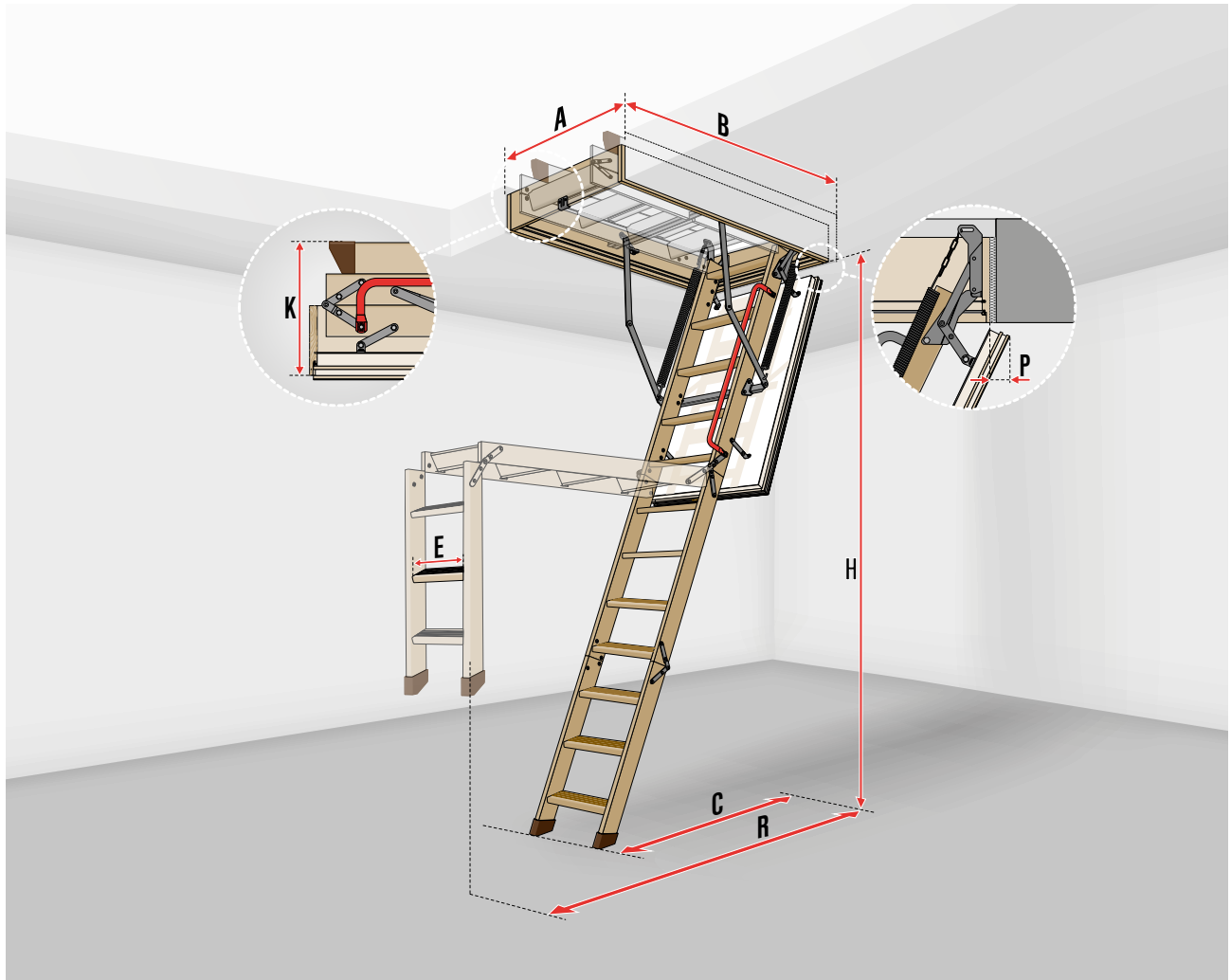


Details p.37

fully assembled and ready for quick installation in the ceiling



LTK ENERGY – DIAGRAM



ATTIC LADDER DIMENSIONS

		22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
LTK Energy		22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Manufacturer's part number		869113	869114	869115	869116	869117
Ceiling height	H	7' 8 ½" - 9'2"			7' 11 ½" - 10'1"	
Rough opening	AxB	22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x46⅝"	24½"x46⅝"	22"x53½"	24½"x53½"	29½"x53½"
Inside dimensions		20½"x44⅞"	23"x44⅞"	20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	64⅞"			69⅞"	
Landing space	C	49½"			53⅞"	
Folded ladder height	K	13⅞"				
Board movement after opening	P	1"				
Frame height		7"				
Approx. Weight	lbs	67	72	74	77	83

Step width	E	13 ⅜"
Step depth		3 ⅞"
Step thickness		7 ⅞"
Distance between steps		9 ⅞"

Technical specification:
maximum loading: 375 lbs
R-value: 10
insulation thickness: 2 ⅜"
hatch thickness: 2 ⅝"

Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

**LWT
THERMO**

12.5
R-value

max
350
lbs



System of adjusting the ladder length to the ceiling height after cutting (up to 1 1/2 in.)

Triple gasket system guarantees an effective seal.

Hinges automatically adjust the ladder from compact to comfortable as the ladder self-adjusts away from the surface of the door when unfolded.

Sandwich insulated lid provides excellent thermal properties.

Detachable door from "click fasteners" for quick one-person installation.

The **LWT** model is a super-thermo insulated attic ladder recommended for projects which stress energy-saving, especially due to heat loss. The LWT is an ideal unit for creating a barrier between a cool attic and the heated space below.

FEATURES



3 1/8" thick insulated door with white finish



plastic ends



three weather seal gaskets



handrail



non-slip steps



ladder length adjustment after cutting



simple installation



additional accessories available – pages 35-38



2 year warranty

R-value
with optional upper hatch

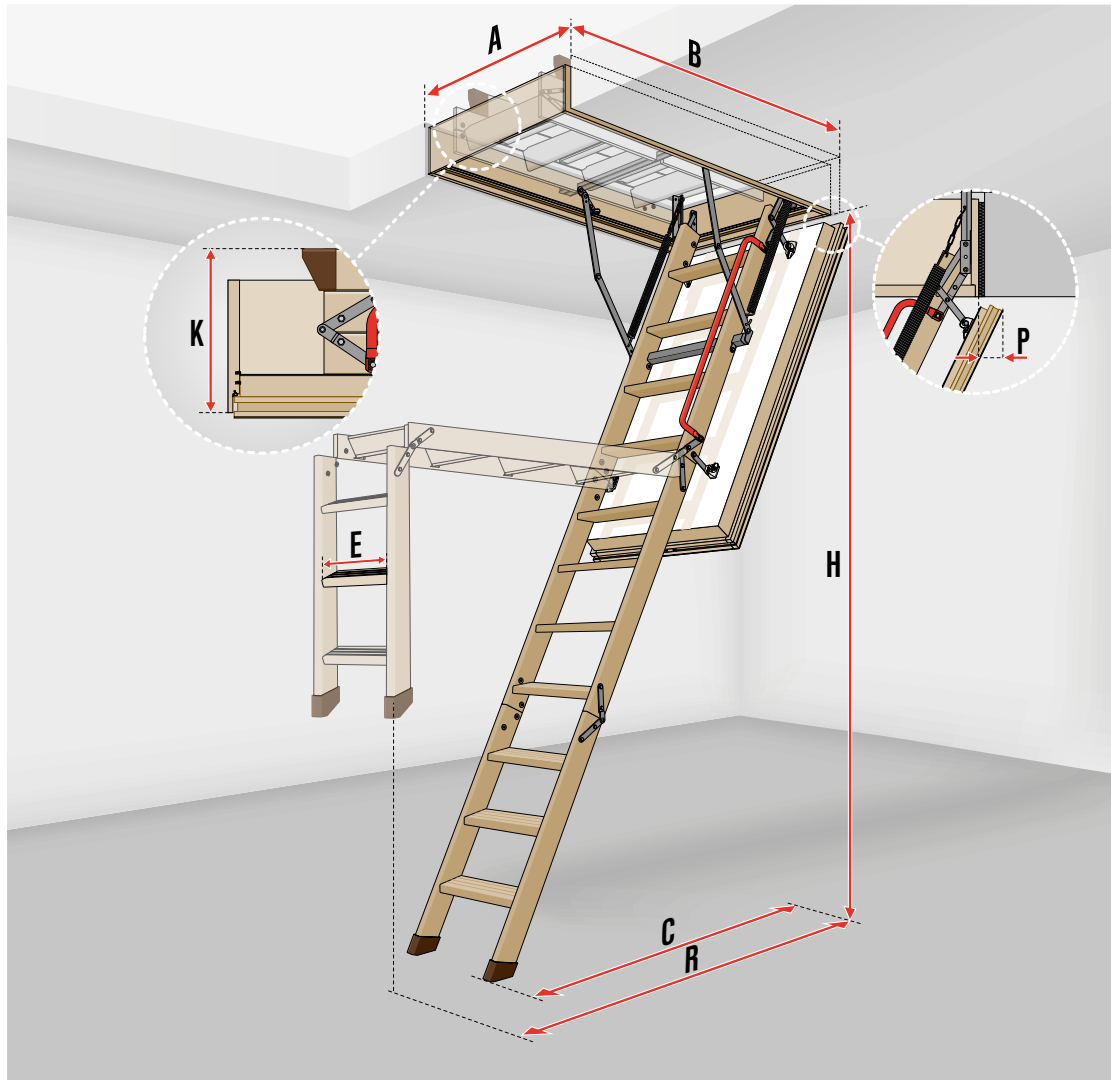


Details p.37

fully assembled and ready for quick installation in the ceiling



LWT – DIAGRAM



ATTIC LADDER DIMENSIONS

		22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
LWT		22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Manufacturer's part number		66891	66892	66893	66894	66895
Ceiling height	H	7'5" - 8'11"		7'8" - 10'1"		
Rough opening	AxB	22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x46⅝"	24½"x46⅝"	22"x53½"	24½"x53½"	29½"x53½"
Inside frame dimensions		20½"x44⅞"	23"x44⅞"	20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	65½"		72"		
Landing space	C	58"		65"		
Folded ladder height	K	12½"				
Board movement after opening	P	2⅞"				
Frame height		8⅞"				
Approx. Weight (lbs)		70	73	75	80	85

Step width	E	13⅜"
Step depth		3⅞"
Step thickness		⅞"
Distance between steps		9⅞"

Technical specification:
maximum loading: 350 lbs
R-value: 12.5
insulation thickness: 2⅞"
hatch thickness: 3⅞"

Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

LWF30
fire-rated

9.5
R-value

max
350
lbs

43
Minutes Rating
ASTM E119

30
Minutes Rating
NFPA 288

System of adjusting the ladder length to the ceiling height after cutting (up to 1 1/2 in.)

