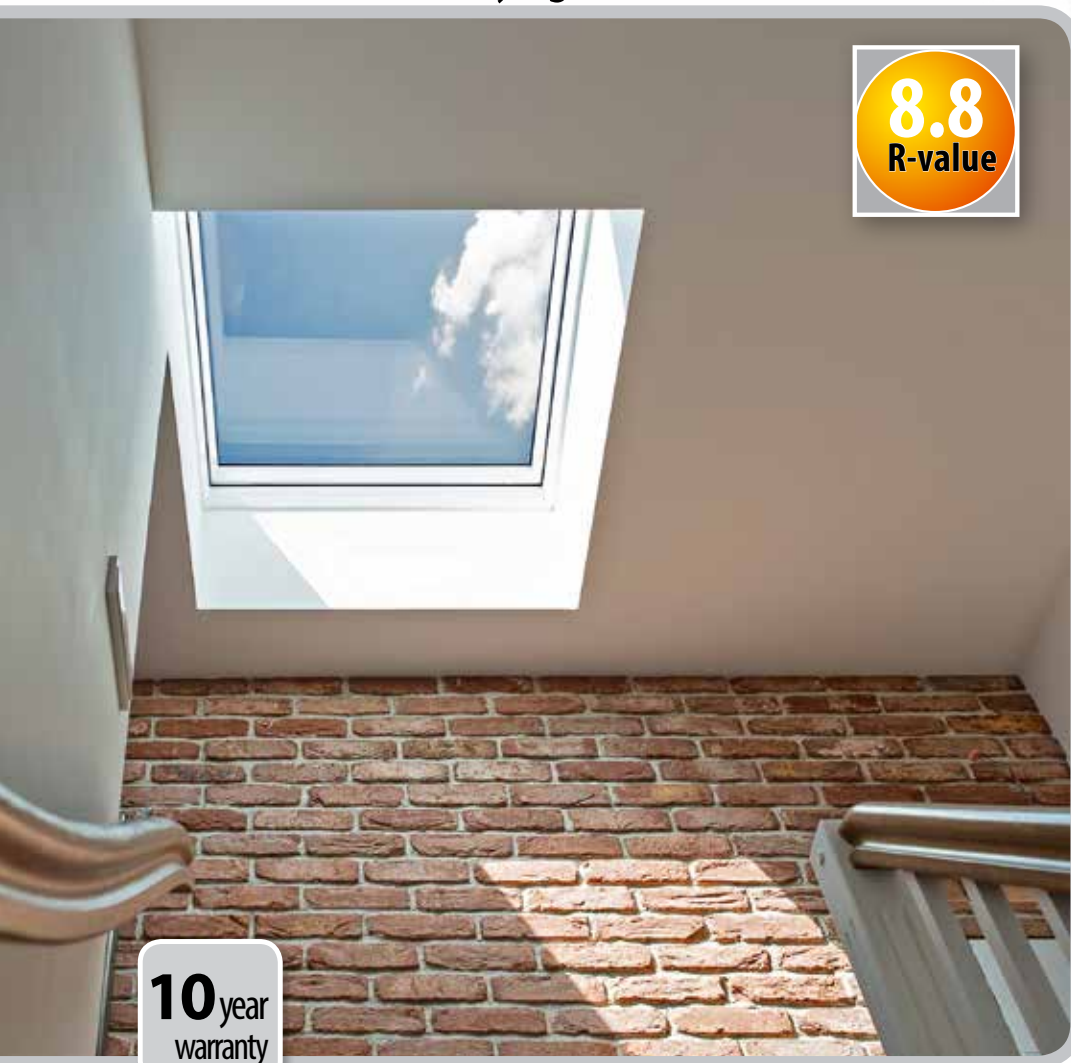


## Deck mounted skylight for a flat roof **D\_F**



**8.8**  
R-value

**10** year  
warranty

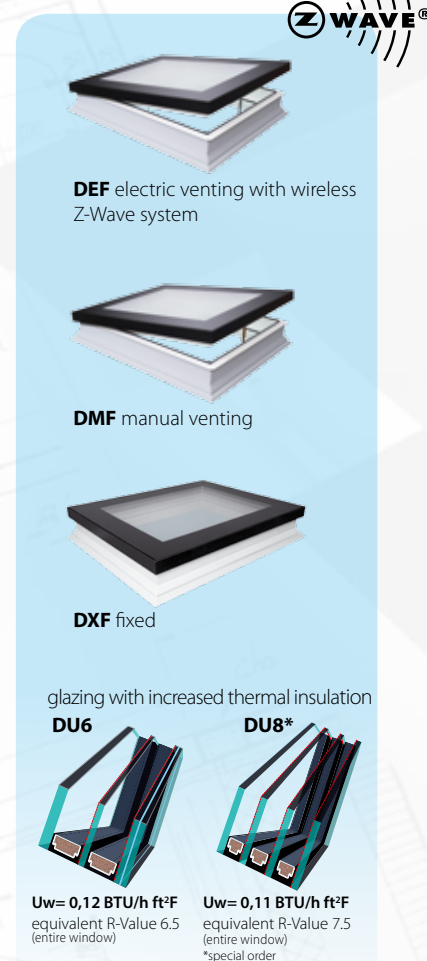
FAKRO flat roof windows **illuminate interiors with natural light**, provide room ventilation and combine **high functionality with perfect thermal insulation parameters**. Now every room under a flat roof can be **warm and full of natural light**.

- innovative glazing unit featuring modern design
- excellent thermal insulation parameters for **DU8: 0.11 BTU/h ft<sup>2</sup> F (equivalent R value 8.8)**
- window suitable for use in passive houses
- better illumination of the room – up to 16% greater glazed area when compared with other manufacturer's windows of a similar size
- available in three versions: DEF – electric venting with wireless Z-Wave system, DMF – manual venting with the use of a control rod and DXF – fixed. Electric venting DEF window is equipped with a rain sensor that automatically causes the sash to close when the first drops of rain appear.



Sizes:	22/22	22/30	22/46	30/30	46/46
Rough opening	in. 22 1/2 x 22 1/2	22 1/2 x 30 1/2	22 1/2 x 46 1/2	30 1/2 x 30 1/2	46 1/2 x 46 1/2

\*for the D\_F DU8 window according to EN 12567-2



glazing with increased thermal insulation  
**DU6**  
Uw= 0,12 BTU/h ft<sup>2</sup>F  
equivalent R-Value 6.5  
(entire window)

**DU8\***  
Uw= 0,11 BTU/h ft<sup>2</sup>F  
equivalent R-Value 7.5  
\*special order



installation in green roofs



internal and external accessories

**FAKRO**

## FLAT ROOF ACCESS SKYLIGHT **DRF**



**10** year  
warranty

- Energy-efficient design using DU6 triple-pane glazing and insulated, multi-chamber PVC frame to achieve low U-value= 0,13 BTU/hft<sup>2</sup>F.
- Safe and convenient access to a flat roof. Specially-designed hinges and a gas springs keep the window open at 80 degrees.
