REQUEST FOR QUOTATION FORM

VMZ awning blinds for vertical windows (manually and electrically operated)

☐ **I submit form to request for quotation and pricing of products**

☐ **I submit form to order products**

Data of person submitting request for quotation:

Name & Surname / Company .....

Address:.....

Phone:..... e-mail: .....

Data for the invoice (in case of ordering the product)

Name & Surname / Company .....

Address:.....

Tax Identification Number:.....

Data for the product delivery (if different than above)

Name & Surname / Company .....

Address:.....

Phone:..... e-mail: .....

Pursuant to article 24, paragraph 1 of the Act of 29 August 1997 on personal data protection (uniform text, Journal of Laws, 2015.2135 of 2015.12.16) we inform that:
1) The administrator of your personal data is FAKRO sp. z o.o. with headquarters based in Nowy Sacz (33-300), Wegierska 144a St.
2) Your personal data will be processed for the purposes of placing an order or submitting a request for quotation. The administrator can use the services of specialized companies (subcontractors) to perform these services. Subcontractors will have access only to the data that are necessary for the implementation of these services.
3) You have the right to access your data, correct them and request their removal.
4) Providing personal data is voluntary with the reservation that submitting them is necessary to perform these services.

Please note:
Having completed this form, please contact our Technical Advisor or Distributor.

Measurement card:
AWNING BLINDS FOR VERTICAL WINDOWS

FAKRO | INNOVIEW LINE

Dimensions of vertical awning blinds

Dimension	Window 1	Window 2	Window 3	Window 4	Window 5	Window 6	Window 7
A* [mm]							
B* [mm]							

PLEASE NOTE:
The "A" and "B" dimensions must be measured in the narrowest point of the lining recess.
* Measured "A" and "B" dimensions must be reduced to allow for the so-called installation clearance.

Parameters of awning blinds

Awning blind version							
Cable outlet side							
Cable outlet direction							
Fabric type							
Colour of aluminium profiles							
Colour of plastic details							
Guide rail type							
Installation direction							
Bottom bar type							
Bottom bar sealing							
Cassette shape							
Cassette height							
Additional components of power supply/control							

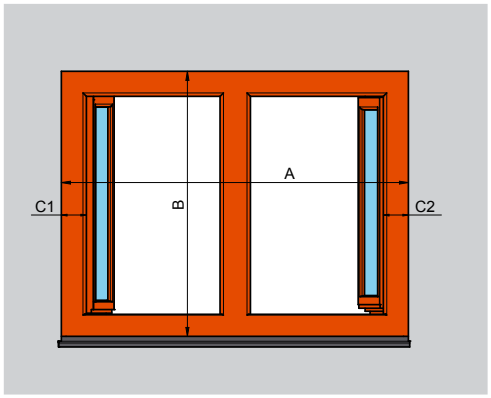
PLEASE NOTE: For correct dimensioning of windows, selection and installation of awning blinds, refer to the special installation conditions before placing an order (see page 4).

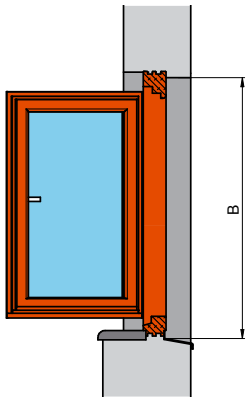
A - LINING RECESS WIDTH - AWNING BLIND WIDTH	
-VMZ MANUAL	Minimum width A min = 400 mm Maximum width A max = 2000 mm
-VMZ ZIP	Minimum width A min = 480 mm Maximum width A max = 2500 mm
-VMZ Z-WAVE **-VMZ WIFI TUYA**	Minimum width A min = 480 mm Maximum width A max = 4000 mm
-VMZ ELECTRO 230	Minimum width A min = 570 mm Maximum width A max = 4000 mm
-VMZ Z-WAVE SOLAR	Minimum width A min = 645 mm Maximum width A max = 4000 mm

