



Smart Attic LADDERS

30 YEARS
HOME SOLUTIONS

FAKRO®

BASIC

(NOT FOR THE INTERIOR OF HOUSES)

WOOD

METAL

LWN 300lbs

LWB 300lbs

OWM 350lbs

LMB 350lbs

PREMIUM

(FOR THE INTERIOR OF HOUSES)

WOOD

METAL

METAL SCISSOR

LWP 300lbs

LMS 350lbs

LST 350lbs



p.4



p.5



p.12



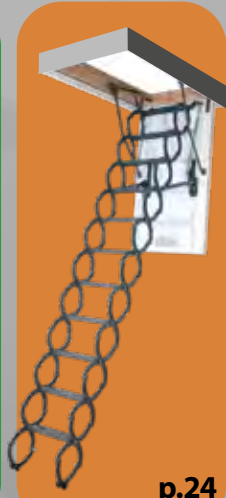
p.13



p.6



p.14



p.24

HOW TO CHOOSE AN ATTIC LADDER?

INSULATED

SPECIAL

R-value 12.5

LWT 300lbs

Increased
Comfort

LML 350lbs

12' Ceiling

LMP 350lbs

FIRE-RATED

43 min
ASTM E119

LWF 300lbs

60 min
ASTM E119

LMF 350lbs

60 min
EN-13501-2

LSF 350lbs



p.8



p.18



p.16



p.10



p.20



p.26

WOODEN FOLDING ATTIC LADDER

LWN
NON-INSULATED

FEATURES



beige hatch – string



non-slip steps



simple installation



additional accessories
available – pages 29-31








1 year
warranty

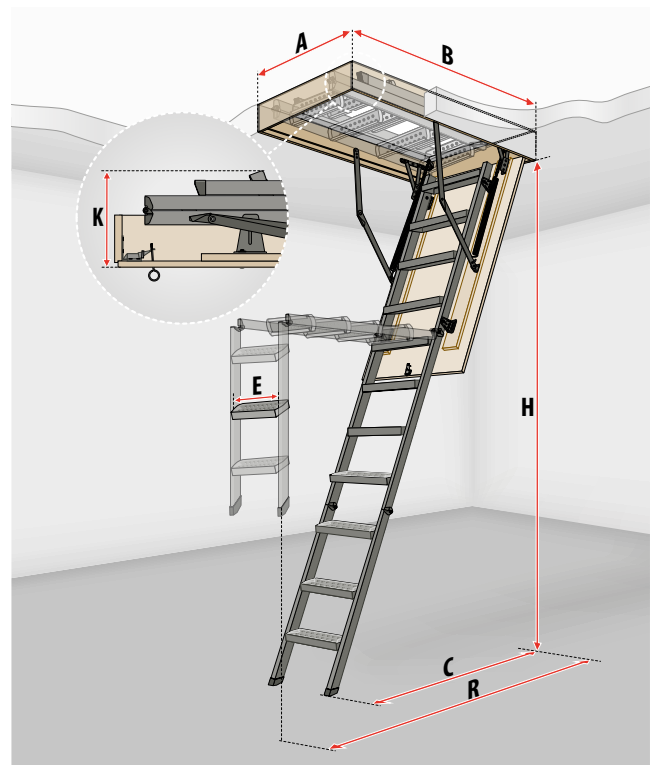


The **LWN** model is a basic attic ladder (**DESIGNED FOR NON-INSULATED GARAGES OR BARNES. NOT FOR THE INTERIOR OF HOUSES**) that is ideal for occasional use in areas where an insulated attic ladder is not needed. The particle board hatch door is paintable to match any ceiling color. Springs are located parallel to the door making entry to the attic wider and more comfortable. The door is well balanced; no sudden movements.

ATTIC LADDER DIMENSIONS

						
LWN		22½x47	25x47	22x54	25x54	30x54
Manufacturer's part number		66860	66861	66862	66863	66864
Ceiling height	H	7'2" - 8'11"		7'11" – 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"
Internal frame dimensions		20½"x44⅞"	23"x44⅞"	20½"x51¾"	23"x51¾"	28½"x51¾"
Projection	R	66½"		74½"		
Landing space	C	58½"		64"		
Folded ladder height	K	9½"				
Frame height		4½"				
Approx. Weight (lbs)		55	56	57	62	64
Step length	E	13¼"				
Step width		3⅞"				
Distance between steps		9⅞"				

Available only in sizes given above.



WOODEN FOLDING ATTIC LADDER

**SPECIAL ORDER
NOT IN STOCK**

LWB
BASIC
-INSULATED



insulated door
ready for paint



weather seal
gasket



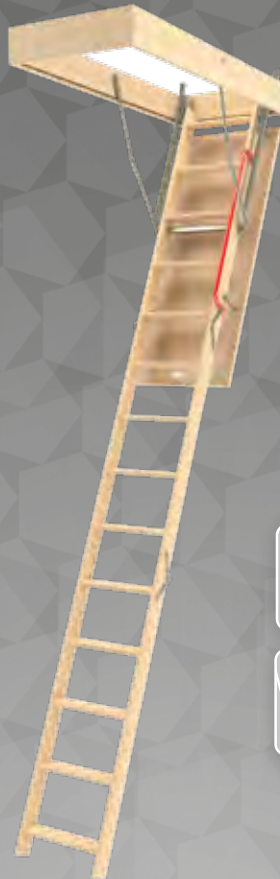
non-slip steps



handrail



additional accessories
available — pages 29-31



3.7
R-value

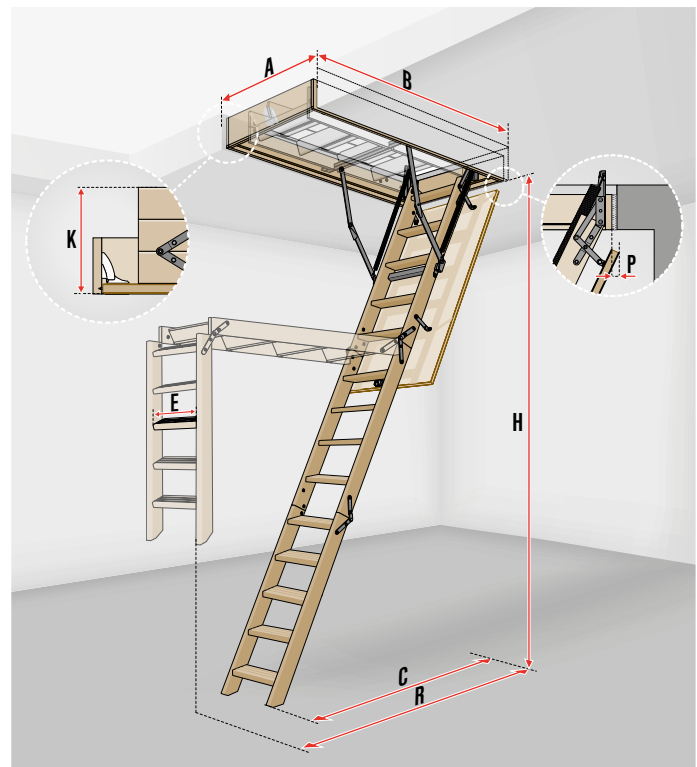


The **LWB** model is a basic insulated attic ladder made of pine wood. It allows access to otherwise unobtainable attic spaces with the hassle and clutter of an extension ladder. Each LWB model is equipped with a handrail, insulated door and weather seal gasket to reduce heat loss.

maximum capacity: 300 lbs
hatch thickness: 1"

ATTIC LADDER DIMENSIONS

LWB		22½"x54"	25"x54"	30"x54"
Manufacturer's part number		869257	869258	869259
Ceiling height	H	7'10" - 10'1"		
Rough opening	AxB	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x53½"	24½"x53½"	29½"x53½"
Internal frame dimensions		20½"x44⅞"	23"x44⅞"	28"x51¾"
Projection	R	69½"		
Landing space	C	59¼"		
Folded ladder height	K	10 ½"		
Board movement after opening	P	⅝"		
Distance between steps	G	9⅞"		
Frame height		5 ½"		
Approx. Weight (lbs)		59	61	65
Step length	E	13⅜"		
Step width		3⅞"		
Step thickness		⅞"		



Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

LWP
INSULATED

5.9
R-value

max
300
lbs



The **LWP** model is an insulated attic ladder made of pine wood. It allows access to otherwise unusable attic spaces without the hassle and clutter of an extension ladder. Each unit is equipped with a handrail which assists in climbing up and down the ladder.