- Skylight is intended for a roof with a pitch between 2° and 15°.
- An anti-slip coating covers the exterior of the window for safe access to the roof.
- Excellent soundproofing performance.
- Impact resistant and laminated glass ensures durability and safety.
- Window can be fitted with optional external and internal blinds.



Sizes:	30/30	30/36	36/36	36/48	48/48
Rough opening	in. 30 1/2 x 30 1/2	30 1/2 x 36 1/2	36 1/2 x 36 1/2	36 1/2 x 48 1/2	48 1/2 x 48 1/2

\*for the D\_F DU8 window according to EN 12567-2

**FAKRO**

## Highly energy-efficient center pivot windows **FTT**



**10**  
R-value

**10** year  
warranty

**Innovative design of FTT windows ensures excellent insulation parameters. The FTT U8 Thermo roof window achieving U<sub>value</sub> = 0,10 BTU/h ft<sup>2</sup>F (equivalent R-Value 10)\* is the most energy-efficient window available on the market.**

These windows have been designed taking into account the stringent requirements of energy-efficient construction. Superb thermal performance and air-tightness, make them suitable for **air-conditioned rooms with mechanical ventilation systems as well as passive projects**. Large window sizes and raised pivot point provide ample light in the attic and unobstructed access to the open window.

- manufactured from pine wood; pressure treated and coated with acrylic lacquer
- the sash can be rotated 180° and locked in the open position in the range from 0°-45°
- suitable for roofs with pitches between 15 and 90 degrees
- **FTT U8 Thermo** - triple-chamber U8 glazing unit-value Uw = 0,10 BTU/h ft<sup>2</sup>F (**R-Value 10**)
- **FTT U6** is equipped with double-chamber glazing unit U6 - Uw= 0,14 BTU/h ft<sup>2</sup>F (**R-Value 7.0**)



Sizes:	30/46	30/55
Rough opening	in. 78x118 [cm]	78x140 [cm]
	32 1/4 x 48	32 1/4 x 56 1/2

More sizes are available on special order.