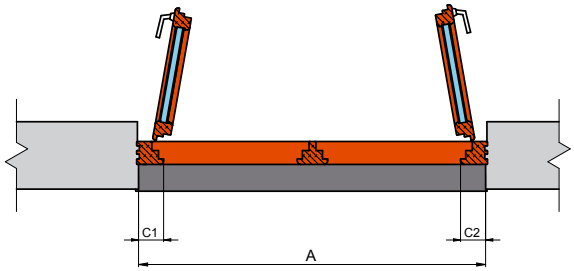
B - LINING RECESS HEIGHT	
-VMZ MANUAL	Minimum height: B min = 400 mm For 400 mm ≤ A ≤ 499 mm B max = 1800 mm For 500 mm ≤ A ≤ 599 mm B max = 2100 mm For 600 mm ≤ A ≤ 1249 mm B max = 2510 mm For 1250 mm ≤ A ≤ 2000 mm B max = 2100 mm
-VMZ ZIP	Minimum height: B min = 400 mm For 480 mm ≤ A ≤ 2000 mm B max = 2400 mm For 2001 mm ≤ A ≤ 2500 mm B max = 1800 mm
-VMZ Z-WAVE **-VMZ WIFI TUYA**	Minimum height: B min = 400 mm For 480 mm ≤ A ≤ 3000 mm B max = 3500 mm For 3001 mm ≤ A ≤ 4000 mm B max = 2700 mm
-VMZ ELECTRO 230	For 645 mm ≤ A ≤ 3000 mm B max = 3500 mm For 3001 mm ≤ A ≤ 4000 mm B max = 2700 mm
-VMZ Z-WAVE SOLAR	For 645 mm ≤ A ≤ 3000 mm B max = 3500 mm For 3001 mm ≤ A ≤ 4000 mm B max = 2700 mm

AWNING BLIND VERSION	**VMZ** (manual control) **VMZ ZIP** (manual control) **VMZ Z-Wave** – power supply unit and control device must be additionally purchased	**VMZ Z-Wave Solar **** – battery included, control device must be additionally purchased **VMZ Electro 230** – switch must be additionally purchased **VMZ WiFi Tuya** - power supply unit must be additionally purchased
CABLE OUTLET SIDE	Left/right (view from inside the room).	
CABLE OUTLET DIRECTION	Directions to choose from: DOWN, SIDE, UP, BACK, NO***. When choosing a single guide rail, the DOWN direction is not possible. It is possible to leave the cable in the cassette. Please select the NO option (no cable outlet).	
FABRIC TYPE	Fabric with **10%** open area: 089, 090, 091 Fabric with **4%** open area: 701, 702, 703 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715 Fabric with **1%** open area: 092, 093 Fabric with **0%** open area: 720, 721, 722, 723 (no option to use in manual VMZ awning blinds)	
PROFILE COLOUR	Standard colours: RAL 7022, RAL 8003, RAL 9005, RAL 9010. Profiles can be manufactured in any colour. Please provide colour from the RAL Palette.	
COLOUR OF PLASTIC DETAILS	RAL 7022, RAL 8003, RAL 9005, RAL 9010	
GUIDE RAIL TYPE (only for electrically operated VMZ)	Available guide rails: single and combined. If a single guide rail is chosen, it is necessary to specify installation direction.	
INSTALLATION DIRECTION (only for electrically operated VMZ with single guide rail and VMZ ZIP)	1. Installation to the window frame. 2. Installation to the lining recess on solid substrate. 3. Installation to the lining recess on solid substrate with insulation (max. 50 mm).	
BOTTOM BAR TYPE (only for electrically operated VMZ)	Small (38 mm) Large (56 mm)	Use: Small bar: - cassette 85 mm in full size range; - cassette 100 mm for awning blind sized: For A≤1200 mm, maximum height: B max=3500 mm; For A>1200 mm and A≤2500 mm, maximum height: B max=2400 mm. Large bar: - only cassette 100 mm in full size range.
BOTTOM BAR SEALING (only for electrically operated VMZ with single guide rail and VMZ ZIP)	Available sealing: low brush, high brush, seal (only for electrically controlled VMZ blinds)	
CASSETTE SHAPE (only for electrically operated VMZ with single guide rail and VMZ ZIP)	Available cassettes: Type A (oval), Type B (rectangular), Type C (round). When choosing a round cassette, the Solar awning blind is equipped with an external solar panel. There is an opening in the access panel of the awning blind through which the cable must be routed. An installation location for an external solar panel must be provided. The length of the cable connecting the panel and awning blind is 3 metres.	
CASSETTE HEIGHT (only for electrically operated VMZ)	Cassette 85 mm (available in awning blind sized: 480-1200 x 400-2400mm, 1201-2500 x 400-1800mm) Cassette 100 mm (available in full size range)	
ADDITIONAL COMPONENTS OF POWER SUPPLY/CONTROL	Additional power supply elements: ZZ60 power supply unit, ZZ60h power supply unit, additional ZPV panel (only for VMZ Z-Wave Solar). Additional operation ele,ents (only for manual VMZ without ZIP): control rod to operate the blind (one control rod can be used to operate several awning blinds). Additional Z-Wave control elements: ZRH12 & ZRS24 remote controls, ZRW7 control keypad. Additional Electro 230 control elements: ZKP & ZKN switch.	