Minimal space between top step of the ladder and attic floor – step into your attic with ease.

A system of three rubber gaskets guarantee an airtight seal.

Hinges automatically adjust the ladder from compact to comfortable as the ladder self-adjusts away from the surface of the door when unfolded.

Thermal gasket expands in high temperatures and seals the door to block smoke and flames.

The **LWF** model is a fire-rated attic ladder that provides easy access to the attic while functioning as a blaze block in case of fire. The hatch is manufactured with the use of fire-proof materials and is equipped with a gasket that expands under extreme heat. The LWF ladder is fire-rated at 30 minutes in accordance with NFPA 288 and 43 minutes in accordance with ASTM E119.

FEATURES



fire-rated insulated door with white finish



plastic ends



three weather seal gaskets



handrail



non-slip steps



ladder length adjustment after cutting



additional accessories available – pages 35-38



2 year warranty

R-value
with optional upper hatch

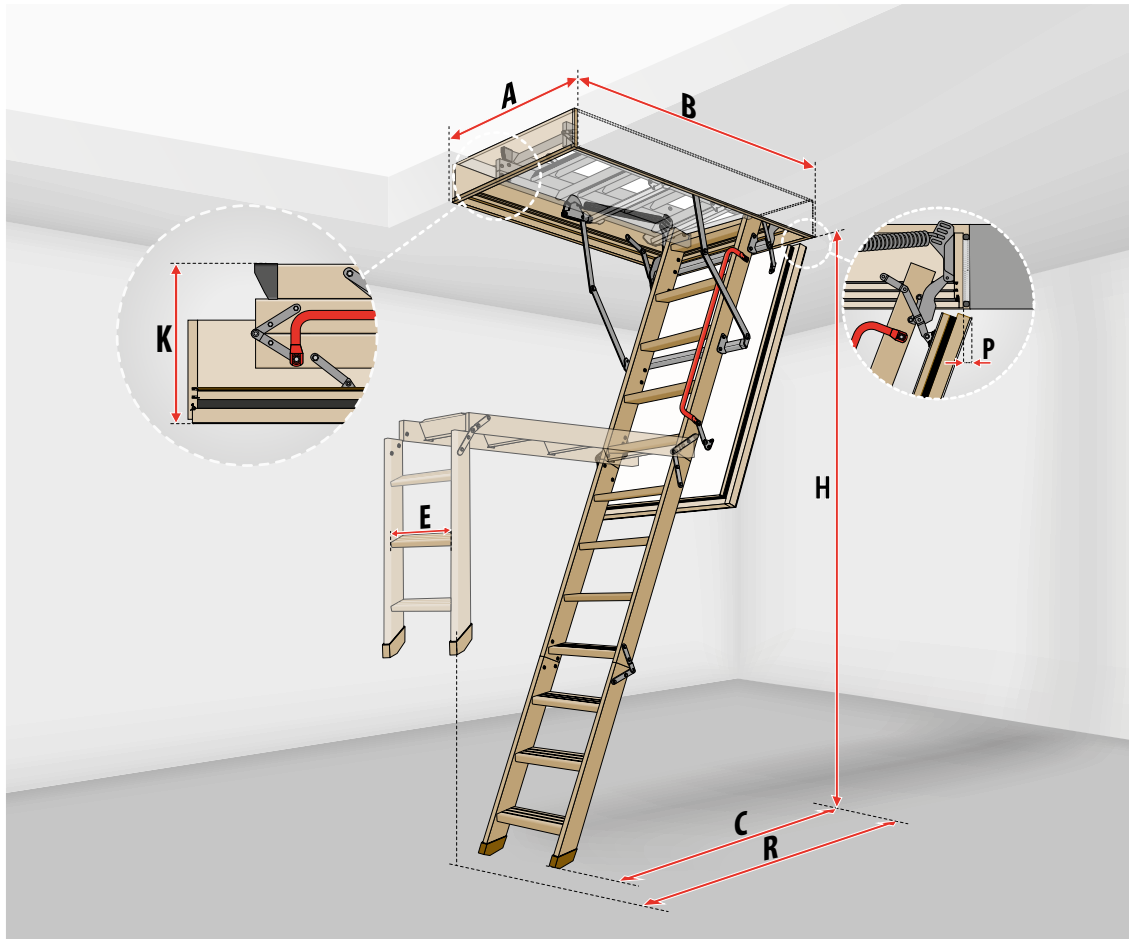


Details p.37

fully assembled and ready for quick installation in the ceiling



LWF – DIAGRAM



ATTIC LADDER DIMENSIONS

LWF		22½x47	25x47	22½x54	25x54	30x54
Manufacturer's part number		869716	869717	869718	869719	869720
Ceiling height	H	7'5" - 8'11"		7'11½" – 10'1"		
Rough opening	AxB	22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x46⅝"	24½"x46⅝"	22"x53½"	24½"x53½"	29½"x53½"
Inside frame dimensions		20½" x44⅞"	23"x44⅞"	20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	67"		73¼"		
Landing space	C	59"		65¾"		
Distance between steps		9⅞"		10½"		
Folded ladder height	K	15"				
Frame height		8 ⅝"				
Board movement after opening	P	1⅞"				
Approx. Weight (lbs)		98	104	105	110	123

Step width	E	13⅜"
Step depth		3⅞"
Step thickness		⅞"
Distance between steps		9 ⅞"

Technical specification:

maximum loading: 350 lbs
R-value: 9.5
insulation thickness: 2 ⅞"
hatch thickness: 3 ⅞"

Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

LWF-R
INSULATED
fire-retardant

5.2
R-value

max
350
lbs

Fire
retardant



Weather seal gasket



A metal latch keeps the hatch in the closed position.

The **LWF-R Insulated fire-retardant** is a 3-section wooden attic ladder, featuring increased fire resistance parameters. The attic ladder insulated hatch is made of fire-retardant plywood.



FEATURES



fire-retardant insulated door ready for paint



handrail



non-slip steps



weather seal gasket

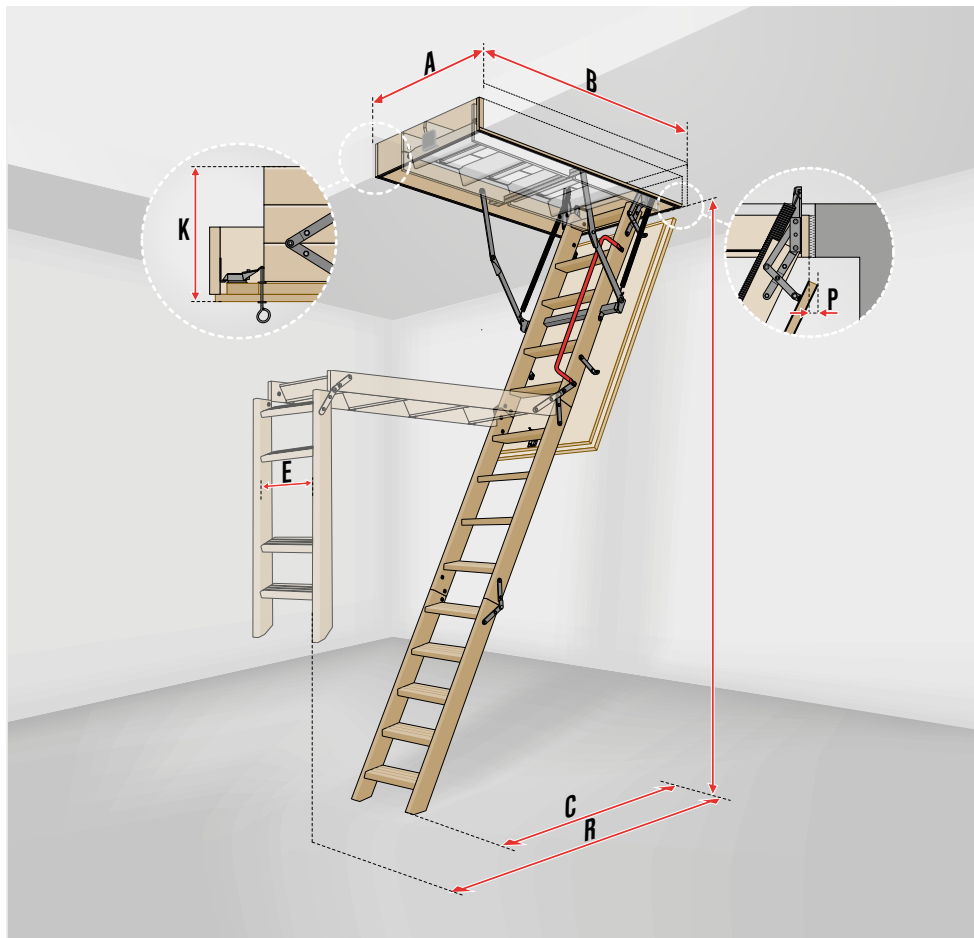


1 year warranty

fully assembled and ready for quick installation in the ceiling



LWF-R INSULATED – DIAGRAM



ATTIC LADDER DIMENSIONS

LWF-R Insulated		22½x54	25x54	30x54
Manufacturer's part number		869109	869110	869111
Ceiling height	H	8' - 10'4"		
Rough opening	AxB	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x53½"	24½"x53½"	29½"x53½"
Inside frame dimensions		20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	67 ⅙"		
Landing space	C	49 ⅞"		
Folded ladder height	K	11"		
Frame height		5 ½"		
Board movement after opening	P	1 ½"		
Approx. Weight (lbs)		70,4	72,9	77,9

Step width	E	13⅝"
Step depth		3⅝"
Step thickness		⅞"
Distance between steps		9⅞"

Technical specification:
maximum loading: 350 lbs
R-value: 5.2
insulation thickness: ⅞"
hatch thickness: 1 ½"

Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

LWF-R
NON-INSULATED
fire-retardant



The **LWF-R** is a 3-section wooden attic ladder, featuring increased fire resistance parameters.



A metal latch keeps the hatch in the closed position.

