These instructions must be read before installation and use!

HELLA

WIND AND SIGHT SCREENS

☒ **Instructions for use**

☒ **ORIGINAL Installation Instructions**

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Preliminary Remarks HELLA WIND AND SIGHT SCREENS

With this HELLA product you have opted for a high-quality product with a most up-to-date technology that can nevertheless be easily installed and operated. In these instructions we describe the basic installation, commissioning and use

- for authorized specialist staff
- for the consumer.

The following symbols will assist you with the installation or use and require a safety-conscious conduct:

Attention!
This symbol indicates instructions that, if disregarded, can put the user in danger.

Attention!
This symbol indicates instructions that, if disregarded, can potentially result in damage to the product.

This symbol indicates instructions for use or helpful information.

This symbol requires you to act.

Attention!
This symbol indicates a risk of injury or danger to life due to an electric shock.

This symbol indicates parts of the product, for which you will find important information in these installation instructions.

General Notes

Questions

In case of questions concerning the installation or the use of your product, please consult your authorized specialist shop.

Spare parts / repairs

Spare parts are available at your HELLA specialist shop. Only spare parts that are approved by HELLA are allowed to be used.

Liability

Should the notes and information given in these instructions be disregarded or if the product is misused or used for the wrong purpose, the manufacturer declines the guarantee for damage to the product. In these cases the liability for consequential damage to any parts or persons is ruled out as well.

Legal notes

The graphs and texts of these instructions were carefully prepared. We cannot be held liable for any errors and their potential consequences! Subject to technical modifications to the product and to these instructions! These instructions include copyrighted information. All rights reserved! The listed product or brand names are trademarks of the respective owners.

Safety Instructions

Before installation or use, please read the complete instructions carefully.

- Follow the described installation steps and pay attention to recommendations and notes.
- Keep these instructions in a safe place.
- During operation do not put your hand into or touch movable parts.
- Ensure that clothing or body parts cannot get caught on the unit.
- Observe the regulations for prevention of accidents of the employer's liability insurance association!
- Use the unit solely for the given purpose. Any wrong use can endanger the user and result in damage to the product. If the product is used for a different purpose, the right to claim under guarantee is forfeited!
- Before operation check the unit for visible damage. If the unit is damaged, it should not be used; please consult authorized specialist staff immediately.
- Fix the operating elements accessible to handicapped individuals.
- Never let children play with the unit.
- Risk of injury due to the weight of the product!
- Take safety measures against the danger of squashing.
- The side awning is permanently under mechanical stress.
- The guarantee is no longer valid in case of improper use!

Danger of suffocation!

Ensure that the foil cannot get into the hands of children. Keep the foil in a safe place. Dispose of the packaging material via recycling.

The side awning is a sun protection device and **not** a weather protection device.

To prevent damage, please retract your awning with rain, snowfall or wind into the cassette.

Winter operation:

Snow or ice can destroy the unit.
The unit may only be operated, if no ice or snow is lying on the cover.

Product Description

The side awning, also referred to as wind and view protection, can be used in the garden, as well as on the terrace or at the balcony.

Drive system

Spring balancer built into the shaft. The spring shaft drive tensions the blind towards the cassette constantly.

Roller tube

Diameter 63 mm, made of galvanized steel.

Cassette

Extruded aluminium, powder-coated, to integrate the cover.

Front rail

Extruded aluminium, powder-coated, with handle.

Wall bracket

Made from aluminium, for frontal installation to the wall. Angular bracket for lateral installation for a surcharge.

Handle holder

For installation to the wall or railing.

Post (optional)

For a surcharge, two types of posts are available to fix the handle holder. Dimension of the posts 35 x 35 x 2.5 mm, made from galvanized steel, powder-coated.

Blind

Awning fabric, qualities according to current range "Awnings".