Adjusting system for the length of the ladder to the ceiling height after cutting (up to 1 ½ in.)

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

1 ¾" thick insulated sandwich door helps reduce energy costs.

FEATURES



insulated door ready for paint



weather seal gasket



handrail



non-slip steps



simple installation



up to 1 ½ in. ceiling height adjustment



additional accessories available – pages 29-31



2 year warranty

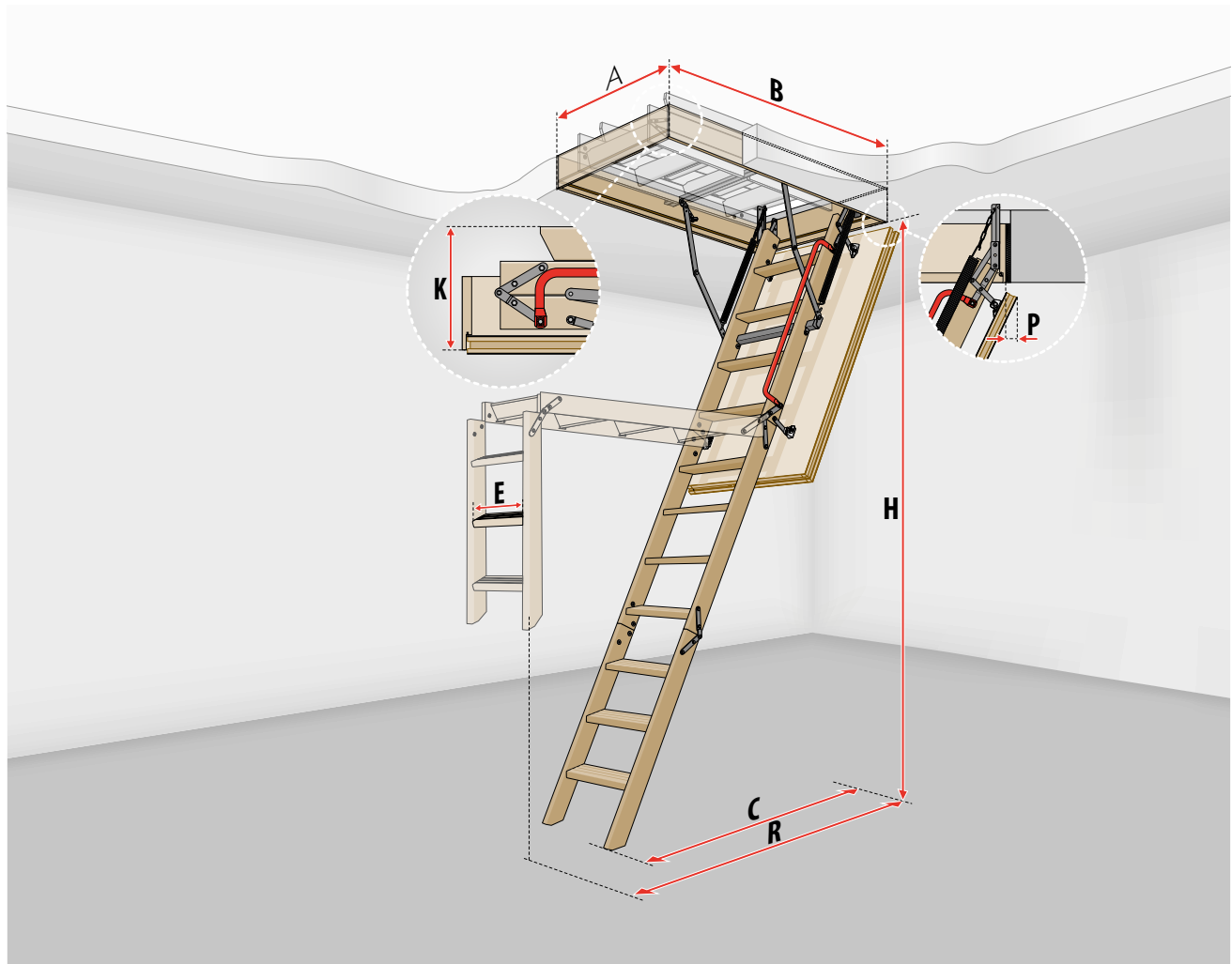
R-value
with optional upper hatch











Details p.30

fully assembled and ready
for quick installation in the ceiling





ATTIC LADDER DIMENSIONS

									
LWP		22½x47	25x47	22½x54	25x54	30x54	22½ x 54	25x54	30x54
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	22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x46⅝"	24½"x46⅝"	22"x53½"	24½"x53½"	29½"x53½"	22"x53½"	24½"x53½"	29½"x53½"
Internal frame dimensions		20½"x44⅞"	23"x44 ⅞"	20 ½"x51¾"	23"x51¾"	28"x51¾"	20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	64½"		72"			75"½"		
Landing space	C	57½"		64"			65"½"		
Folded ladder height	K	10¾"							
Board movement after opening	P	1¼"							
Frame height		5½"							
Approx. Weight (lbs)		59	60	67	70	75	71	74	79

Step length	E	13 ¾"
Step width		3 ⅞"
Step thickness		7 ⅞"
Distance between steps		9 ⅞"

Technical specification:

maximum loading: 300 lbs
R-value: 5.9
insulation thickness: 1 ⅞"
hatch thickness: 1 ⅜"

Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

LWT
THERMO

12.5
R-value



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.

Adjusting system for the length of the ladder to the ceiling height after cutting (up to 1 ½ in.)

Triple gasket system guarantees an effective seal.

Upon deployment, the hinges automatically adjust the ladder to release the ladder until fully deployed on the ground.

Sandwich insulated lid provides excellent thermal properties.