Illustrative drawings to take measurements of vertical windows







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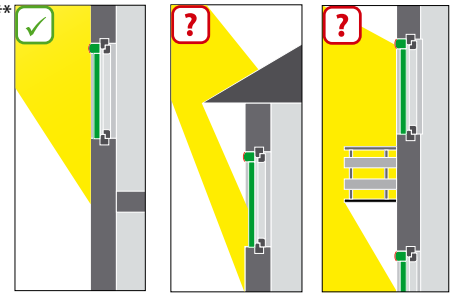
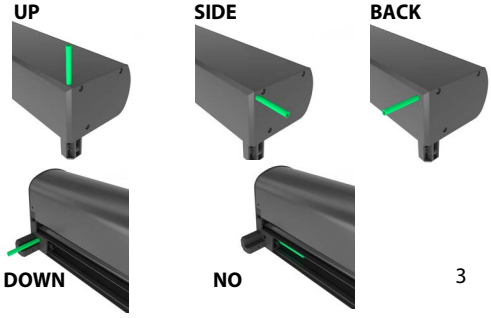


When installing the VMZ Z-Wave Solar awning blind under balconies or canopies it is required to purchase an additional power panel unit. The awning blind shaded by a balcony or eaves can be controlled automatically by another blind for vertical or roof windows which is exposed directly to the sun.

The panel charges the batteries and acts as a solar sensor.