Product Use

- Sun protection
- Heat protection
- View protection
- Protection against draught

Tools required

- Level
- Measuring tape or folding meter-rule
- Drilling machine and/or cordless screwdriver with the appropriate drills and bore bits
- Crosstip screwdriver
- Pencil
- Set of spanners

Maintenance Instructions and Valuable Information

With the purchase of your awning you have opted for a high-quality product. To enjoy your awning for as long as possible, please observe the following information:

Notes to awning fabrics made of brand acrylic fibres

Brand acrylic fibres, as used for awnings, are materials of the highest quality for awnings. Due to the spinning nozzle colouring, these materials show the highest light- and colour-fastness. In addition, their resistance to tearing and resistance to weather, rotting and environmental effects is unsurpassed. Furthermore, a special textile finishing makes them dirt-, water-, oil- and grease resistant. The awning fabric is heavily tested. At the weaving plant, at the awning manufacturer and during awning fabrication. As with other fabrics, differences in the surface uniformity can also occur with the awning fabric. When viewing from the top or seeing through, you will perhaps find small knots, spots of colour, irregular runs of threads or minimal differences and displacements in the design and rapport, as well as differences in the colour. Please note, that the awning will cause a different colour effect in sunlight and in shade. Naturally, the optical colour perception depends on the composition and the intensity of the emerging light. With increasing depth of colour, more light will be absorbed and less will be reflected. Therefore dark coloured fabrics let through a small amount of light, while light colours let a lot of light through. Due to the part-absorption, the composition of the light shining through will be modified, which results in other colour perceptions.

Due to the coloured pigments embedded in the fabric and the impregnation, shadings caused by crinkles or crumple folds can appear, that, especially with light colours, become visible as strips of shade.

The function, strength or density of the fabric will not be reduced by that. Minor differences in colours between the different strips or differences in colours with regard to the collection of samples cannot be ruled out. The fabrication of several strips also with varying widths depends on the overall width of the awning.

Ripples in the fabric and wrinkling at the seams can arise, because the fabric is double rolled up at the seams.

The highest strain is on the seams of the custom-made fabric. When rolling up the fabric, the seams and hems lie on top of each other, intensifying the strain. Hems and seams will be pressed flat, increasing in length. As a result, the lateral seams of the fabric can hang down slightly.

Sagging as a result of the own weight of the awning fabric is possible. These specified phenomenons are not faults in the awning fabric, which have been overseen in the testing; they are unavoidable due to technical, material and physical regularities. They therefore do not entitle the customer to any refusal or reduction of the purchase price.

Correspondingly, the guidelines for the assessment of ready-made awning fabrics, summarized by the German Federal Association "Manufacture of technical textile registered association" (Bundesverband Konfektion Technischer Textilien e. V.), are also an integral part of our conditions of sale and delivery.

Maintenance Instructions and Valuable Information

Cleaning

As a sun protection device fixed outside, your awning can get dirty in the course of time. This will not reduce the usability of your awning. Of course, you can have a very dirty awning fabric replaced by the awning specialist. The powder-coated parts of your awning will remain presentable for longer, if they are cleaned regularly with a soft woollen cloth.

Do not use solvents, alcohol (rubbing alcohol) or scouring cleansing agents!

If dirtied with fingerprints, light grease- or oil patches, please proceed as follows:

Wash down the coated metal parts of the unit with a mild household cleaner and a soft cloth. Rinse off with clear water and dry with a soft cloth.

Brush off light dirt of the blind with a dry brush.

Hard water leaves traces of limescale; adding a touch of vinegar to the washing-up water prevents this effect.

You will get suitable cleansing agents for heavier dirtied blinds from your HELLA specialty retailer.

Leaves or other foreign material lying on the awning fabric or in the awning box must be removed immediately. There is danger of damage or crashing to the awning.

Preventive measures

If you have to draw in the fabric in a wet condition, please draw it out for drying when the next opportunity arises, to prevent marks caused by mould or mildew.

Maintenance Instructions and Valuable Information

Maintenance

The technology of your awning is maintenance-free!

With electrically driven awnings check the electrical wires regularly for damage. Check the mechanical parts of your awning for visible damage. Do not use the awning, if any damage is found!

An unintentional switching on of electrically driven awnings is possible. Make sure, that the awning is switched dead during cleaning or maintenance work (e.g. building cleaner).

The automatic control device must be switched dead when working in the operating range of the awning. There is danger of squashing and danger of fall hazards.
In addition, it has to be ensured, that an unintentional manual operation of the awning is prevented. This may be done by disconnecting the power supply or by unplugging the plug-in coupling from the motor.
If the awning is operated manually, the operating crank handle must be hooked out and kept in a safe place.