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

FEATURES



3" thick insulated door with white finish



plastic ends



three weather seal gaskets x3



non-slip steps



handrail



up to 1 ½ in. ceiling height adjustment



simple installation



additional accessories available – pages 29-31



2 year warranty

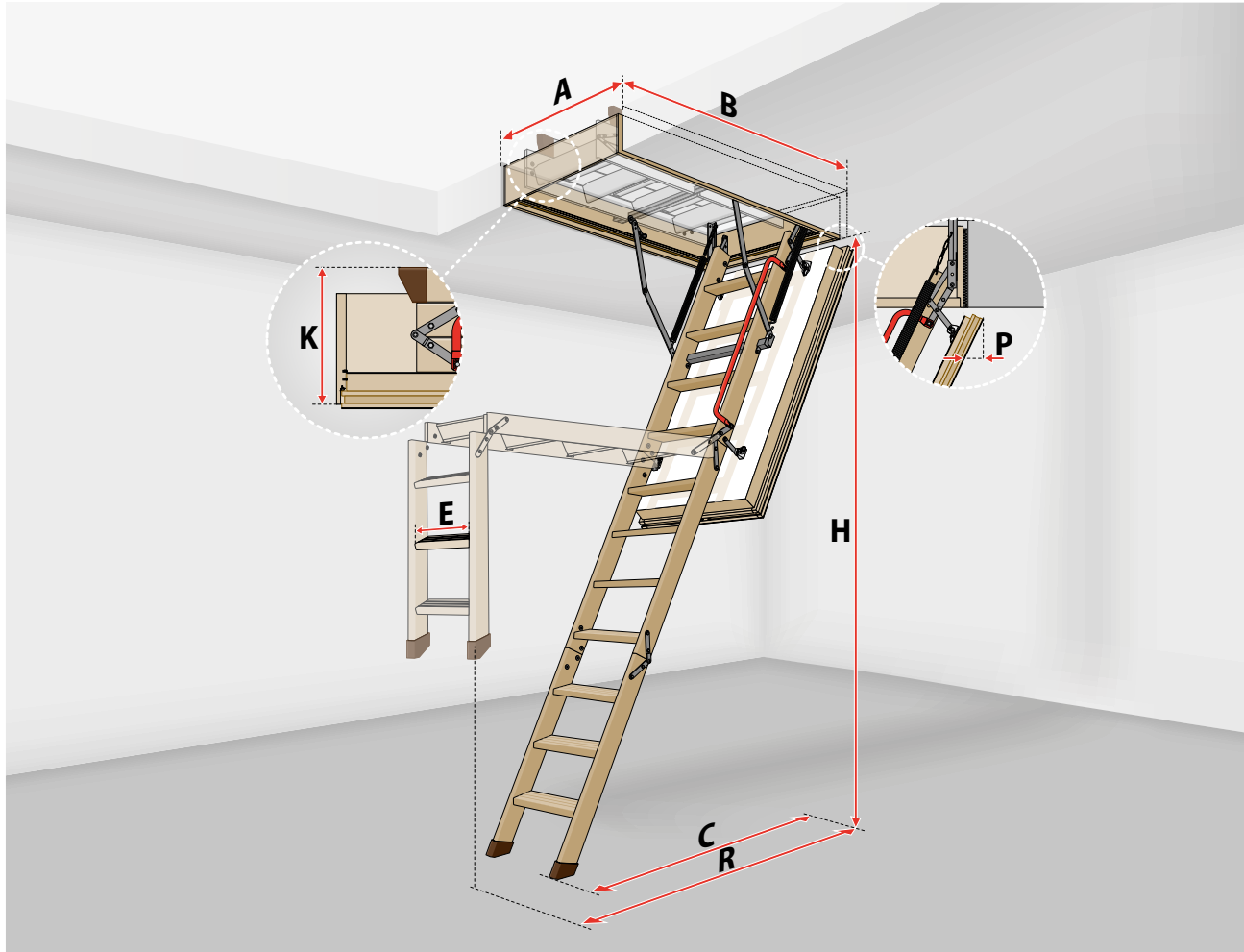
R-value
with optional upper hatch








Details p.30

fully assembled and ready
for quick installation in the ceiling



**ATTIC LADDER DIMENSIONS**

						
LWT		22½x47	25x47	22½x54	25x54	30x54
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"
Internal 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		8⅝"				
Approx. Weight (lbs)		70	73	75	80	85

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

Technical specification:
maximum loading: 300 lbs
R-value: 12.5
insulation thickness: 2⅞"
hatch thickness: 3⅞"

Available only in sizes given above.

WOODEN FOLDING ATTIC LADDER

LWF 30

FIRE-RATED

9.5
R-value

max
300
lbs

43
Minutes Rating
ASTM E119

30
Minutes Rating
NFPA 288

Adjusting system for the length of the ladder to the ceiling height after cutting (up to 1 ½ in.)

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.

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.

Upon deployment, the hinges automatically adjust the ladder to release the ladder until fully deployed on the ground.

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

FEATURES



fire-resistant insulated door with white finish



plastic ends



three weather seal gaskets



handrail



non-slip steps set flush with the ladder's stringers



up to 1 ½ in. ceiling height adjustment



additional accessories available – pages 29-31



2 year warranty

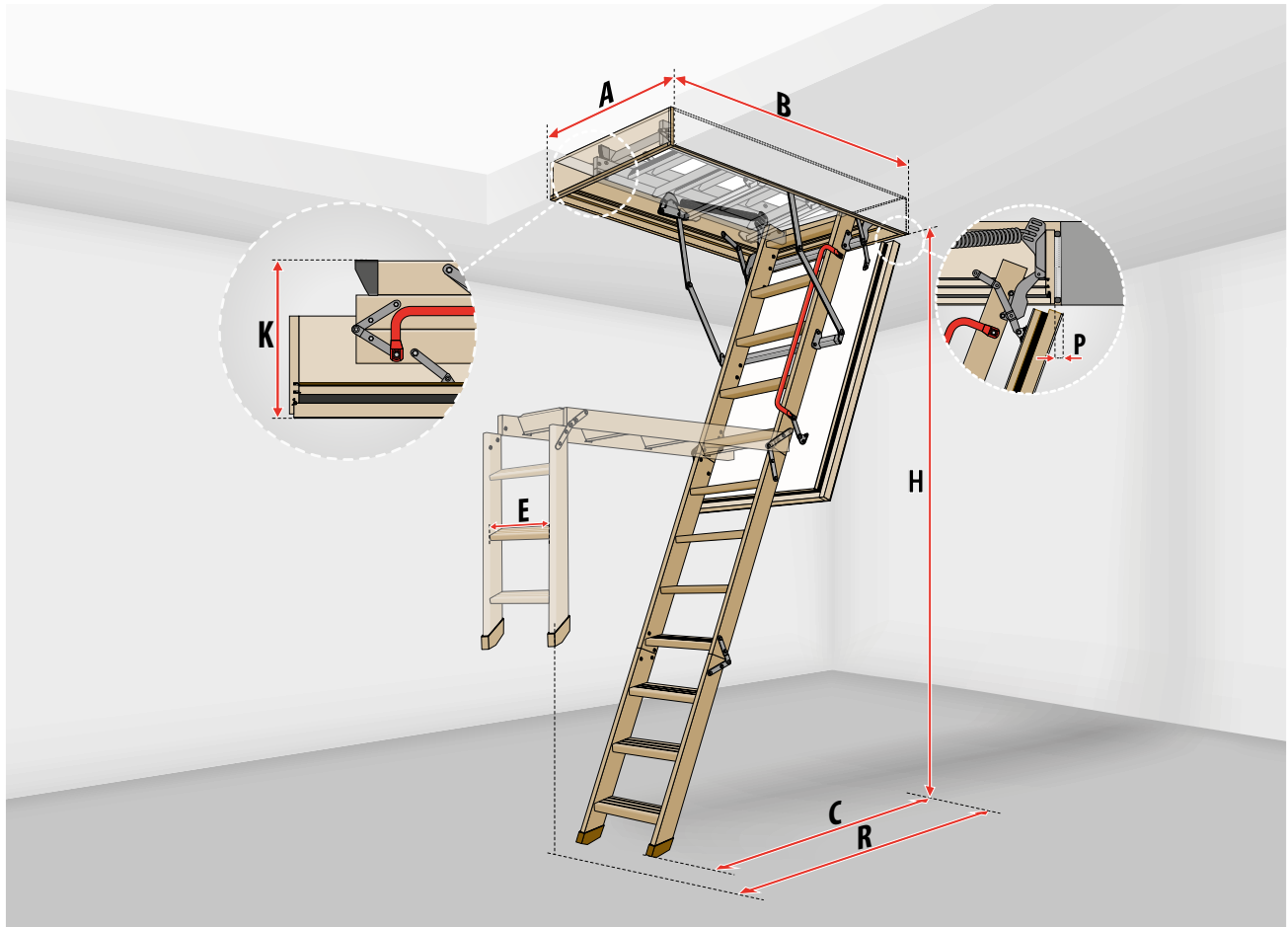
R-value
with optional upper hatch








Details p.30

fully assembled and ready for quick installation in the ceiling



**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"
Internal 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	1⅝"				
Approx. Weight (lbs)		98	104	105	110	123

Step length	E	13⅝"
Step width		3⅞"
Step thickness		⅞"

Technical specification:

maximum loading: 300 lbs**R-value: 9.5****insulation thickness: 2 ⅞"****hatch thickness: 3 ⅛"**

Available only in sizes given above.