FEATURES



fire-retardant non-insulated door ready for paint



handrail



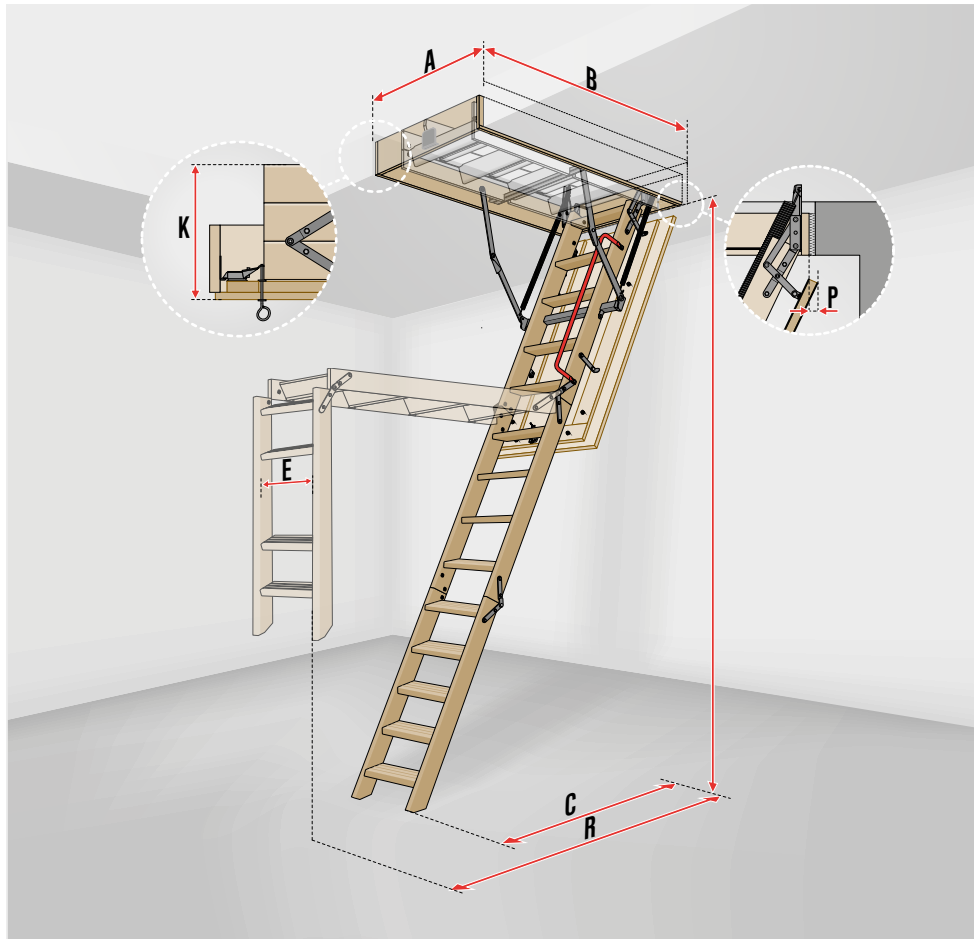
non-slip steps



1 year warranty



LWF-R – DIAGRAM



ATTIC LADDER DIMENSIONS

LWF-R Insulated		22½x54	25x54	30x54
Manufacturer's part number		66900	66903	66905
Ceiling height	H	8' - 10'4"		
Rough opening	AxB	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x53½"	24½"x53½"	29½"x53½"
Inside frame dimensions		20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	67 ⅞"		
Landing space	C	49 ⅞"		
Folded ladder height	K	11"		
Frame height		5 ½"		
Board movement after opening	P	1 ½"		
Approx. Weight (lbs)		65,4	67,9	72,4

Step width	E	13 ⅞"
Step depth		3 ⅞"
Step thickness		7 ⅞"
Distance between steps		9 ⅞"

Technical specification:
maximum loading: 350 lbs
hatch thickness: ½"

Available only in sizes given above.

METAL FOLDING ATTIC LADDERS



METAL FOLDING ATTIC LADDER

LMB
BASIC
-INSULATED

- FEATURES
- insulated door ready for paint
 - weather seal gasket
 - plastic ends
 - non-slip steps
 - handrail
 - additional accessories available – pages 35-38
 - 1 year warranty



3.7
R-value

max
375
lbs

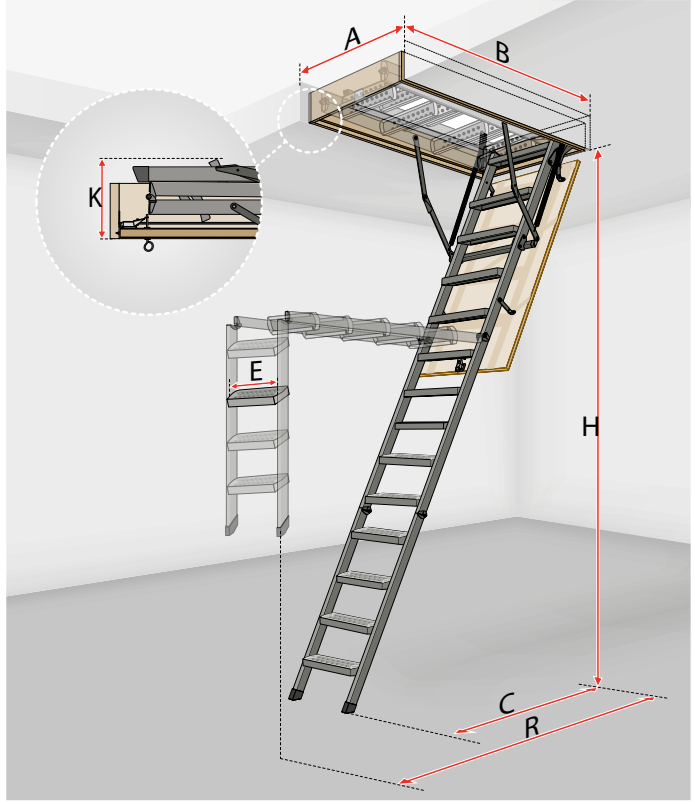
The **LMB** model is a basic insulated metal attic ladder. This reliable ladder provides easy access to your attic space with its convenient handrail, insulated door, and weather seal gasket. Designed for functionality and energy efficiency, it ensures both safety and comfort.

maximum capacity: 375 lbs
hatch thickness: 1"



ATTIC LADDER DIMENSIONS

LMB		22½"x54"	25"x54"	30"x54"
Manufacturer's part number		869263	869264	869265
Ceiling height	H	7' 9 7/8" – 10'3"		
Rough opening	AxB	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x53½"	24½"x53½"	29½"x53½"
Inside frame dimensions		20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	65 5/8"		
Landing space	C	50 ½"		
Folded ladder height	K	9½"		
Frame height		5½"		
Approx. Weight (lbs)		69	71	76
Step width	E	13¾"		
Step depth		3 1/8"		
Step thickness		1¼"		
Distance between steps		9 7/8"		



Available only in sizes given above.

NEW!

METAL FOLDING ATTIC LADDER

LME
INSULATED

5.3
R-value

max
400
lbs



The use of the metal ladder with special hinge structure guarantees high durability – maximum loading 400 lbs.



1 1/2" thick insulated sandwich door helps reduce energy costs.



Simple ladder length adjustment with LXS-M ends.

The **LME** model is a metal, three section folding attic ladder featuring an insulated, beige, paintable hatch door. This ladder features a customizable design that allows for easy adjustment to the height of the room. After cutting the last section, the length can be precisely adjusted using metal ends with rubber caps, ensuring a perfect fit and extra stability.

FEATURES

- insulated door ready for paint
- handrail
- adjustable ends with rubber caps
- weather seal gasket
- non-slip steps

- ladder length adjustment after cutting
- additional accessories available – pages 35-38
- 2 year warranty

R-value
with optional upper hatch

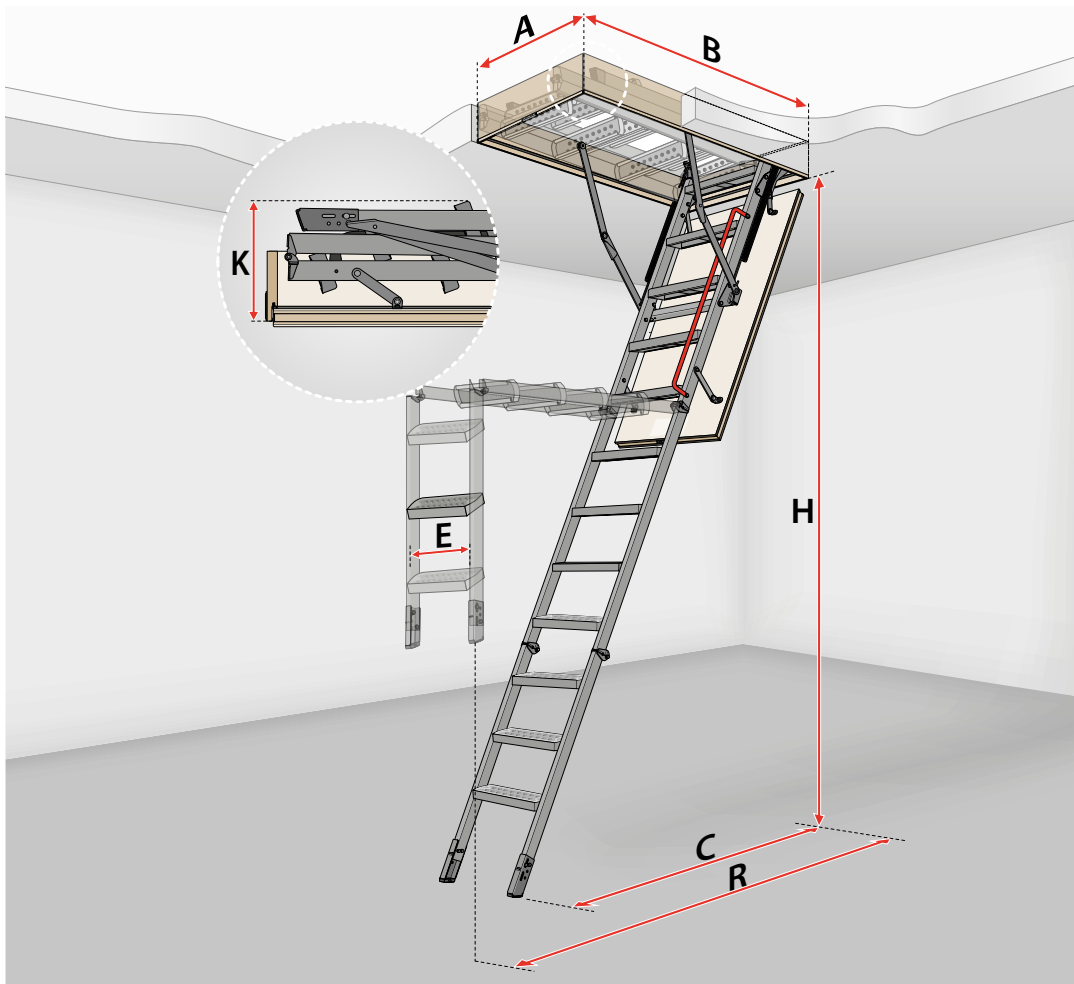


Details p.37

fully assembled and ready for quick installation in the ceiling



LME – DIAGRAM



ATTIC LADDER DIMENSIONS

LME		22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Manufacturer's part number		869491	869492	869494	869495	869496
Ceiling height	H	7'9" - 9'4"		7'9 ⅝" - 10'2"		
Rough opening	AxB	22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x46 ⅞"	24½"x46 ⅞"	22"x53 ½"	24½"x53 ½"	29½"x53 ½"
Inside frame dimensions		20½"x44 ⅞"	23"x44 ⅞"	20½"x51 ¾"	23"x51 ¾"	28½"x51 ¾"
Projection	R	63"		66 ½"		
Landing space	C	40" - 47"		40 ½" - 51"		
Folded ladder height	K	10"				
Frame height		5½"				
Approx. Weight (lbs)		58,6	60,1	63,2	65	69,5

Step width	E	13 ⅜"
Step depth		3 ⅞"
Step thickness		1 ¼"
Distance between steps		9 ⅞"

Technical specification:

maximum loading: 400 lbs
R-value: 5.3
insulation thickness: 1 ⅞"
hatch thickness: 1 ⅜"

Available only in sizes given above.