Malfunctions

Please consult your HELLA specialist shop in case of possible malfunctions. In your own interest, please avoid carrying out any repairs yourself. The guarantee is no longer valid in case of incorrect operation and improper use!

Product Overview

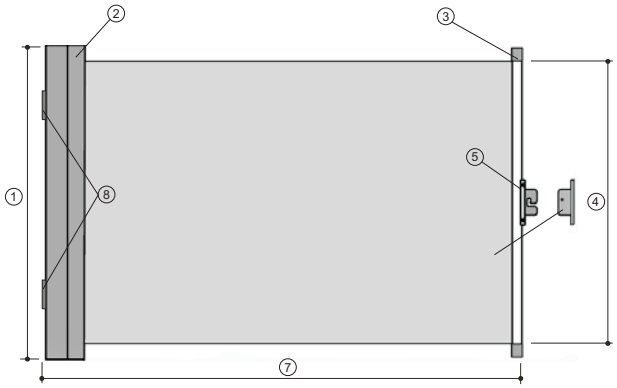


Fig. 1

Legend

① Ordering height = 1300 mm or 1900 mm
② Cassette
③ Front rail
④ Covering = 1200 mm or 1800 mm
⑤ Handle
⑥ Handle holder
⑦ Maximum length 4000 mm
⑧ Wall bracket

Optional Accessories

Post type A

Floor bracket for driving in

Floor bracket for encasing in concrete

Adapter plate for quick release fastener, for use with floor brackets

Post type B

Mounting bracket for lateral fixing of the handle holder

Mounting bracket for lateral Fixing of the box

Before Installation

Check the product immediately for possible shipping damage and for compliance with the delivery receipt.

If parts are missing or damaged, please consult your supplier immediately.

Check the fixing foundation and make sure that the fixing material to be used complies with the given conditions, to guarantee a correct installation. In case of doubt, please seek advice from a specialist enterprise for fixing techniques.

The packaging cardboard box should not be exposed to humidity. To protect it from rain during transport, it should be covered by a foil.

Carry larger units by two persons. Transport and store the units carefully to prevent damage.

Remove the packaging material carefully; if using a knife, ensure that the contents of the package do not get damaged!

Dispose of the packaging material via recycling.

Installation of the Cassette

The installation is carried out by using two wall brackets, which are fixed to the wall. The cassette will be hooked into these wall brackets.

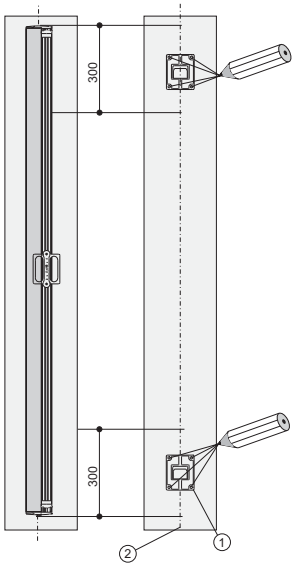


Fig. 2

Legend

① Wall bracket
② Axle line

Determine the exact installation position; here you mark a vertical axle line, which has the same height like the cassette.

Hold the wall bracket centrically onto the axle line.

Mark the boreholes through the wall brackets on the mounting base; in doing so, please observe the dimensions given in the figure opposite.

In the upper and the lower section the wall brackets should be positioned in a range of 300 mm.

Provide the boreholes appropriate to the enclosed installation material and the mounting base.

Fix the wall brackets to the mounting base by using the fixing material.

Attention! The wall brackets must be in an exact vertical and parallel position to each other.

Installation of the Cassette

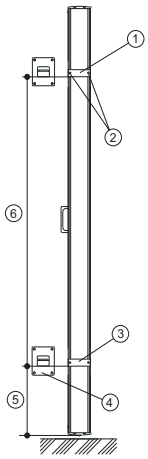


Fig. 3: View from the rear

Legend

① Suspension clip
② Locking screws
③ Suspension clip
④ Wall bracket
⑤ Distance dimension X1
⑥ Distance dimension X2

The suspension clips placed at the rear side of the cassette are adjustable.

Measure the dimensions X1 and X2 at the wall brackets.

Loosen the locking screws of the suspension clips.

Adjust the distances of the suspension clips to the same dimensions X1 and X2.