*****Cable output direction**



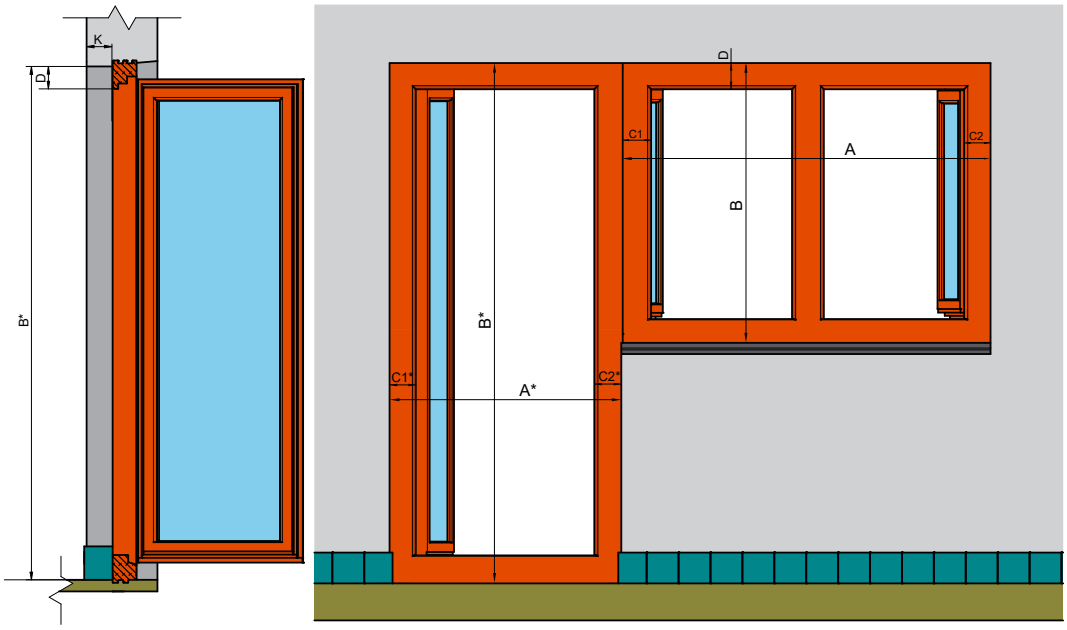
Special installation conditions

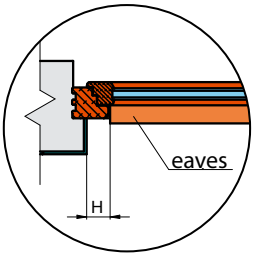
Dimension	Window 1	Window 2	Window 3	Window 4	Window 5	Window 6	Window 7
C							
D							
K							
J							
H							

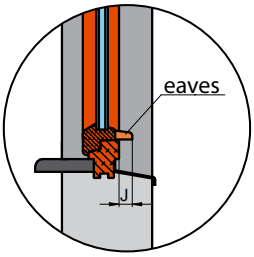
C - WIDTH OF THE VISIBLE FRAME ELEMENT IN THE SIDE PART	
VMZ MANUAL	For C1, C2 < 25 mm, installation is difficult.
VMZ ZIP MANUAL	For C<16, installation of the awning blind to the frame is impossible.
VMZ Z-WAVE, VMZ Z-WAVE SOLAR, VMZ ELECTRO 230, VMZ WIFI TUYA	Combined guide rail: For C1, C2 < 22 mm, installation only to the lining recess. Single guide rail: For C1, C2 < 16 mm, installation only to the lining recess.
D - HEIGHT OF THE VISIBLE FRAME ELEMENT IN THE UPPER PART	
VMZ MANUAL, VMZ ZIP MANUAL	The cassette height is 65 mm (85 mm for VMZ ZIP). For D < 65 (85) mm, the cassette will be visible from inside the room. For D > 65 (85) mm, access to the bottom bar can be difficult. Dimension B must be reduced by D - 65 mm (or D - 85 mm for VMZ ZIP) to allow unobstructed access to the awning bar.
VMZ Z-WAVE, VMZ Z-WAVE SOLAR, VMZ ELECTRO 230, VMZ WIFI TUYA	Cassette 85 mm: For D<85 mm, the cassette will be visible from inside the room after opening the window. Cassette 100 mm: For D<100 mm, the cassette will be visible from inside the room after opening the window.
K - LINING RECESS DEPTH	
VMZ ZIP, VMZ Z-WAVE, VMZ Z-WAVE SOLAR, VMZ ELECTRO 230, VMZ WIFI TUYA	For K<25 mm, the awning blind fitted only to the frame.
J - EAVES DEPTH	
VMZ MANUAL	In case of eaves, full unfolding of the awning blind will not be possible
VMZ ZIP MANUAL	For J>21 mm, full unfolding of the awning blind will not be possible
VMZ Z-WAVE, VMZ Z-WAVE SOLAR, VMZ ELECTRO 230, VMZ WIFI TUYA	For J>30 mm, full unfolding of the awning blind will not be possible
H- DISTANCE OF EAVES FROM LINING	
VMZ MANUAL	For H≤30, eaves will prevent installation of guide rails.
VMZ ZIP, VMZ Z-WAVE, VMZ Z-WAVE SOLAR, VMZ ELECTRO 230, VMZ WIFI TUYA	For H<36 mm, eaves will prevent installation of guide rails.

PLEASE NOTE: If there are upstands, measure dimension A between upstands (then the awning blind will be between them and its height will be equal to the total height of the lining recess) or measure dimension A above upstands, then measure dimension B to the height of upstands (in which case the awning blind will end above upstands and its width will be equal to the total width of the lining recess).