METAL FOLDING ATTIC LADDER

LMP
INSULATED
12 ft. ceiling

5.2
R-value

max
375
lbs



Installation brackets included.



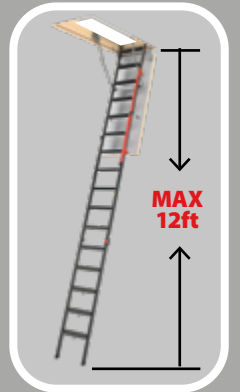
System of adjusting the ladder length to the ceiling height after cutting (up to 1 1/2 in.)



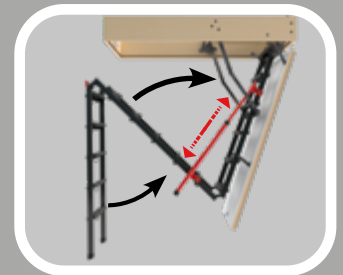
The use of special blocks secure ladder segments to prevent accidental folding.



Last step placed high in the box ensures a comfortable entrance to the attic.



Ladder intended for installation in high ceilings.



Safe use and unfolding of the ladder thanks to a brake mechanism incorporated into the handrail.

The **LMP** model is a metal, three section, folding attic ladder designed for high ceilings, up to 12ft. It contains an unloading mechanism hidden in the handrail that supports the folding and unfolding of the ladder.

FEATURES



insulated door with white finish



plastic ends



weather seal gasket



ladder unloading mechanism, built into the handrail



non-slip steps



quick installation in the ceiling – installation brackets



intended for installation in high ceilings



ladder length adjustment after cutting



additional accessories available – pages 35-38



2 year warranty

R-value
with optional upper hatch

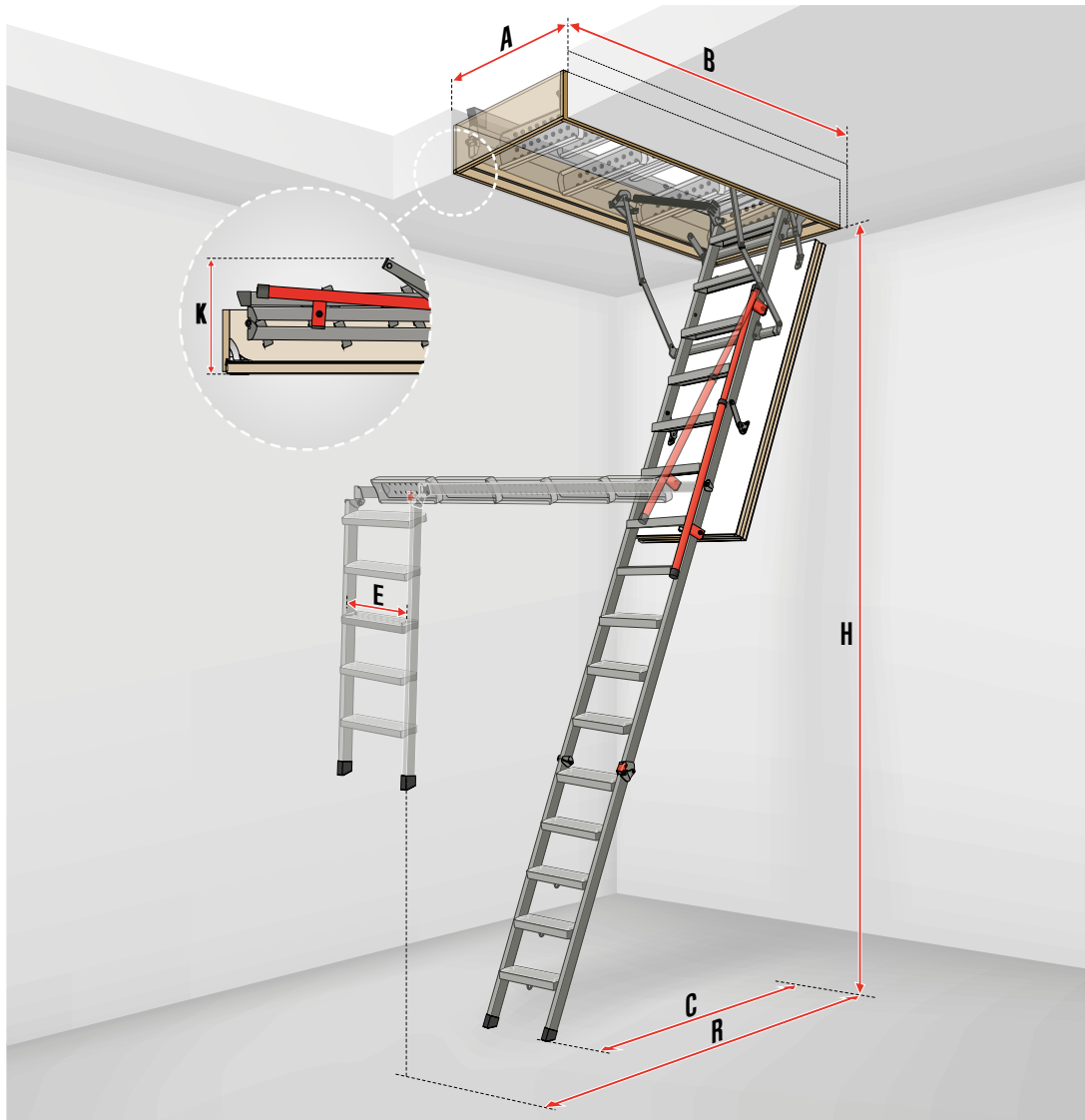


Details p.37

fully assembled and ready for quick installation in the ceiling



LMP – DIAGRAM



ATTIC LADDER DIMENSIONS

Step width	E			13 3/8"
Step depth				3 1/8"
Step thickness				1 1/4"
Distance between steps				9 1/2"
LMP		22 1/2 x 56 1/2	25 x 56 1/2	30 x 56 1/2
Manufacturer's part number		869331	869332	869333
Ceiling height	H	9'10" - 12'		
Rough opening	AxB	22 1/2" x 56 1/2"	25" x 56 1/2"	30" x 56 1/2"
Outside frame dimensions		22" x 56"	24 1/2" x 56"	29 1/2" x 56"
Inside frame dimensions		20 1/2" x 54 3/8"	22 7/8" x 54 3/8"	28" x 54 3/8"
Projection	R		77 1/8"	
Landing space	C		57 1/8"	
Folded ladder height	K		12 5/8"	
Frame height			7 1/8"	
Approx. Weight (lbs)		102	108	114

Technical specification:
maximum loading: 375 lbs
R-value: 5.2
insulation thickness: 1 1/8"
hatch thickness: 1 3/8"

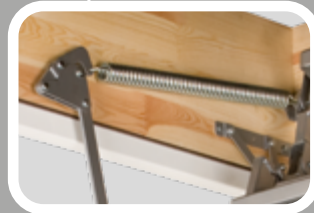
Available only in sizes given above.

METAL FOLDING ATTIC LADDER

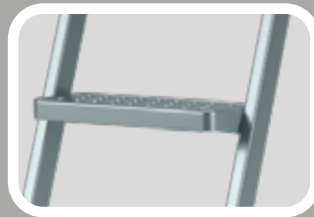
LML Lux
INSULATED

5.2
R-value

max
350
lbs



A perimeter gasket lines the frame and seals the hatch.



5" deep steps.



In order to facilitate accessing the attic, the attic ladder's box has been equipped with an additional step which reduces the distance between the last tread of the ladder and the attic floor.



The detachable last two steps and retractable feet allow the length of the ladder to be adjusted without cutting.

The **LML** model is a metal, three section, folding attic ladder designed to ensure the highest comfort of use. The installation process is simplified by an easy adjustment of the ladder's length to the ceiling height.