Fix the suspension clips by using the regulating screws.

Risk of injury or danger to life due to danger of collapsing!

It is essential, that the suspension clips and the wall brackets are fixed correctly.

Installation of the Cassette

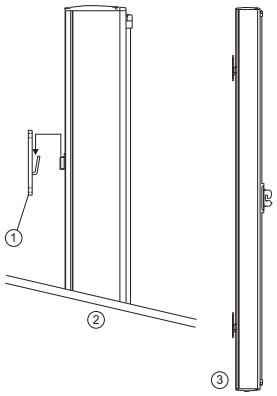


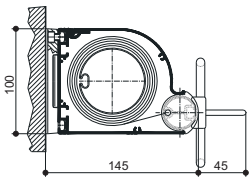
Fig. 4

Legend

① Wall bracket
② Lateral view wall bracket on the top
③ Complete lateral view

As shown in the figure opposite, push the cassette into the wall bracket.

Top view onto the completely mounted cassette of the side awning:



Installation of the Cassette

Lateral installation of the cassette via angular brackets:

The installation is carried out by using two angular brackets, which are fixed to the wall. Fix the wall brackets, in which the cassette will be hooked-in, to the angular brackets.

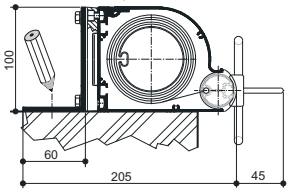


Fig. 5

Specify the exact installation position on the basis of the figure opposite. Draw a vertical axle line in the area of the wall brackets to be fixed later.

Hold the angular brackets centrically onto the axle line.

Mark the boreholes through the angular brackets on the mounting base; in doing so, please observe the dimensions given in the figure opposite.

In the upper and the lower section the angular brackets as well as the wall brackets should be positioned in a range of 300 mm.

Provide the boreholes appropriate to the enclosed installation material and the mounting base.

Fix the angular brackets to the mounting base by using the appropriate fixing material.

Attention! The angular brackets must be in an exact vertical and parallel position to each other.

Fix the wall brackets to the angular brackets by using the enclosed screws and nuts.

Installation of the Cassette

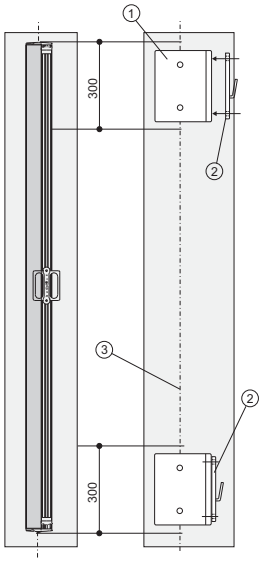


Fig. 6

Legend

① Mounting bracket
② Wall bracket
③ Axle line

Installation of the Cassette

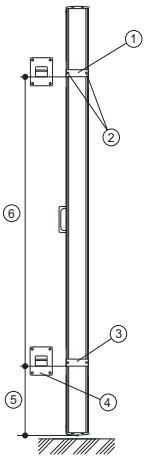


Fig. 7: View from the rear

Legend

① Suspension clip
② Locking screws
③ Suspension clip
④ Wall bracket
⑤ Distance dimension X1
⑥ Distance dimension X2

The suspension clips placed at the rear side of the cassette are adjustable.

Measure the dimensions X1 and X2 at the wall brackets.

Loosen the locking screws of the suspension clips.

Adjust the distances of the suspension clips to the same dimensions X1 and X2.

Fix the suspension clips by using the regulating screws.

Risk of injury or danger to life due to danger of collapsing!

It is essential, that the suspension clips and the wall brackets are fixed correctly.

Installation of the Cassette

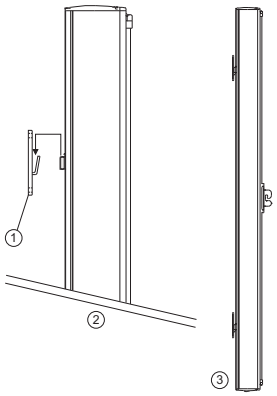


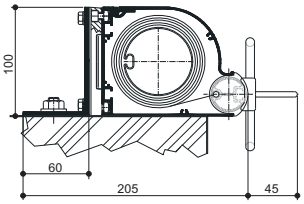
Fig. 8

Legend

① Wall bracket
② Lateral view wall bracket on the top
③ Complete lateral view

As shown in the figure opposite, push the cassette into the wall bracket.