\*installed in conjunction with EHV-AT Thermo flashing



FTT U8 Thermo

FTT U6



AVAILABLE GLAZING OPTIONS

▶ Quadruple Pane DU8



FTT U8 Thermo  
equivalent R-Value 10

▶ Triple Pane DU6

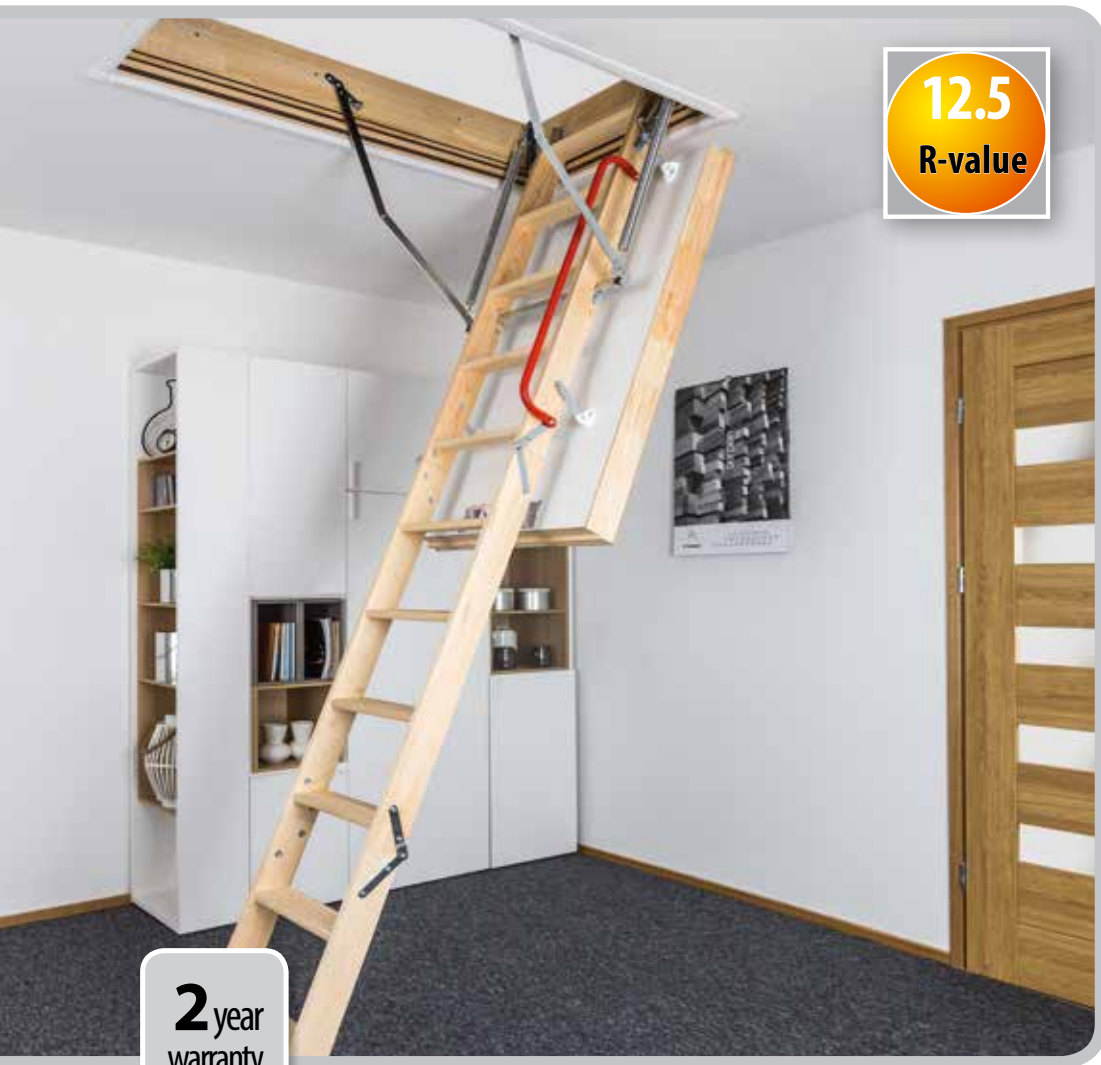


FTT U6  
equivalent R-Value 7.0

**FAKRO**



# Super-thermo insulated LWT attic ladder

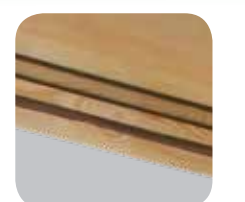


**12.5**  
R-value

**R-value**  
with optional upper hatch

**LWT+ upper hatch**  
R-VALUE 21.75

max 300 lbs



System guarantees effective air sealing



Special 3/8" thick lid provides an excellent barrier reducing heat loss

The LWT is an ideal unit for creating a barrier between a cool attic and the heated space below. The **highly energy-efficient LWT** attic ladder model is a **super-thermo insulated unit** suggested for projects that put a lot of stress on energy-saving, especially due to heat loss.