FEATURES


 insulated door with white finish

 telescopic ends

 weather seal gasket

 ladder unloading mechanism, built into the handrail

 non-slip steps

 system of adjusting the ladder length to the ceiling height

 quick installation in the ceiling – installation brackets

 white metal trim

 additional accessories available – pages 35-38

 2 year warranty

R-value
with optional upper hatch

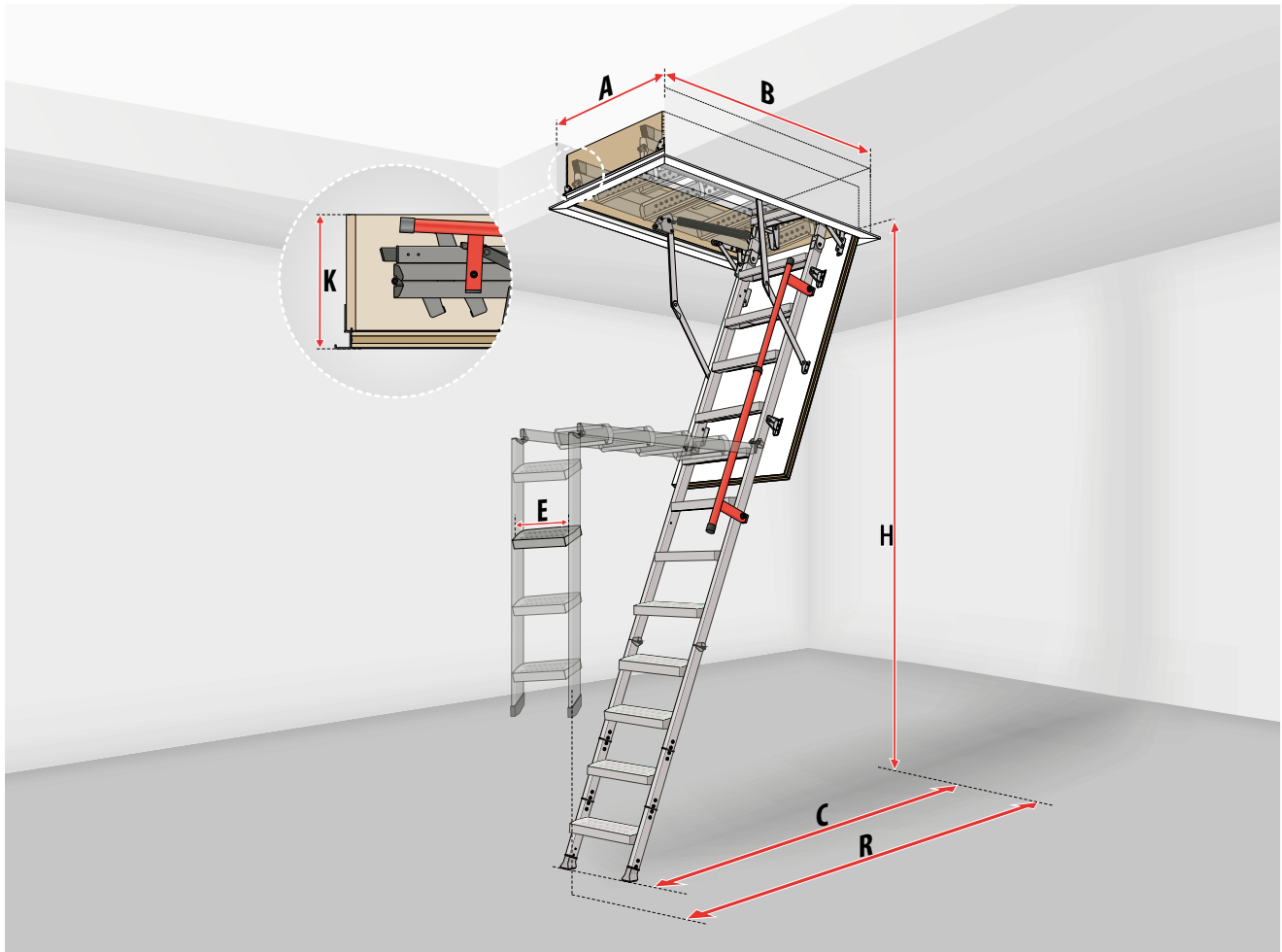


Details p.37

fully assembled and ready
for quick installation in the ceiling



LML – DIAGRAM



ATTIC LADDER DIMENSIONS

LML		23 1/2 x 47	27 1/2 x 47	27 1/2 x 51
Manufacturer's part number		862401	862411	862453
Ceiling height	H	7' 7 3/4" - 9' 2 1/4"		8' 4 3/4" - 10'3" *
Rough opening	AxB	23 1/2" x 47"	27 1/2" x 47"	27 1/2" x 51"
Outside frame dimensions		23" x 46 3/4"	27" x 46 3/4"	27" x 50 5/8"
Outside frame dimensions including trim		25 1/2" x 48 1/4"	28 1/2" x 48 1/4"	28 1/2" x 52 1/4"
Inside frame dimensions		21 5/8" x 44 7/8"	25 1/4" x 44 7/8"	25 1/4" x 48 7/8"
Projection	R	65 3/4"		70"
Landing space	C	47 1/4"		51 1/4"
Folded ladder height	K	12 1/2"		
Frame height		12 1/2"		
Approx. Weight (lbs)		119	121	128

Step width	E	13 3/4"
Step depth		5 1/8"
Step thickness		1 1/4"
Distance between steps		9 7/8"

Technical specification:

maximum loading: 350 lbs
R-value: 5.2
insulation thickness: 1 1/8"
hatch thickness: 1 3/8"

* H max - 10'3" (stile ends maximum extension)

Available only in sizes given above.

METAL FOLDING ATTIC LADDER

LMF60
FIRE-RATED

8.9
R-value

max
350
lbs

60
Minutes Rating
ASTM E119

60
Minutes Rating
NFPA 288

The **LMF60** model is a new generation attic ladder that provides access to unused space in the attic while functioning as fire protection for 60 minutes (1 hour rating in accordance with NFPA 288 and ASTM E119-14).

A system of three rubber gaskets guarantee an airtight seal.

telescopic handle in the 11'10" version of the stairs

The unloading mechanism is hidden in the handrail, supporting the folding and unfolding of the ladder (applies to models with 11'10" ceiling height).

Installation brackets included.

Comfortable access into the attic thanks to a short distance from the last step to the attic floor.

Increased distance between step and lid improves safety and comfort.

Thermal gasket expands in high temperatures and seals the door to block smoke and flames.

FEATURES



fire-rated insulated door with white finish



plastic ends



three weather seal gaskets



handrail (10'1" max. ceiling ladders)



non-slip metal steps



quick installation in the ceiling – installation brackets



11'10" available for installation in high ceilings



ladder unloading mechanism, built into the handrail (11'10" max. ceiling ladders)



ladder length adjustment after cutting



2 year warranty

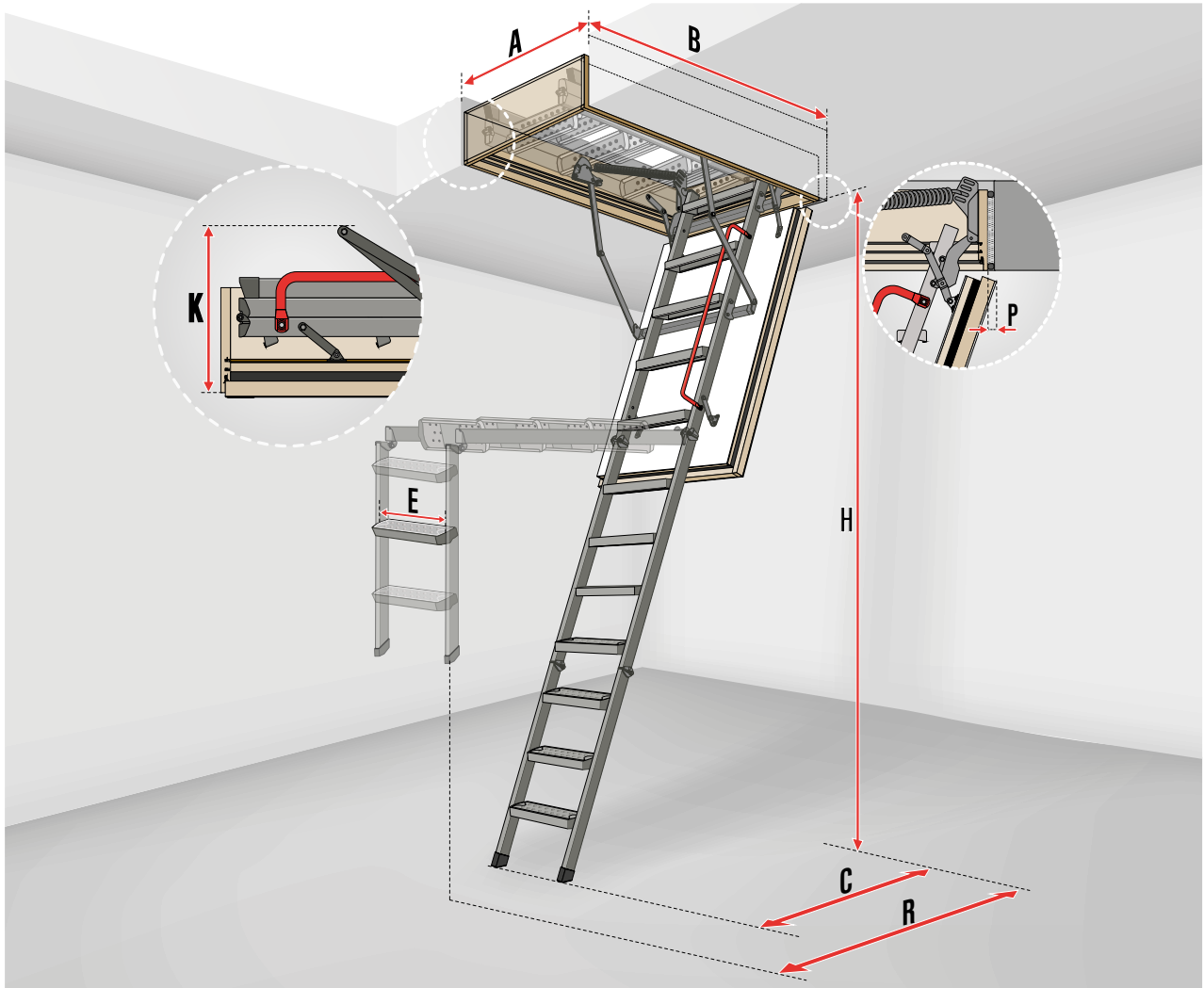
R-value with optional upper hatch



fully assembled and ready for quick installation in the ceiling



LMF 60 – DIAGRAM



ATTIC LADDER DIMENSIONS

		22½"x54"	25"x54"	30"x54"	25"x56½"	30"x56½"
LMF 60		22½"x54"	25"x54"	30"x54"	25"x56½"	30"x56½"
Manufacturer's part number		869235	869236	869237	869238	869239
Ceiling height	H	8'1" - 10'1"			9'7½" - 11'10"	
Rough opening	AxB	22½"x54"	25"x54"	29½"x53½"	25"x56½"	30"x56½"
Outside frame dimensions		22"x53½"	24½"x53½"	29½"x53½"	24½"x56"	29½"x56"
Inside frame dimensions		20½"x51¾"	23"x51¾"	28"x51¾"	22⅞"x54⅜"	28"x54⅜"
Projection	R	72"			76"	
Landing space	C	61"				
Folded ladder height	K	16"				
Board movement after opening	P	1¾"				
Frame height		8⅞"				
Approx. Weight (lbs)		111	115	126	143	150

Step width	E	13⅜"
Step depth		3⅞"
Step thickness		1¼"
Distance between steps		9⅞" - 9½"

Technical specification:

maximum loading: 350 lbs
R-value: 8.9
insulation thickness: 3⅞"
hatch thickness: 3⅜"

Available only in sizes given above.

METAL SCISSOR ATTIC LADDERS



BOX

The box can be made of wood or metal. It is equipped with a **peripheral gasket (LST)** and **trims as standard**. Proper box structure allows for quick setting of the ladder in the ceiling and facilitates correct leveling.

HATCH UNLOADING MECHANISM

Operation of the attic ladder has been **significantly improved** because of FAKRO's unique unloading mechanism. Once unlocked, the hatch opens slowly without any potential danger to the user. Once fully opened, this mechanism will also hold the hatch in position, preventing it from slamming shut.

HARDWARE

The patented corner hinge reinforces the rigidity of the box and prevents any changes in the diagonal lengths. Thanks to this, the box is not effected by any deformations and can be operated trouble free once installed.

HATCH

The scissor attic ladder comes equipped with either insulated or fire-resistant hatches. Insulated hatches are made of wood and fire-resistant hatches are made of metal. The external hatch surface is white and smooth without any visible fixing elements.