Top view onto the completely mounted cassette of the side awning:



Installation of the Handle Holder

The handle placed at the front rail is clipped into the handle holder; in this way the blind is kept at the desired position.

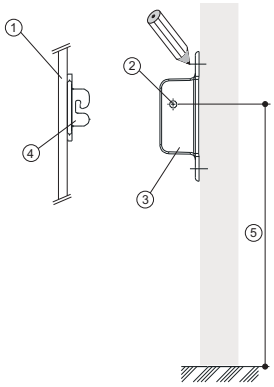
The handle as well as the handle holder should be fixed in the middle of the blind. If the local conditions do not provide this possibility, the fixing height of the handle at the front rail can be adjusted.

Fig. 9

Legend

① Handle
② Handle holder
③ Distance dimension X

Installation of the Handle Holder



Measure dimension X ex handle.

Transfer this dimension X on the mounting base for the handle holder.

Hold the handle holder axially with the holding axle onto the marked dimension.

Mark both boreholes through the handle holder on the mounting base.

Provide the boreholes appropriate to the enclosed installation material and the mounting base.

Fix the handle holder to the mounting base by using the fixing material.

Fig. 10

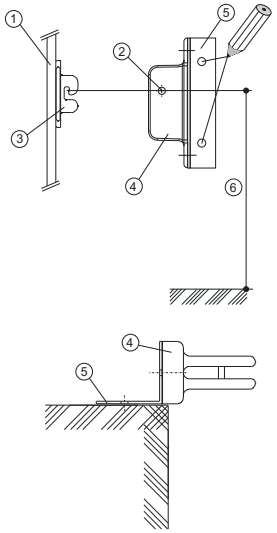
Legend

① Front rail
② Holding axle
③ Handle holder

Installation of the Handle Holder

Lateral installation of the handle holder (optional)

For a surcharge, you will get an angular bracket for the lateral installation of the handle holder.



Fix the handle holder to the angular bracket by using the enclosed screws.

Measure dimension X ex handle.

Transfer this dimension X on the mounting base for the handle holder.

Hold the angular bracket with the handle holder axially to the holding axle onto the marked dimension.

Mark both boreholes through the angular bracket on the mounting base.

Provide the boreholes appropriate to the enclosed installation material and the mounting base.

Fix the angular bracket inclusive of the handle holder to the mounting base.

Please observe the "Notes to position the handle holder" on the following page.

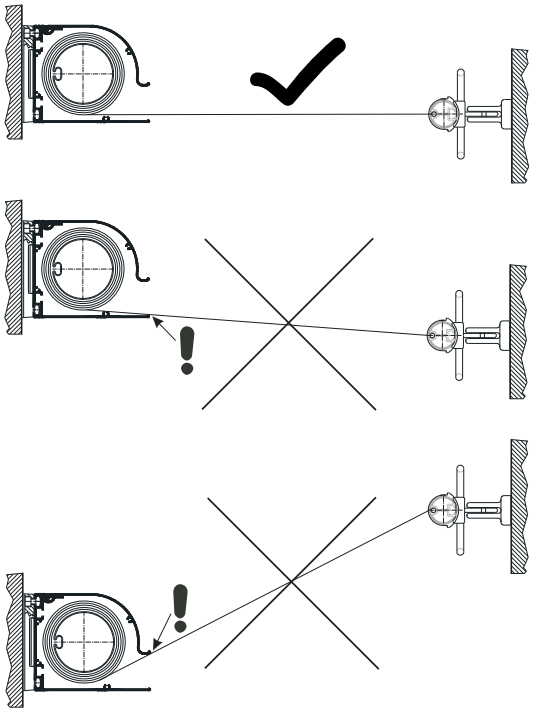
Fig. 11

Legend

① Front rail
② Holding axle
③ Handle
④ Handle holder
⑤ Angle
⑥ Distance dimension X

Notes to position the Handle Holder

Fix the handle holder in such a way, that the blind runs in parallel to the cassette. If this is not possible due to the structural conditions, then make sure, that the blind by no means comes in direct contact with the box. This will cause damage to the blind!