METAL FOLDING ATTIC LADDER

OWM
NON-INSULATED

FEATURES



beige hatch
— metal hook



plastic
ends



non-slip
steps



additional accessories
available — pages 29-31








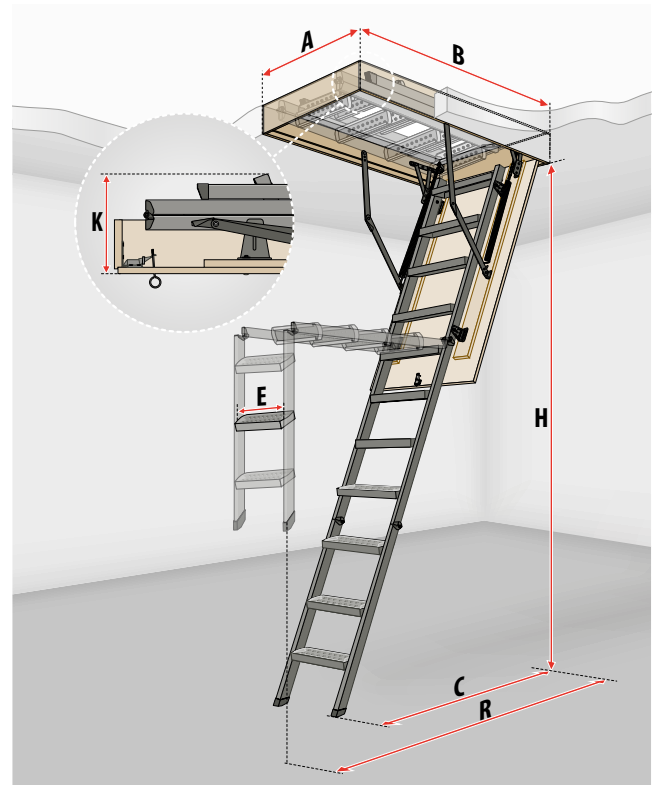
1 year
warranty



The **OWM** model is a metal folding attic ladder non-insulated, (**DESIGNED FOR NON-INSULATED GARAGES OR BARNES. NOT FOR THE INTERIOR OF HOUSES**) with a paintable, particle board hatch door. The ladder is mounted to the door with brackets that allow minor adjustments to the length of the ladder as well as the space between the ladder and the door.

ATTIC LADDER DIMENSIONS

						
OWM		22½x47	25x47	22x54	25x54	30x54
Manufacturer's part number		66860	66861	66862	66863	66864
Ceiling height	H	7'2" - 8'11"		7'11" – 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"
Internal frame dimensions		20½"x44⅞"	23"x44⅞"	20½"x51¾"	23"x51¾"	28½"x51¾"
Projection	R	66½"		74½"		
Landing space	C	58½"		64"		
Folded ladder height	K	9½"				
Frame height		4½"				
Approx. Weight (lbs)		55	56	57	62	64
Step length	E	13¼"				
Step width		3⅝"				
Distance between steps		9⅞"				



Available only in sizes given above.

METAL FOLDING ATTIC LADDER

**SPECIAL ORDER
NOT IN STOCK**

LMB
**BASIC
-INSULATED**

FEATURES



insulated door ready for paint



weather seal gasket



plastic ends



non-slip steps



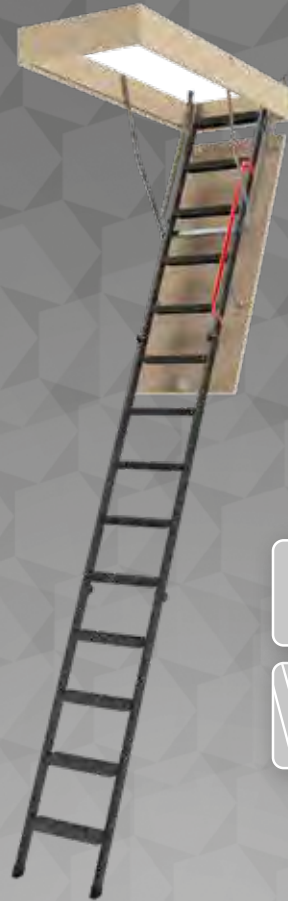
handrail



additional accessories available — pages 29-30



1 year warranty



3.7
R-value



The **LMB** model is a basic insulated metal attic ladder. It features standard accessories for the user to access space in the attic all while equipped with a handrail, insulated door and a weather seal gasket to reduce heat loss.

maximum capacity: 350 lbs
hatch thickness: 1"

ATTIC LADDER DIMENSIONS

LMB		22½"x54"	25"x54"	30"x54"
Manufacturer's part number		869263	869264	869265
Ceiling height	H	7'8" - 10'3"		
Rough opening	AxB	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x53½"	24½"x53½"	29½"x53½"
Internal frame dimensions		20½"x51¾"	23"x51¾"	28"x51¾"
Projection	R	71 ½"		
Landing space	C	61½"		
Folded ladder height	K	9½"		
Distance between steps		9⅞"		
Frame height		5½"		
Approx. Weight (lbs)		69	71	76
Step length	E	13¼"		
Step width		3⅞"		

Available only in sizes given above.



METAL FOLDING ATTIC LADDER

LMS
INSULATED

5.2
R-value

max
350
lbs



The use of the metal ladder with special hinge structure guarantees high durability – maximum loading 350 lbs.

The **LMS** model is a metal, three section folding attic ladder featuring an insulated, beige, paintable hatch door. The ladder is mounted to the door with brackets that allow minor adjustments to the length of the ladder and the space between the ladder and the door.

1½" thick insulated sandwich door helps reduce energy costs.

Adjustable distance between step and door for increased safety

Extra ladder height adjusting feature (by 1½")