STEPS

The specially embossed pattern on the step's surface protects the user from accidentally slipping while using the ladder.

LADDER

The scissor ladder structure makes it possible to easily adjust its length to the room height **without the need for cutting**. Additionally, this allows the ladder to be folded into a smaller size to fit smaller ceiling openings (the smallest ladder size being 22"x31"). The elegant and modern style of the scissor attic ladder is achieved by the "S"-shaped stringers which may also serve as handrails.



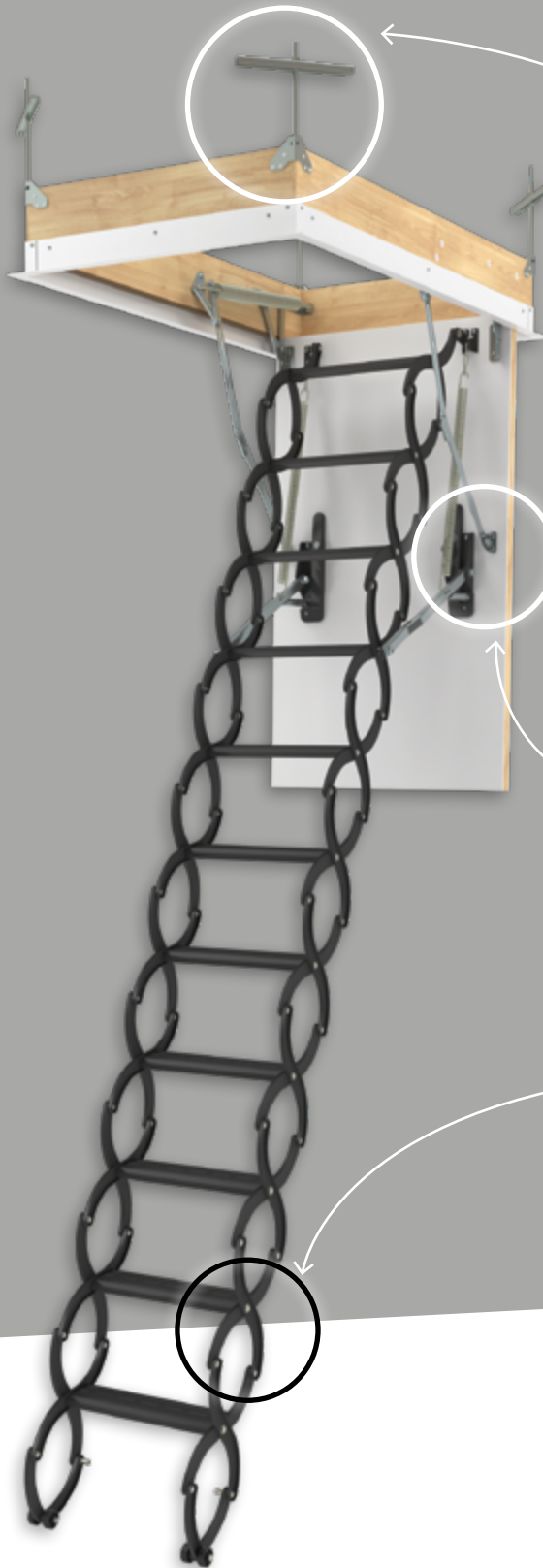
METAL SCISSOR ATTIC LADDER

LST
INSULATED

5.2
R-value

max
350
lbs

The **LST** model is a scissor style attic ladder with a white, insulated hatch. Its construction takes up less space and requires less room to unfold. Making it perfect for small spaces (the smallest ladder size is 22"x31").



Wooden box with metal trim and quick-installation brackets included.



Adjustment of ladder length.



Adjustable length by adding or detaching a step.

FEATURES



insulated door with white finish



weather seal gasket



white metal trim



non-slip steps



can add or detach steps



system of adjusting the ladder length to the ceiling height



quick installation in the ceiling – installation brackets



additional accessories available – pages 35-38



2 year warranty

R-value
with optional upper hatch

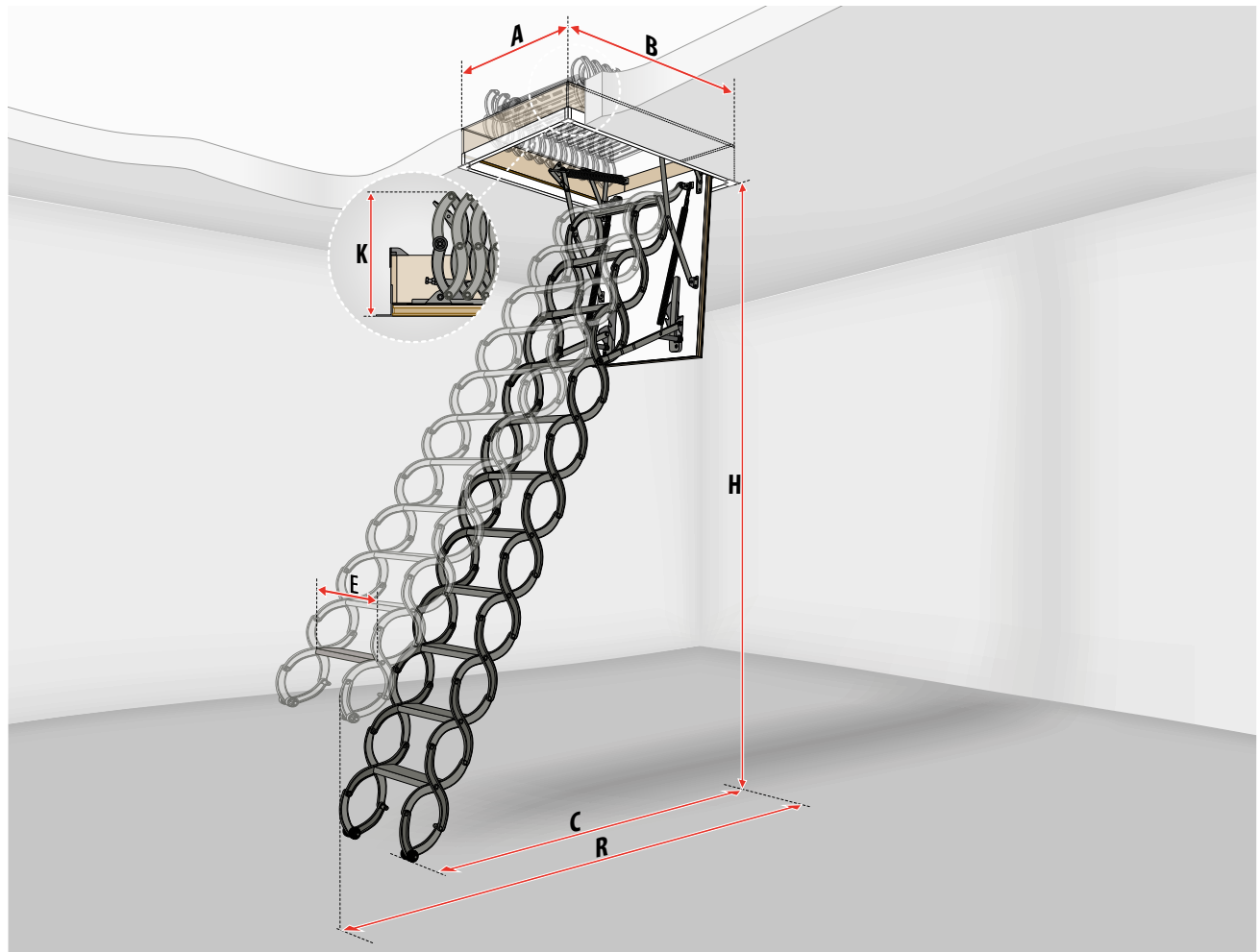


Details p.37

fully assembled and ready for quick installation in the ceiling



LST – DIAGRAM



ATTIC LADDER DIMENSIONS

LST		22½"x31½"	27½"x31½"	22½"x47"	25"x47"	22½"x54"	25"x54"	30½"x54"						
Manufacturer's part number		66875	66876	66820	66821	66822	66823	66877						
Ceiling height	H	8'2¾" – 9'2¼"												
Rough opening	AxB	22½"x31½"	27½"x31½"	22½"x47"	25"x47"	22½"x54"	25"x54"	30½"x54"						
Outside frame dimensions		22"x31¼"	27"x31¼"	22"x46⅝"	24½"x46⅝"	22"x53¾"	24½"x53¾"	30"x53¾"						
Outside frame dimensions including trim		24⅜"x33¼"	29⅞"x33¼"	24⅜"x49"	26¾"x49"	24⅜"x55¾"	26¾"x55¾"	31⅞"x55¾"						
Inside frame dimensions		20½"x29¼"	25⅞"x29¼"	20½"x44¾"	22⅞"x44¾"	20½"x51⅞"	22⅞"x51⅞"	28"x51¾"						
Projection	R	59"												
Landing space	C	57½" – 52¾"												
Folded ladder height	K	15"												
Frame height		7⅞"												
Approx. Weight (lbs)		84	92	88	93	97	99	110						
Step width	E	11⅞"	15"	11⅞"				15"						
Step depth		3⅞"												
Possibility of adding additional steps		LSS-31	LSS-38	LSS-31				LSS-38						

Ladder dimensions are given in the chart on the left.

1 step removed

1 additional step

2 additional steps

55⅞" 63" 67"

53⅞" 51⅞" 59" 57⅞" 63" 59"

7'6½" 8'2¾" 9'2¼" 9'10⅞" 9'10⅞" 10'10"

Technical specification:

maximum loading: 350 lbs
R-value: 5.2
insulation thickness: 1⅞"
hatch thickness: 1⅜"

Available only in sizes given above.