- new design guarantees greater firmness and stability of the ladder
- small weight and innovative method of the hatch catching onto a „click fastener“ allows for attic ladder installation by one person
- special 3/8" thick lid where the entire space is filled with insulating material (polystyrene)
- red metal safety handrail included

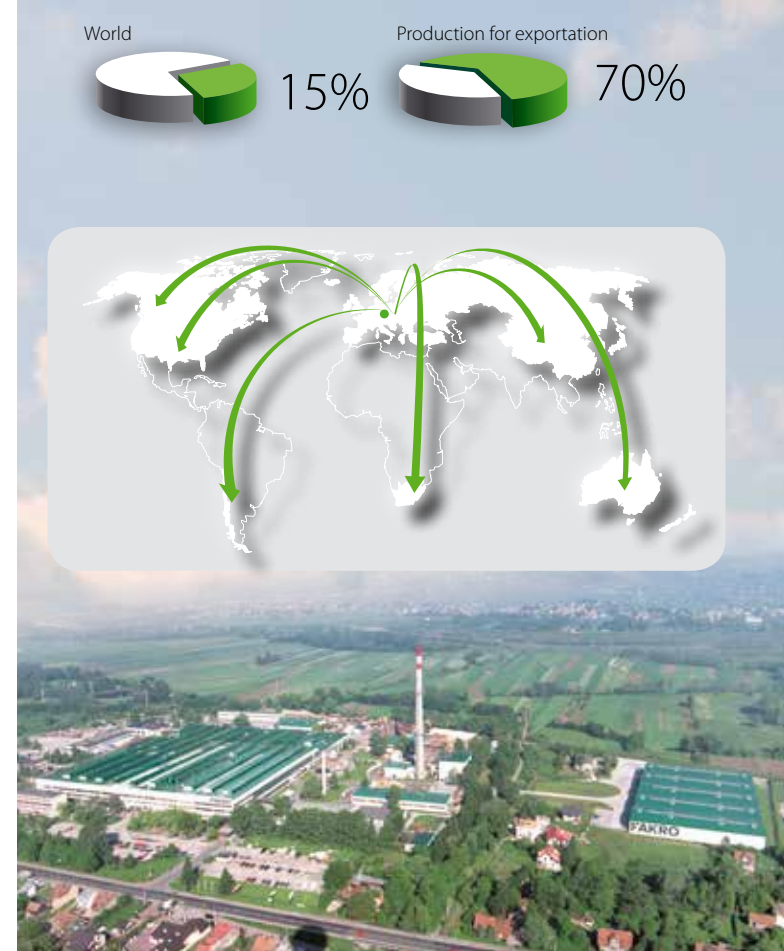
Sizes:	22½x47	25x47	22½x54	25x54	30x54
Ceiling height	7'5" - 8'11"		7'8" - 10'1"		
Rough opening	in. 22½"x 47"	25"x 47"	22½"x 54"	25"x 54"	30"x 54"

Complementing the energy-saving Fakro deals are the LWT (U = 0.09 BTU/h ft²F **R-Value 12.5**) attic ladders. Used to exit the attic, and later concealed in the ceiling. Their design minimizes heat loss between a heated space and a cold attic.



## Today, every other roof window sold in Poland and every sixth in the world bears the FAKRO logo

FAKRO started out in the early nineties in Nowy Sacz, Poland where the idea to manufacture skylights and roof windows was adopted by the company's founders. Today, the company's headquarters, sixteen distribution companies, seven manufacturing companies in Poland and five abroad jointly employ in excess of three thousand people. The path leading to the company's current status is paved with several years of continuous work on new structural solutions, improving production processes and the selection of only top quality raw materials. Our products have a reputation for class-leading workmanship, durability and high aesthetic values, confirmed by numerous certificates and awards. We are constantly developing the production process. The relentless quest for perfecting our products and state-of-the-art solutions incorporated in them, would not be possible without the several dozen developers working in the company. In our own laboratories, our products are put to possibly the most stringent battery of tests. We freeze them, heat them, soak them, squeeze them and stretch them to their limits... and then freeze and heat them again. All this to gain an absolute certainty that the final product is a guarantee of safety, durability and quality.



We care about the natural environment  
Our skylights, roof windows and attic ladders are made from wood which comes from well-managed forests and other controlled sources.



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USA, 06.02.2019



## Meet the THERMO family



**TOP RATED R-value products on the market**