FEATURES



insulated door ready for paint



plastic ends



peripheral gasket



non-slip steps



up to 1½ in. ceiling height adjustment



additional accessories available – pages 29-31



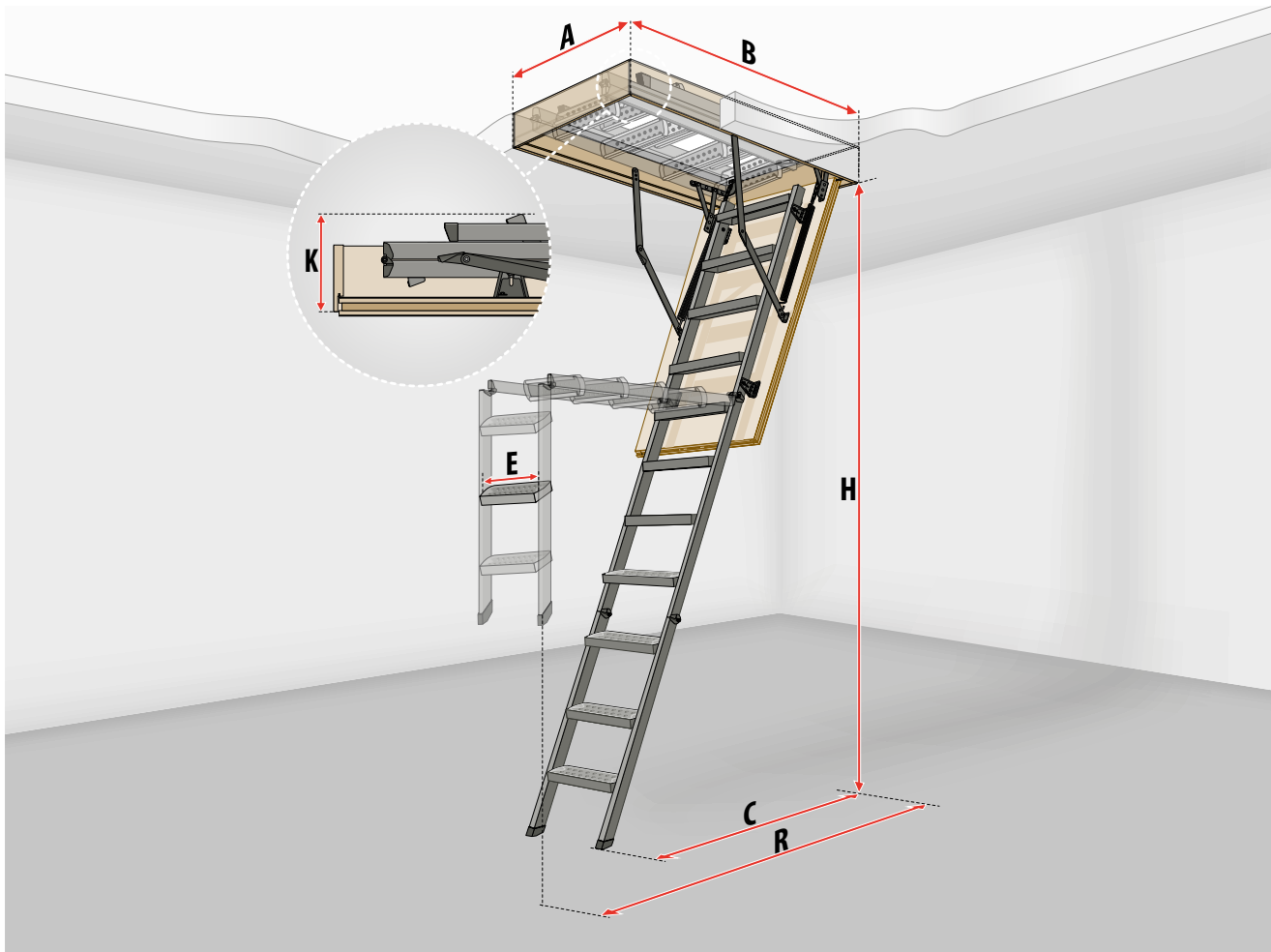
2 year warranty

R-value
with optional upper hatch








Details p.30





ATTIC LADDER DIMENSIONS

						
LMS		22½x47	25x47	22x54	25x54	30x54
Manufacturer's part number		66865	66866	66867	66868	66869
Ceiling height	H	7'2" - 8'11"		7'11" - 10'1"		
Rough opening	AxB	22½"x47"	25"x47"	22½"x54"	25"x54"	30"x54"
Outside frame dimensions		22"x46⅞"	24½"x46⅞"	22"x53½"	24½"x53½"	29½"x53½"
Internal frame dimensions		20½"x44⅞"	23"x44 ⅞"	20½"x51¾"	23"x51¾"	28½"x51¾"
Projection	R	65½"		73¼"		
Landing space	C	56"		62¼"		
Folded ladder height	K	10"				
Frame height		5½"				
Approx. Weight (lbs)		62	64	70	72	75

Step length	E	13⅜"
Step width		3⅜"
Distance between steps		9⅞"

Technical specification:

maximum loading: 350 lbs
R-value: 5.2
insulation thickness: 1 ⅞"
hatch thickness: 1 ⅜"

Available only in sizes given above.

METAL FOLDING ATTIC LADDER

12 FT. CEILING

NEW!

LMP
INSULATED

5.2
R-value

max
350
lbs

Adjusting system for the length of the ladder to the ceiling height after cutting (up to 1 ½ in.)

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

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.

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.

FEATURES



insulated door with white finish



plastic ends



weather seal gasket



ladder unloading mechanism, built into the handrail



non-slip steps



up to 1 ½ in. ceiling height adjustment



intended for installation in high ceilings



additional accessories available – pages 29-31



2 year warranty

R-value
with optional upper hatch






Details p.30

fully assembled and ready
for quick installation in the ceiling



**ATTIC LADDER DIMENSIONS**

				
LMP		22½ x 56½	25 x 56½	30 x 56½
Manufacturer's part number		869331	869332	869333
Ceiling height	H	9'10" - 12'		
Rough opening	AxB	22½" x 56½"	25" x 56½"	30" x 56½"
Outside frame dimensions		22" x 56"	24½" x 56"	29½" x 56"
Internal frame dimensions		20½" x 54¾"	22⅞" x 54¾"	28" x 54¾"
Projection	R	77⅛"		
Landing space	C	57⅛"		
Folded ladder height	K	12⅝"		
Frame height		7⅛"		
Approx. Weight (lbs)		102	108	114

Step length	E	13⅜"
Step width		3⅛"
Distance between steps		9½"

Technical specification:
maximum loading: 350 lbs
R-value: 5.2
insulation thickness: 1⅝"
hatch thickness: 1⅜"

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.



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 plastic ends



weather seal gasket



ladder unloading mechanism, built into the handrail



non-slip steps



adjusting system for the length of the ladder to the ceiling height



quick installation in the ceiling – installation brackets



white metal trim



additional accessories available – pages 29-31



2 year warranty

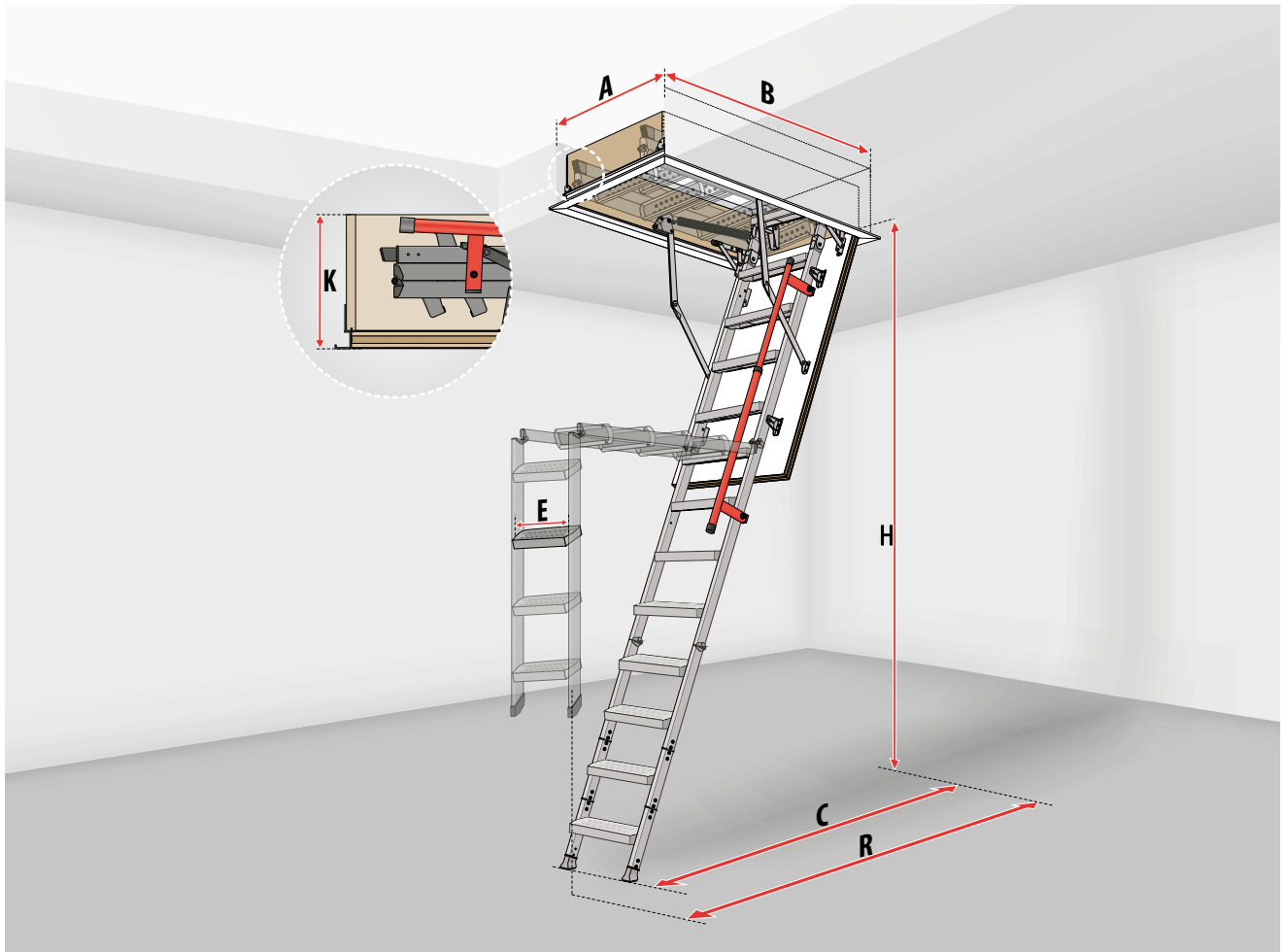
R-value
with optional upper hatch



Details p.30

fully assembled and ready
for quick installation in the ceiling





ATTIC LADDER DIMENSIONS

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

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

Step length	E	13 3/4"
Step width		5 1/8"
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"

Available only in sizes given above.