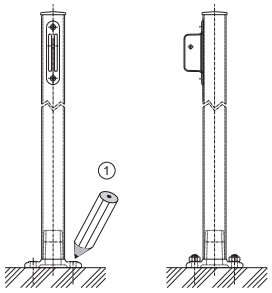


Installation of Post A (optional)

For a surcharge, you will get an especially developed post with an already mounted handle holder, if there is no possibility to fix the side awning from wall to wall.

Post type A is screwed tightly with the mounting base or with a floor bracket for driving in or for encasing in concrete.

Views post type A



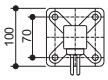


Fig. 12

Legend

① Mark four times

Select the installation position of the post taking into consideration the "Notes to position the handle holders".

Hold the post to the selected position and adjust it in parallel to the cassette of the side awning.

Mark the boreholes through the bed-plate of the post on the mounting base.

Provide the boreholes appropriate to the enclosed installation material and the mounting base.

Fix the handle holder to the mounting base by using the fixing material.

Installation of Brackets for Post Type A (optional)

For a surcharge you will get two different types of brackets, if an appropriate mounting base to fix the post is not available.

1. Floor bracket for encasing in concrete

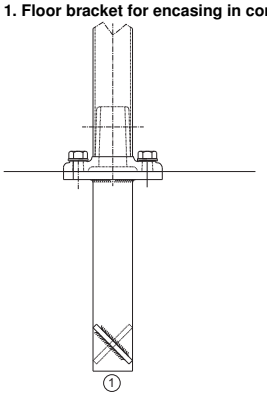


Fig. 13

Legend

① Fixing bracket for concrete

Taking into consideration the "Notes to position the handle holders", please select the installation position of the post and consequently the position of the fixing bracket.

Excavate a hole and encase the fixing bracket in concrete according to the generally acknowledged rules of the building trade.

The post must be placed in parallel to the cassette of the side awning as well as adjusted horizontally.

After hardening of the concrete, fix the post by using the enclosed fixing material.

Installation of Brackets for Post Type A (optional)

2. Floor bracket for driving in

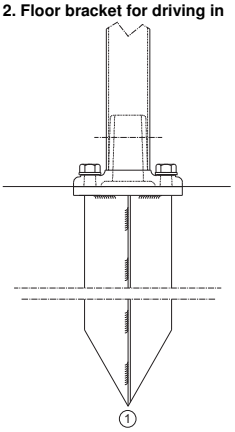


Fig. 14

Legend

① Drive in the fixing bracket

Taking into consideration the "Notes to position the handle holders", please select the installation position of the post and consequently the position of the fixing bracket.

Drive in the fixing brackets according to the generally acknowledged rules of the building trade.

In doing so, protect the surface of the fixing bracket, e.g. with a log of hard wood.

The fixing bracket must be placed in parallel to the cassette of the side awning as well as adjusted horizontally.

Fix the post with the enclosed fixing material.

Please make sure, that the handle holder points to the cassette of the side awning.

Installation of Post B (optional)

Post type B is linked to the mounting base or the floor bracket for driving in or for encasing in concrete via a quick release fastener. Therefore a quick removal is feasible at any time.

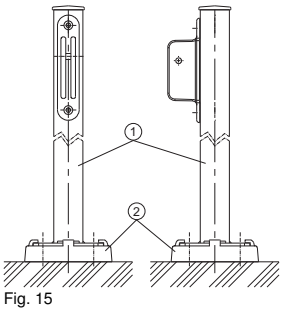


Fig. 15

Legend

① Post B

② Quick release fastener base plate

Select the installation position of the post taking into consideration the "Notes to position the handle holders".

Hold the post with the base plate of the quick release fastener to the selected position and adjust it in parallel to the cassette of the side awning.

Please pay attention to the running of the awning fabric.

To remove the post from the base plate of the quick release fastener, unscrew the locking screw and draw the post backwards out.

Mark the boreholes through the countersunk holes of the base plate of the quick release fastener on the mounting base.

Provide the boreholes appropriate to the enclosed installation material and the mounting base.

Fix the base plate of the quick release fastener to the mounting base by using the countersunk screws.