METAL SCISSOR ATTIC LADDER

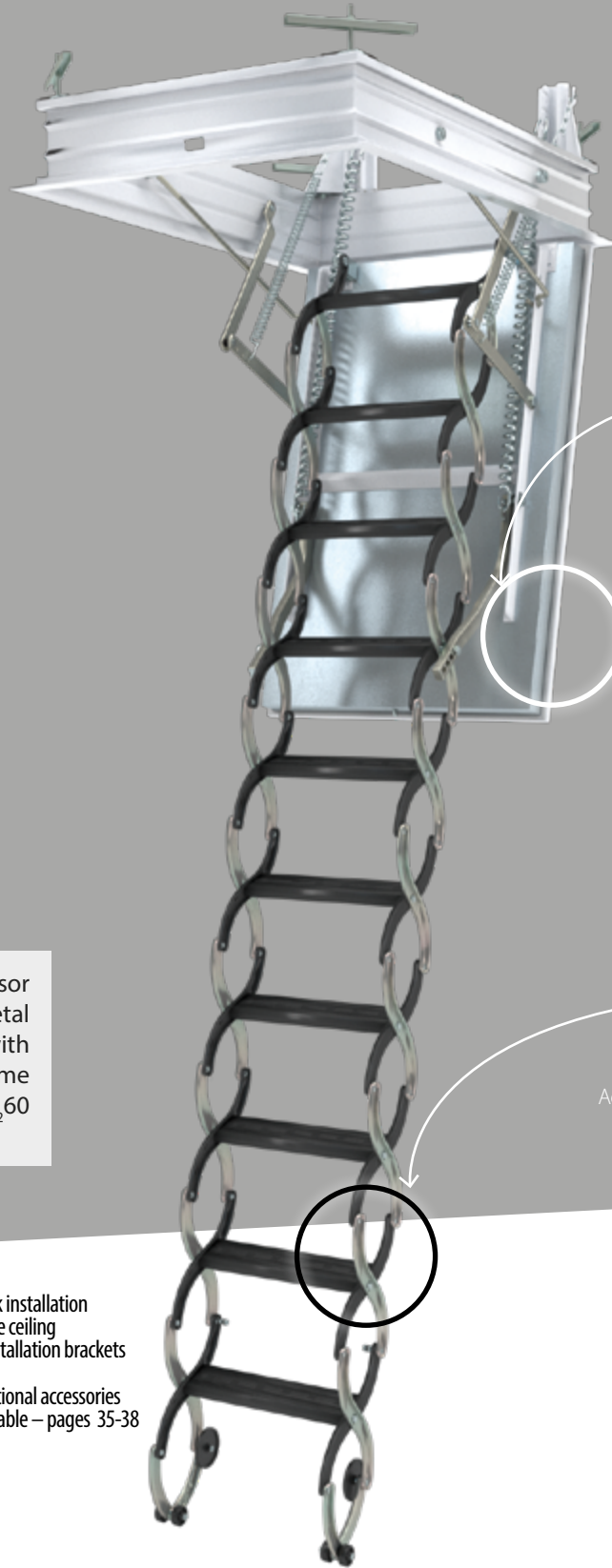
LSF
FIRE-RATED
60 min

3.2
R-value

max
350
lbs



The **LSF** model is a fire-rated, scissor style attic ladder made up of all metal parts. Ladder's hatch is equipped with a gasket that expands under extreme heat. The LSF ladder is fire-rated at E₁60 minutes as per EN13501-2.



A gasket surrounding the attic ladder hatch expands when exposed to high temperatures, effectively sealing the opening to prevent the entry of fire or smoke.



Adjustable length by adding or detaching a step.

FEATURES



fire-rated metal door with white finish



white metal trim



non-slip steps



can add or detach steps



system of adjusting the ladder length to the ceiling height



quick installation in the ceiling – installation brackets



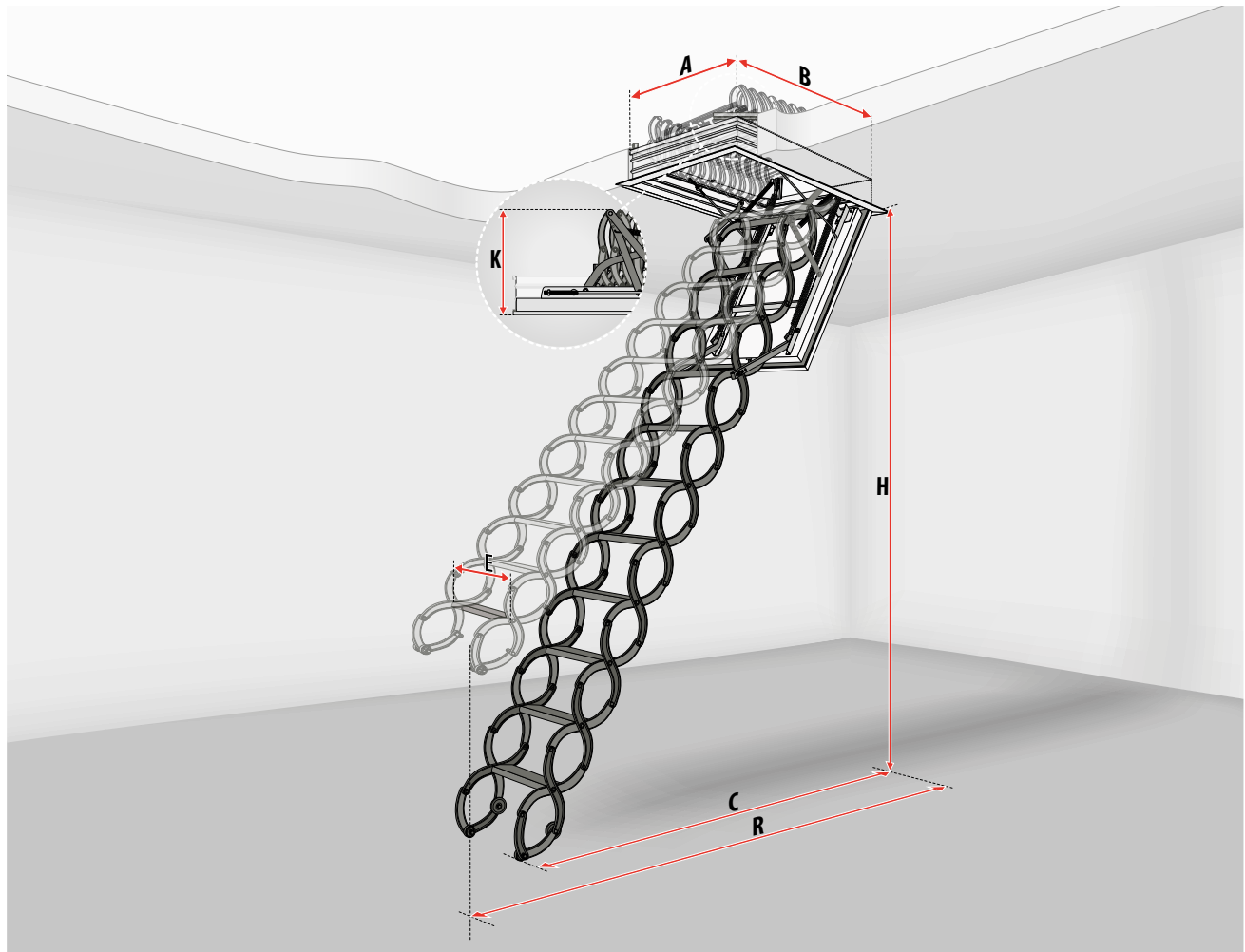
additional accessories available – pages 35-38



2 year warranty



LSF – DIAGRAM



ATTIC LADDER DIMENSIONS

				1 step removed		standard length of ladder (10 steps)		1 additional step	
LSF		22½x47	25x47						
Manufacturer's part number		66858	66859						
Ceiling height	H	8'10¼" – 9'10⅝"		7'10½"	8'10⅝"	8'10¼"	9'10⅝"	9'10⅝"	10'6"
Rough opening	AxB	22½"x47"	25"x47"	Ladder dimensions are given in the chart on the left.					
Outside frame dimensions		22"x46⅝"	24½"x46⅝"						
Outside frame dimensions including trim		24½"x49"	27"x49"						
Inside frame dimensions		20"x45¼"	22½"x45¼"						
Projection	R	67" – 71"		65"	65"	67"	71"	72⅝"	82¾"
Landing space	C	65" – 51¼"		39⅝"	55⅝"	65"	51¼"	47¼"	55⅝"
Folded ladder height	K	17¾"							
Frame height		5½"							
Approx. Weight (lbs)		138	154						
Step width	E	11⅞"	12⅝"						
Step depth		3⅞"							
Possibility of adding additional steps		LSS-30	LSS-32						

Technical specification:

R-value: 3.2
maximum loading: 350 lbs
fire-resistance: EI, 60 minutes
insulation thickness: 1 ⅝"
hatch thickness: 2 ⅝"

Available only in sizes given above.

KNEE WALL ACCESS DOORS

DWK INSULATED

DWK Knee Wall Access Door allows to create additional storage space located behind a small partition wall. The door is thermo-insulated (R-value 5.2*) and has perimeter rubber seal to keep heat transfer to a minimum. DWK door is universal and may be installed as right or left swing direction. As standard, the door is equipped with a handle and trim.

* manufacturer's calculations



5.2
R-value

3 years
warranty

DWT THERMO

DWT Knee wall access door is new and features an energy efficient design. The 2 1/2" thick sash is completely filled with thermo-insulating material which provides an excellent barrier resulting in reduced heat-loss (R-value: 9.5*). As standard, the door is equipped with a handle and trim. DWT Knee wall access doors may be installed in right or left opening versions.

* manufacturer's calculations

** special order item



9.5
R-value

3 years
warranty

DWF60 FIRE-RATED

DWF fire-rated, knee wall access door provides access to otherwise unused spaces under closed off stairwells and crawl spaces. It is fire-resistant from both sides at 60 minutes as per EN13501-2. The white, 2 1/2" thick sash is thermally insulated providing an excellent barrier reducing heat loss (R-value 12*). DWF Knee wall access doors may be installed in right or left opening versions. As standard, the door is equipped with a handle and trim.

* manufacturer's calculations



EI,60

12
R-value

3 years
warranty

KNEE WALL ACCESS DOORS DIMENSIONS

Dimensions [in]	21" x 31"	27" x 35"	27" x 43"
Rough opening [in]	21 1/2 x 31 1/4	27 1/2 x 35 1/4	27 1/2 x 43 1/4
Outside frame dimensions - width x height [in]	21x31	27x35	27x43
Inside frame dimensions - width x height [in]	19x29	25x33	25x41

FOLDING ATTIC LADDER OPTIONAL ACCESSORIES

LXS ENDS

Plastic end caps add a stylish touch to the appearance of wooden ladders. The unique design and shape significantly boost the ladder's stability. Each pack includes two pieces.

Already included in LWP, LWT, LTK and LWF 30.



LXS-W

Silver stile ends are compatible with wooden ladders and serve as an alternative to the LXS model. They provide the option to extend the length of the ladder. Additionally, the stile ends offer protection to the ladder stringers, preventing damage. By applying a rubber cap, the risk of floor scratching is minimized, while also enhancing user comfort.

Note: compatible with attic ladder models: LWB, LWP, LWT, LWF-R, LTK, and LWF.

The maximum height by which the ladder can be extended depends on the specific ladder model.



LXS-M

Black stile ends, suitable for metal ladders, boost stability and protect floors with their rubber caps. They offer a solution for customized ladder lengths or altered floor thicknesses, serving as a valuable alternative to standard ladder ends.

Already included in LME.

Note: compatible with attic ladder models: LMS, LME, LMP and LMF60.

The maximum height by which the ladder can be extended depends on the specific ladder model.