METAL FOLDING ATTIC LADDER

NEW!

LMF 60
FIRE-RATED

8.9
R-value

max
350
lbs

60
Minutes Rating
ASTM E119

60
Minutes Rating
NFPA 288

A system of three rubber gaskets guarantee an airtight seal.

telescopic handle
on models
made for 11'10" high ceiling

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

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

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-resistant insulated door with white finish



quick installation in the ceiling – installation brackets



plastic ends



up to 1 1/2 in. ceiling height adjustment



weather seal gasket



11'10" available for installation in high ceilings



handrail (10'1" max. ceiling ladders)



telescopic handrail (11'10" max. ceiling ladders)



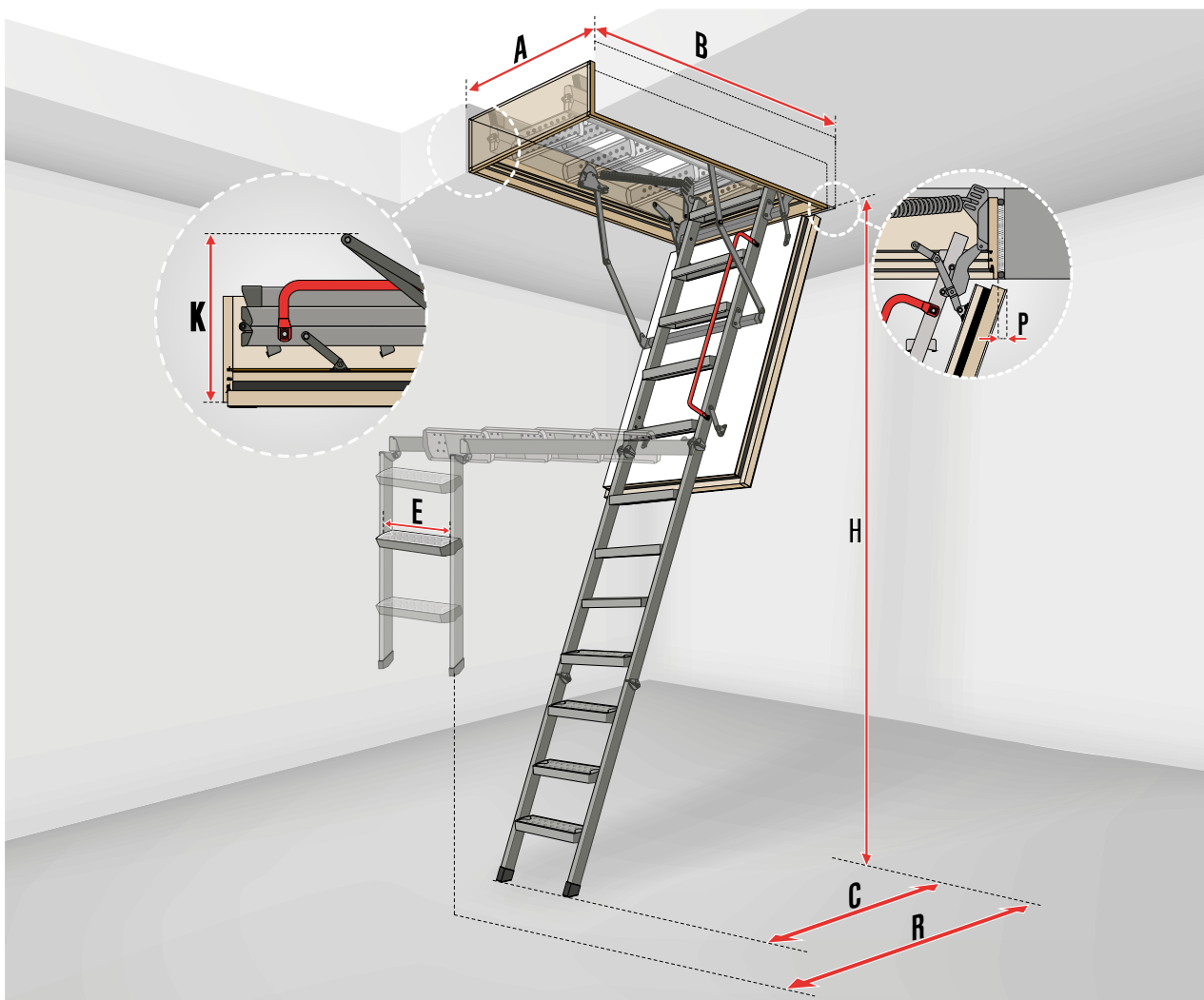
non-slip metal steps








2 year warranty

fully assembled and ready for quick installation in the ceiling





ATTIC LADDER DIMENSIONS

						
LMF 60		22½x54	25x54	30x54	25x56½	30x56½
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"	30"x54"	25"x56½"	30"x56½"
Outside frame dimensions		22"x53½"	24½"x53½"	29½"x53½"	24½"x56"	29½"x56"
Internal frame dimensions		20½"x51¾"	23"x51¾"	28"x51¾"	22⅞"x54⅜"	28"x54⅜"
Projection	R	72"			76"	
Landing space	C	61"			61"	
Folded ladder height	K	16"				
Board movement after opening	P	1¾"				
Frame height		8⅞"				
Approx. Weight (lbs)		111	115	126	143	150

Step length	E	13⅜"
Step width		3⅞"
Distance between steps		9 ⅞" - 9 ½"

Technical specification:
maximum loading: 350 lbs
R-value: 8.9
insulation thickness: 3 ⅞"
hatch thickness: 3 ⅜"