Installation of Post B (optional)

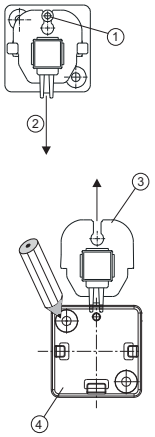


Fig. 16

Legend

1. Unscrew the locking screw
2. Blind
3. Draw the post backwards out
4. Quick release fastener base plate

Installation of Post B (optional)

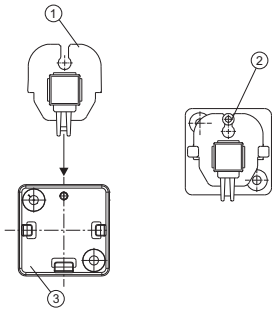


Fig. 17

Legend

1. Push-in the post
2. Insert the locking screw and tighten it
3. Quick release fastener base plate

Push the post into the base plate again.

Insert the locking screw again and tighten it.

Installation of Brackets for Post B (optional)

1. Floor bracket for encasing in concrete

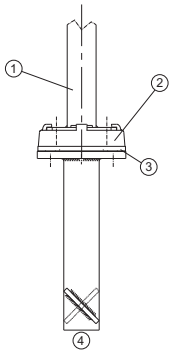


Fig. 18

Legend

1. Post type B
2. Base plate for quick release fastener
3. Adapter plate
4. Fixing bracket for concrete

Taking into consideration the "Notes to position the handle holders", please select the installation position of the post and consequently the position of the fixing bracket.

Excavate a hole and encase the fixing bracket in concrete according to the generally acknowledged rules of the building trade.

The fixing bracket must be placed in parallel to the cassette of the side awning as well as adjusted horizontally.

After complete hardening of the concrete, fix the adapter plate through the countersunk holes to the fixing bracket by using the enclosed countersunk screws.

Then fix the base plate of the quick release fastener to the adapter plate by using the enclosed countersunk screws.

Make sure that the post is adjusted correctly to the cassette.

Installation of Brackets for Post B (optional)

1. Floor bracket for encasing in concrete

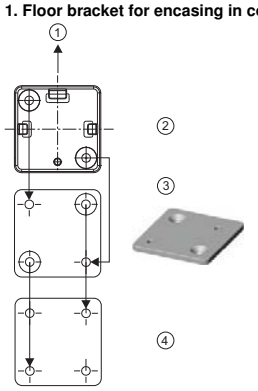


Fig. 19

Legend

1. Towards the cassette
2. Base plate for quick release fastener
3. Adapter plate
4. Plate of the fixing bracket

Installation of Brackets for Post B (optional)

2. Floor bracket for driving in

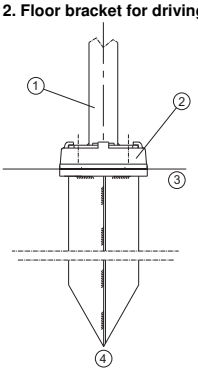


Fig. 20

Legend

1. Post type B
2. Base plate for quick release fastener
3. Adapter plate
4. Drive in the fixing bracket

Taking into consideration the "Notes to position the handle holders", please select the installation position of the post and consequently the position of the fixing bracket.

Drive in the fixing brackets according to the generally acknowledged rules of the building trade.

In doing so, protect the surface of the fixing bracket, e.g. with a log of hard wood.

The fixing bracket must be placed in parallel to the cassette of the side awning as well as adjusted horizontally.

Fix the adapter plate through the countersunk holes to the fixing bracket by using the enclosed countersunk screws.

Then fix the base plate of the quick release fastener to the adapter plate.

Please pay attention to the correct position of the post towards the cassette.

Installation of Brackets for Post B (optional)

2. Floor bracket for driving in

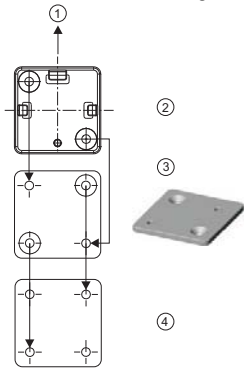


Fig. 21

Legend

1. Towards the cassette
2. Base plate for quick release fastener
3. Adapter plate
4. Plate of the fixing bracket

Adjusting the Height of the Handle

If posts are used, it is possible to adjust the height of the handle to the height of the handle holder, which is fixed permanently to the post.