METAL HANDRAIL LXH

The red-painted handrail is mounted on the angled brackets of the ladder. It can be mounted on either or both side of the ladder, making climbing easier. The handrail is available in one length: 29 1/2" for LWB, LWP, LWT, LWF-R, LTK, LWF, LMB, LMS and LME.

Note: while ordering handrail please provide attic ladder model.



FINISHING TRIM LXL

LXL trim provides a clean finish around the installed attic ladder. The trim elements are made from solid pine wood in natural colour (LXL-P) and white (LXL-W) or in white PVC (LXL-PVC).

The LXL-PVC trim does not require installation hardware.

LXL-W available in universal size 30" x 56 1/2".

Note: compatible with attic ladder models: LWP, LWT, LTK, LWF, LMS, LMP, LMF60.



LADDER BALUSTRADE LXB-U

The attic railing serves as a safety barrier, preventing individuals from falling through the floor opening. It also aids in descending the ladder. The railing is constructed from pine wood and is only available in a single size: 30"x54". If necessary, it can be trimmed to precisely fit smaller rough openings. The height of the railing is 43 1/4".

Note: compatible with all attic ladders.



INSTALLATION BRACKETS L XK

Installation brackets facilitate attic ladder installation in the ceiling.

Note: compatible with ladder models:

LWB, LWP, LTK, LWT, LWF30, LWF-R, LMB, LMS and LME.

Already included in LMP, LML, LMF60, LST and LSF.



Installation brackets	LWB	LWP	LWT	LWF	LMB	LMS	LMP	LWF-R	LWF-RI	LTK Energy	LMF60
Maximum ceiling depth	13¾"	13¾"	17"	17"	13¾"	13¾"	15¾"	13¾"	13¾"	15 ¼"	17 ¼"

UPPER HATCH LXW-B

The upper hatch is a great solution to improve insulating parameters of an attic ladder. R-value can be improved by 100% for some ladder models (details are shown on the specific model page). In addition, the upper hatch also prevents dust from accumulating on the hatch and steps of the closed attic ladder. The height of the upper hatch box is 7 ¾" and the hatch thickness is 1 ¾". Available for ladders LWB, LWP, LTK, LWT, LWF30, LWF-R, LMB, LMS, LME, LMP, LML, LMF60 and LST. For the LST model ladder, the extension box LXN should be installed prior to the upper hatch.



Note: while ordering the LXW-B please provide ladder model and size.

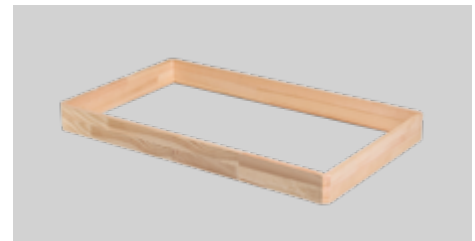
Manufacturer's part number	869702	869703	869704	869705	869706	869707	869708
Size	22,5"x47"	25"x47"	22,5"x54"	25"x54"	30"x54"	22,5"x31"	27"x31"

BOX EXTENSION LXN-B

The box extension matches perfectly with the box of the installed ladder; extending the aesthetic look of the ceiling opening. The standard box height is 4" and made of pine wood. Available for ladders LWB, LWP, LWT, LWF, LMB, LMS, LML, LWF-R, LTK, LMP, LST.

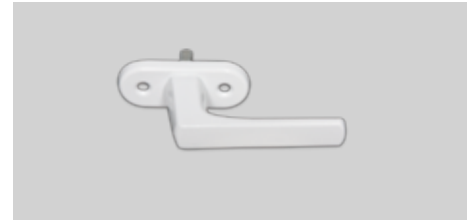
Note: while ordering the LXN-B please provide ladder model and size.

Manufacturer's part number	869709	869710	869711	869712	869713	869714	869715
Size	22,5"x47"	25"x47"	22,5"x54"	25"x54"	30"x54"	22,5"x31"	27"x31"



HANDLE LXZ

The LXZ handle allows the user to close the LXW-B upper hatch from the attic side e.g. during maintenance work in the attic or roof.



ADDITIONAL STEP LSS

To increase the length of the **LST** ladder you can add an extra step:

LSS-38 for sizes: 27½ x 31½ and 30½ x 54

LSS-31 for sizes: 22½ x 31, 22½ x 47, 22½ x 54, 25 x 47, 25 x 54



To increase the length of the **LSF** ladder you can add an extra step:

LSS-30 for size 22 x 47, LSS-32 for size 25 x 47.



ADDITIONAL STEP LXT

An additional step makes climbing the ladder easier. While it increases the comfort and safety of access to the attic it is especially recommended in situations where the upper hatch is installed on the attic ladder's box or in a thick ceiling. The LXT step is installed between the last step of the ladder and the floor of the attic. Standard width of the LXT additional step is 11¾".

Note: compatible with ladder models: LWB, LWP, LMS and LME.

For other models please consult with the seller before purchasing to ensure compatibility.



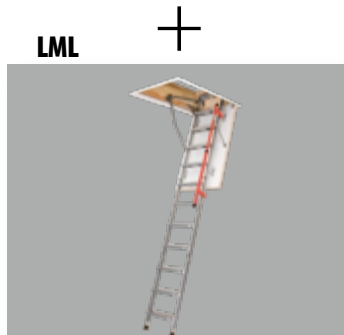
FLAT ROOF ACCESS HATCH + FOLDING LADDERS SYSTEM

DRL

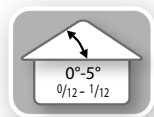
The DRL roof access hatch is an innovative product that provides safe and comfortable access to the flat roof. DRL 27x59 can be combined with specially designed FAKRO LML ladder.



- mounted on the roof surface
- the whole structure is insulated



- can be installed in the opening under the DRL roof access door
- gas piston supports unfolding and folding the ladder
- additional upper tread for safe step-up
- wide 5" (13cm) anti-slip treads



FLAT ROOF ACCESS DOOR DRL DIMENSIONS

Size	30" x 30"	30" x 36"	36" x 36"	27½" x 59½"
DRL	+	+	+	+

Ceiling height	9' 2¾"	10'	
Attic ladder size	23½" x 47"	27½" x 47"	27½" x 51"

LML	+	+	+
-----	---	---	---

best match



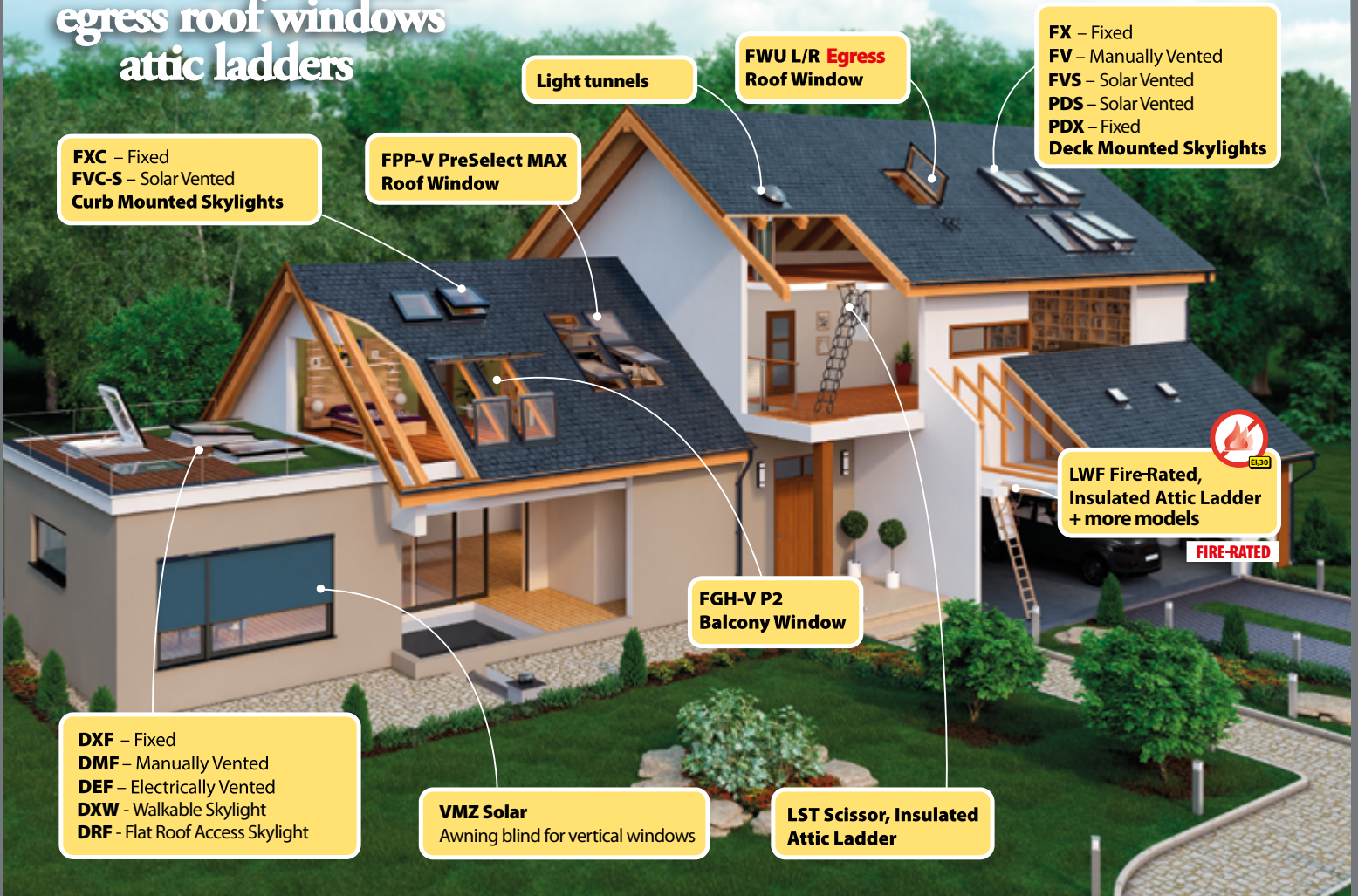
Features:

- the frame is constructed of multi-chamber PVC profiles filled with insulation
- insulated sash equipped with a rubber seal ensures perfect thermal insulation performance
- opens up to 80°. Gas springs facilitate opening and closing, and the sash can be left open
- anti-slip tape on the base ensures safe access to the flat roof
- can be mounted on an additional XRD base with a height of 6" (15 cm) for installation in green and living roofs
- suitable for roof pitches between 0° and 5°

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FIRE-RATED

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DMF – Manually Vented
DEF – Electrically Vented
DXW - Walkable Skylight
DRF - Flat Roof Access Skylight

VMZ Solar
Awning blind for vertical windows

LST Scissor, Insulated Attic Ladder

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