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

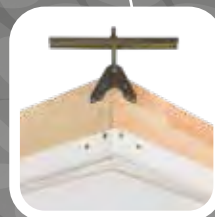
LST

INSULATED

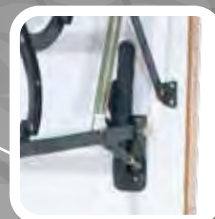
5.2
R-value



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



adjusting system for the length of the ladder to the ceiling height



quick installation in the ceiling – installation brackets

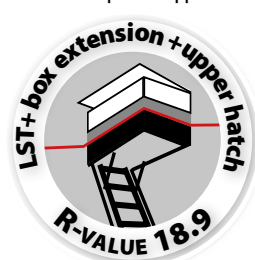


additional accessories available – pages 29-31



2 year warranty

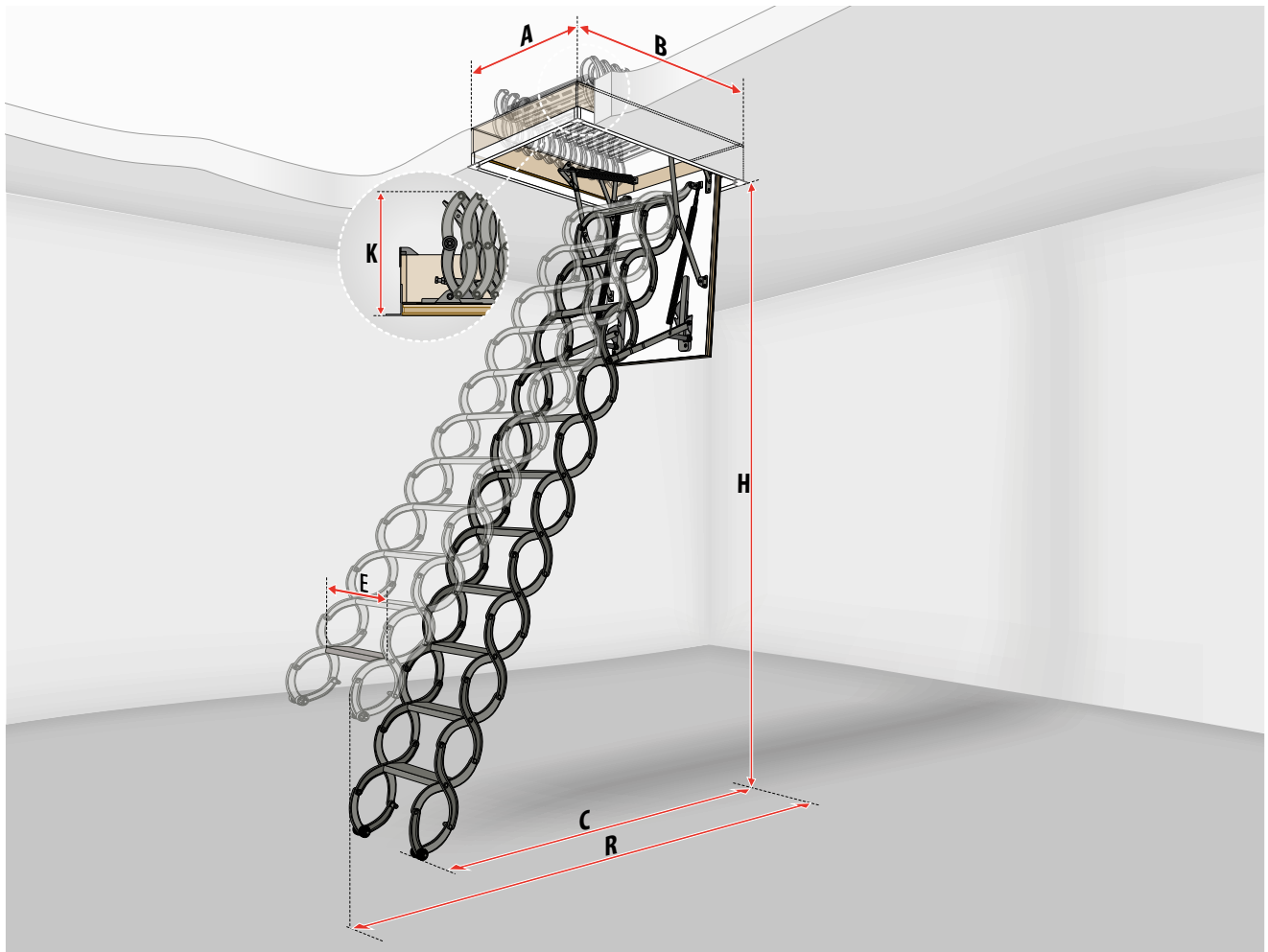
R-value
with optional upper hatch










Details p.30

fully assembled and ready
for quick installation in the ceiling





ATTIC LADDER DIMENSIONS

								
LST		22½x31½	27½x31½	22½x47	25x47	22½x54	25x54	30 ½ x 54
Manufacturer's part number		66875	66876	66820	66821	66822	66823	66877
Ceiling height	H	8'2⅜" – 9'2¼"						
Rough opening	AxB	22½"x31½"	27½"x31½"	22½"x47"	25"x47"	22½"x54"	25"x54"	30 ½"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"x55 ¾"
Internal frame dimensions		20½"x29¼"	25⅞"x29¼"	20½"x44¾"	22⅞"x44¾"	20½"x51⅞"	22⅞"x51¾"	28"x51 ¾"
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 length	E	11⅞"	15"	11⅞"				15"
Step width		3⅞"						
Possibility of adding additional steps		LSS-31	LSS-38	LSS-31				LSS-38

Available only in sizes given above.

1 step removed	1 additional step	2 additional steps
7'6½"	8'2⅜"	9'2¼"
9'2¼"	9'10⅞"	9'10⅞"
9'10⅞"	10'10"	
Ladder dimensions are equal to all sizes.		
55⅞"	63"	67"
53⅞"	51⅞"	59"
57⅞"	63"	59"

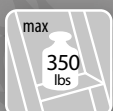
Technical specification:

maximum loading: 350 lbs
R-value: 5.2
insulation thickness: 1 ⅞"
hatch thickness: 1 ¾"

METAL SCISSOR ATTIC LADDER

LSF

FIRE-RATED
60 MIN



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 lining the lid expands under extreme heat, sealing the unit to prevent any access of fire or smoke.



Adjustable length by adding or detaching a step.

FEATURES



fire-resistant metal door with white finish



white metal trim



quick installation in the ceiling
– installation brackets



additional accessories available
– pages 29-31



non-slip steps



can add or detach steps

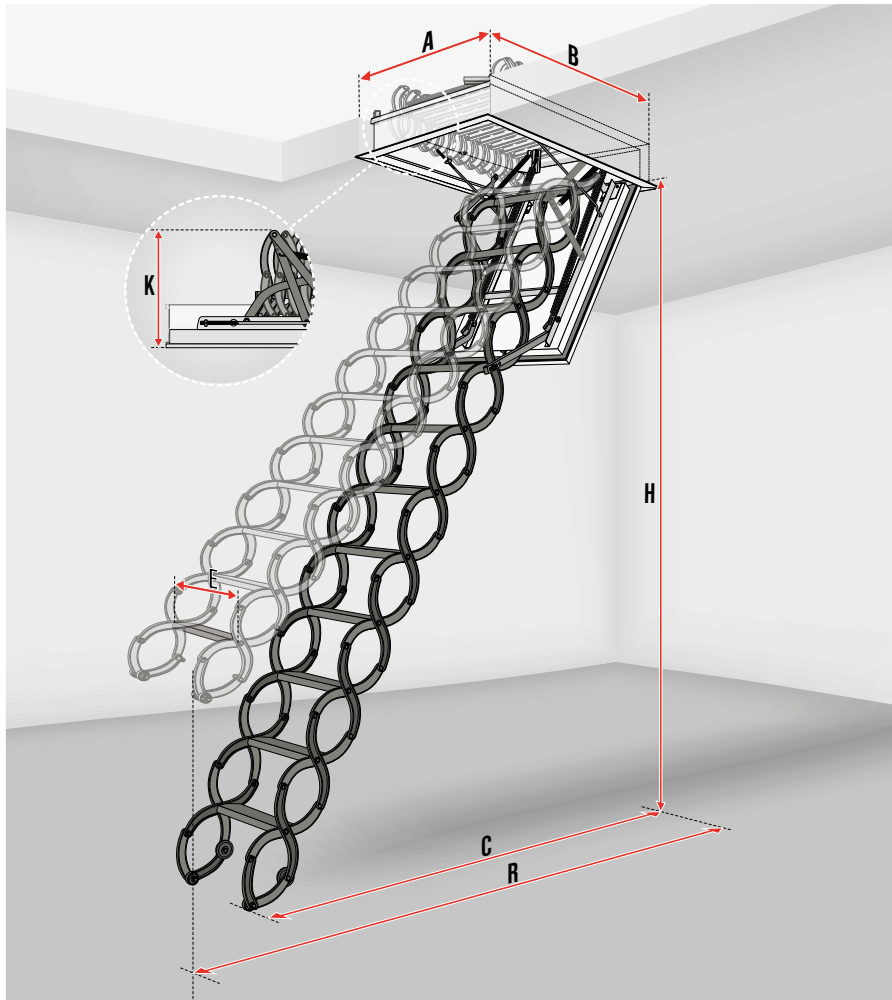


adjusting system for the length of the ladder to the ceiling height



2 year warranty





ATTIC LADDER DIMENSIONS

										
LSF		22½x47	25x47	1 step removed		standard length of ladder (10 steps)		1 additional step		
Manufacturer's part number		66858	66859							
Ceiling height	H	8'10¼" – 9'10⅝"		7'10½"		8'10⅝"	8'10⅝"	9'10⅝"	9'10⅝"	10'6"
Rough opening	AxB	22½"x47"	25"x47"	Ladder dimensions are equal to all sizes.						
Outside frame dimensions		22"x46⅝"	24½"x46⅝"							
Outside frame dimensions including trim		24½"x49"	27"x49"							
Internal frame dimensions		20"x45¼"	22½"x45¼"							
Projection	R	67" – 71"		65"	65"	67"	71"	72⅞"	82¾"	
Landing space	C	65" – 51¼"		39⅜"	55⅝"	65"	51¼"	47¼"	55⅝"	
Folded ladder height	K	17¾"								
Frame height		5½"								
Approx. Weight (lbs)		138	154							
Step length	E	11⅞"	12⅝"							
Step width		3⅝"								
Possibility of adding additional steps		LSS-30	LSS-32							

Available only in sizes given above.