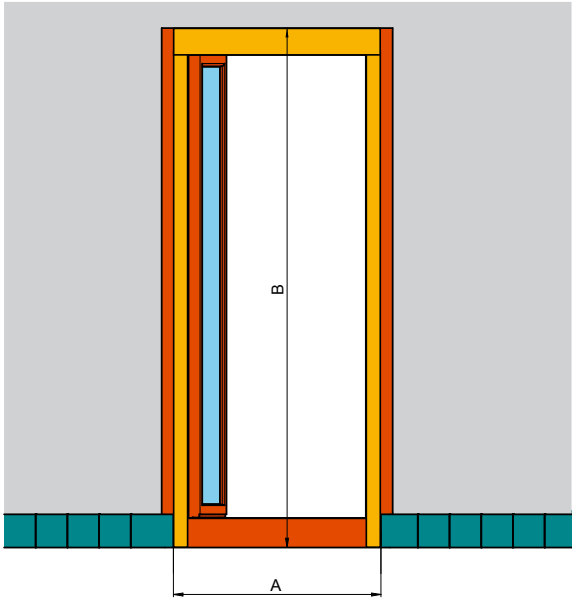
Illustrative drawings to take measurements of vertical windows - special installation conditions



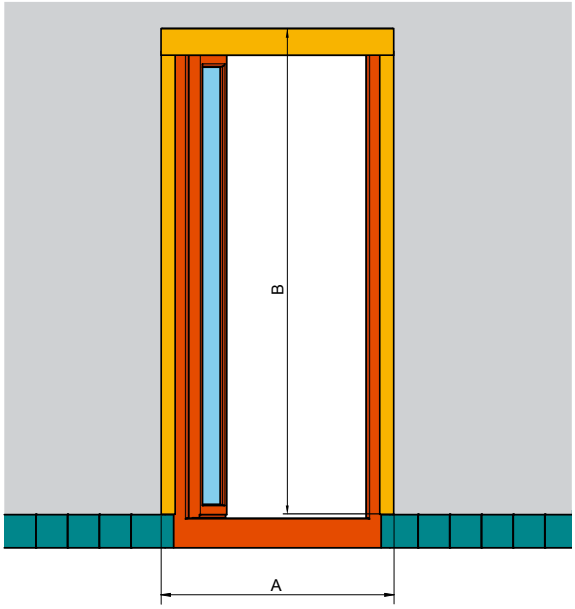




Awning blind between upstands



Awning blind above upstands



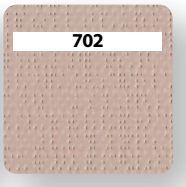
*Measure A, B, C1 and C2 dimensions depending on installation method (between upstands or above upstands).

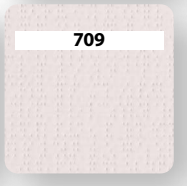
FABRIC TYPES

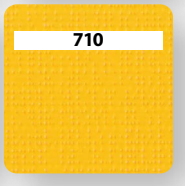
Fabric with **10%** open area

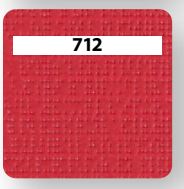
In awning blinds with fabric 089 in which width exceeds 2100 mm and height exceeds 1950 mm the fabric consists of two parts connected in the middle of the blind (horizontal welded connection).

Fabric with **4%** open area









In awning blinds featuring open area of 4% in which width exceeds 2600 mm and height exceeds 2500 mm (colours 701 - 709) and width exceeds 1700 mm and height exceeds 1600 mm (colours 710 - 715) the fabric consists of two parts connected in the middle of the blind (horizontal welded connection). As far as 710 - 715 colours are concerned, for dimensions close to the maximum size of the blind, the fabric can consist of three parts.

Fabric with **1%** open area

In awning blinds featuring open area of 1% in which width exceeds 2400 mm and height exceeds 2350 mm the fabric consists of two parts connected in the middle of the blind (horizontal welded connection).

Fabric with **0%** open area*

In awning blinds featuring open area of 0% in which width exceeds 1700 mm and height exceeds 1600 mm the fabric consists of two parts connected in the middle of the blind (horizontal welded connection). For dimensions close to the maximum size of the blind, the fabric can consist of three parts.

*no option to use in manual VMZ awning blinds

Due to the fabric properties used in awning blinds and as a result of temperature fluctuations or after a long period of non-use, the fabric used in the VMZ awning blinds may gently wave in the area of guide rails. Once rolled down, the fabric should return to its original state, but small waves may remain.