Technical specification:

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

KNEE WALL ACCESS DOORS

DWK

The DWK Knee wall access door is intended to be built into L-shaped walls. Thermo-insulating parameters (R-value: 5.2*) along with increased air tightness keeps heat-loss to a minimum. Knee wall access door may be installed in right or left opening versions. Trims are included in the standard configuration.

* manufacturer's internal calculations

DWK KNEE WALL ACCESS DOOR		21 x 31	27 x 35
Rough opening [in]	AxB	21 ½ x 31 ¼	27 ½ x 35 ¼
Frame external dimensions [in]	WxL	21 x 31	27 x 34 ¾
Frame internal dimensions [in]	MxN	19 x 28 ¾	24 ¾ x 32 ¾
Frame depth [in]	S	3 ¾	
Frame thickness[in]	Z	1	



5.2
R-value

DWT

The DWT Knee wall access door is new and features an energy efficient design. The 2 ½" 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 finishing lining. DWT Knee wall access doors may be installed in right or left opening versions.

* manufacturer's internal calculations

** special order item

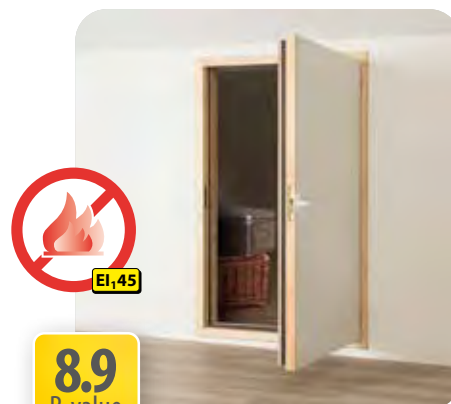


9.5
R-value

DWF

The 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 45 minutes as per EN13501. The white, 2 ½" thick sash is thermally insulated providing an excellent barrier reducing heat loss (R-value 8.9*). DWF Knee wall access doors may be installed in right or left opening versions.

* manufacturer's internal calculations



EI, 45

8.9
R-value

PLASTIC ENDS LXS

Plastic ends give an aesthetic look to the ladder's appearance. The design and shape also enhance the ladder's stability. One set contains two pieces.

Note: available for all sizes LWP, LWF, LWT, LWB.



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:

25 1/2" for OWM,

29 1/2" for LWP, LWT, LWF, LMS, LWB, LMB.

Note: while ordering handrail please provide attic ladder model.



LADDER BALUSTRADE LXB-U

The attic balustrade protects the user from falling through the opening in the attic floor. It also helps the user climb back down the ladder. The balustrade is made of pine wood and available in only one size, 30"x54". It can be cut if needed for a perfect fit for smaller rough openings. Height of the balustrade is 43 1/4".

Note: compatible with all attic ladders.



INSTALLATION BRACKETS LXK

Installation brackets facilitate attic ladder installation in the ceiling.

Note: available for ladder models: LWB, LWP, LWT, LWF, LMB, LMS, LMP.

Already included in LST, LSF and LML.

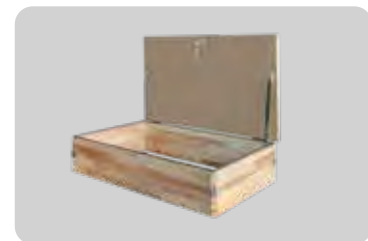
Installation brackets	LWB	LWP	LWT	LWF	LMB	LMS	LMP
Maximum ceiling thickness	13¾"	13¾"	17"	17"	13¾"	13¾"	15¾"



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, LWT, LWF, LMB, LMS, LML and LST. For the LST model ladder, the extension box LXN should be installed prior to the upper hatch.

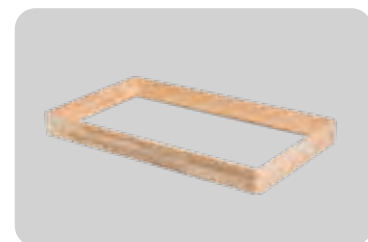
Note: while ordering the LXW-B please provide ladder model and size.



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, LST.

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



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:

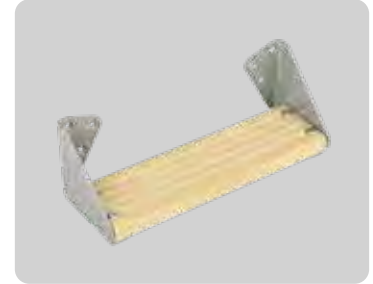
LSS-30 for size 22 x 47,
LSS-32 for size 25 x 47.



ADDITIONAL STEP LXT

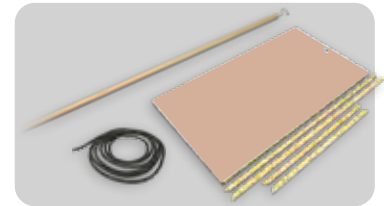
An additional step makes climbing the ladder easier. While it increases the comfort and safety of access to the attic it is especially recommended in situations where the upper hatch is installed on the attic ladder's box or in a thick ceiling. The LXT step is installed between the last step of the ladder and the floor of the attic. Standard width of the LXT additional step is 11⅞".

Note: available for ladder models LWP, LMS, LWB.



INSULATED DOOR REPLACEMENT LXI

The LXI insulated door replaces the particle board door included with the LWN non-insulated attic ladder. This replacement is insulated and sealed and increases the thermal properties of the LWN attic ladder. The replacement door consists of an insulated lid, perimeter seal, control rod and trim.



	LWN	LWB	LMB	LWP	LWT	LWF	OWM	LMS	LMP	LML	LST	LSF
Optional accessories												
Ladder balustrade LXB-U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Metal handrail LXH	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	—
Installation brackets LXK	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—
Wooden trim LXL-W	✓	—	—	✓	✓	✓	✓	✓	✓	—	—	—
PVC trim LXL-PVC	—	—	—	✓	✓	✓	—	✓	✓	—	—	—
Plastic ends LXS	✓	✓	—	✓	✓	✓	—	—	—	—	—	—
Box extension LXN-B	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓	—
Upper hatch LXW-B	✓	✓	✓	✓	✓	✓	✓	✓	—	✓	✓ ¹	—
Additional step LXT	—	✓	—	—	—	—	✓	✓	—	—	—	—
Insulated Door Replacement LXI	✓	—	—	—	—	—	—	—	—	—	—	—

¹ for the LST model ladder, the extension box should be installed prior to the upper hatch.

FLAT ROOF ACCESS DOOR

DRL

The DRL roof access door 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.



DRL



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

LML



- 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	+	+	+	+



Features:

- fully assembled product
- the frame is constructed of multi-chamber PVC profiles filled with insulation material
- insulated sash equipped with a rubber seal ensures perfect thermal insulation performance
- opens up to 60°. 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 insulated XRD base with a height of 6" (15 cm) for installation in green and living roofs
- option to install an additional ZBR lock which protects against accidental closure of the sash
- suitable for roof pitches between 0° and 5°

Ceiling height	9' 2 ¾"		10'
Attic ladder size	23½" x 47"	27½" x 47"	27½" x 51"
LML	+	+	+

best match



FAKRO®



SKYWIN FAKRO LTD.
77 Woodland Ave.
Chatham, Ontario
Canada, N7L 2S5
tel: (+1) 519-480-0629
fax: (+1) 519 352 32 33
www.fakro.ca
e-mail: orders@fakro.ca