PROFILE COLOURS

Standard colours

RAL 8003

RAL 9010

RAL 7022

RAL 9005

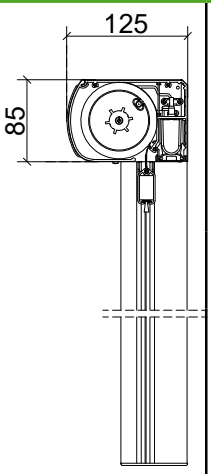
Any colour from the RAL palette*

* When choosing profiles in any RAL colour (excluding standard ones) plastic finishes will be selected from one of standard colours.

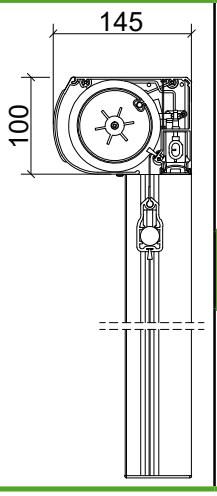
DETAILED DIMENSIONS OF AWNING BLINDS

ELECTRICALLY OPERATED AWNING BLINDS

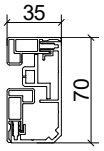
Cassette 85 mm



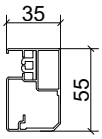
Cassette 100 mm



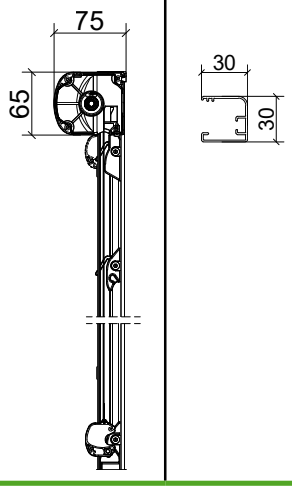
Combined guide rail



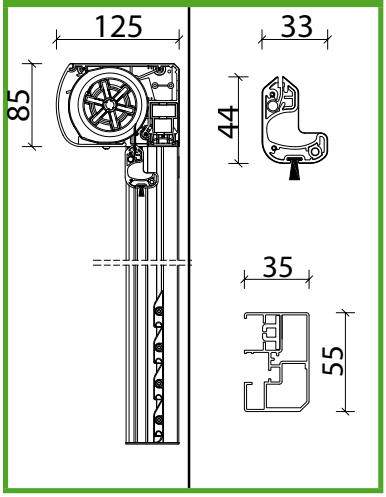
Single guide rail



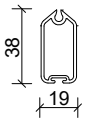
MANUAL AWNING BLIND VMZ



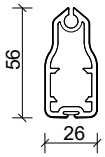
MANUAL AWNING BLIND VMZ ZIP



Bottom bar type



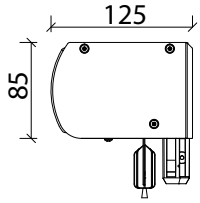
Small



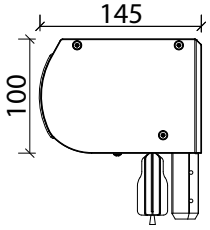
Large

CASSETTE SHAPES

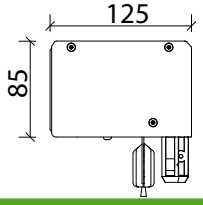
Cassette 85 mm type A



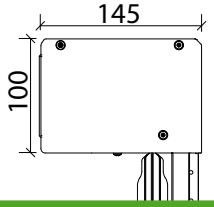
Cassette 100 mm type A



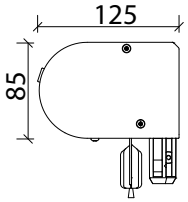
Cassette 85 mm type B



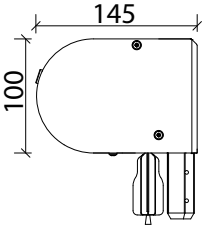
Cassette 100 mm type B



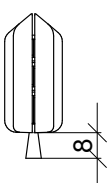
Cassette 85 mm type C



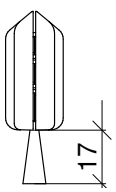
Cassette 100 mm type C



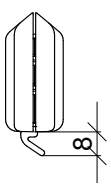
Bottom bar sealing



low brush



high brush



seal