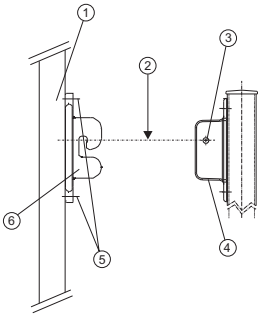


Fig. 22

Legend

1. Front rail
2. Plumbing the height
3. Holding axle
4. Handle holder
5. Locking screws
6. Handle

Determine the height of the holding axle of the handle holder at the post by plumbing or measuring.

Transfer this dimension to the front rail.

Remove the locking screws of the handle and adjust the height by shifting, as shown in the figure.

Afterwards, tighten the locking screws again.

Commissioning / functional check

Extend and retract the roller blind completely once. In doing so, please check for a correct mechanical run.

Clean the element (see maintenance instructions / cleaning).

Check all screwed connections for tightness.

Operation

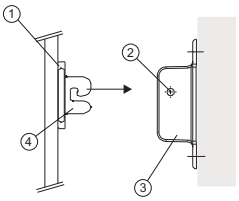


Fig. 23

Legend

1. Front rail
2. Holding axle
3. Handle holder
4. Handle

Extending

Pull the blind at the handle of the front rail towards the handle holder.

Do never let go of the handle, if it is not fixed.

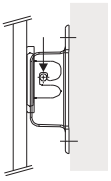


Fig. 24

Put the handle onto the holding axle of the handle holder.

Make sure, that the handle fits firmly to the handle holder.

Take measures against unintentional loosening of the handle.

Attention: Risk of injury or danger to life due to an uncontrolled retracting of the awning.

Operation

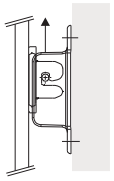


Fig. 25

Retracting

Take the handle out of the handle holder.

Do never let go of the handle.

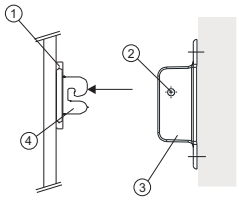


Fig. 26

Pass the cover together with the front rail back into the cassette; the cover rolls up autonomously.

Take care, that the cover rolls up evenly. A correction is possible by raising or lowering the front rail.

Do never operate the unit, if there is snow or ice lying on the unit!

Legend

1. Front rail
2. Holding axle
3. Handle holder
4. Handle

Operation

Operation of post type B

Due to the quick release fastener, the post type B can easily be fixed or removed.

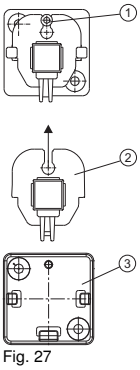


Fig. 27

Legend

1. Loosen the locking screw and remove it
2. Push the post out
3. Quick release fastener base plate

Removal

Loosen and remove the locking screw.

Push the post out of the base plate of the quick release fastener (towards the direction of the removed locking screw).

Screw the locking screw in again, so that it does not go lost.

Operation

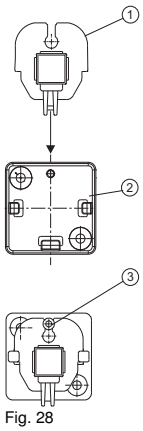


Fig. 28

Legend

1. Push-in the post
2. Quick release fastener base plate
3. Insert the locking screw and tighten it

Installation

Remove the locking screw.

Push the post into the base plate of the quick release fastener.

Insert the locking screw again and tighten it.

Handing Over Report (for the Fitter)

Dear Customer,

We are glad that you have opted for a HELLA brand product. Our units are fabricated with greatest care and many years of experience.

Your product
Wind and sight screen
was manufactured in accordance with DIN EN 13561 and wind class 0
and was installed professionally and handed over

on the ..... .

The instructions for use and the installation instructions have been handed over and must be read before using the product.

An introduction has taken place.

The safety instructions were pointed out.

Dealer	
Name	Date
Place	Signature

Customer	
Name	First name
Street	House number
Postal code	Place
Date	Signature

Handing Over Report (for the User)

Dear Customer,

We are glad that you have opted for a HELLA brand product. Our units are fabricated with greatest care and many years of experience.

Your product
Wind and sight screen
was manufactured in accordance with DIN EN 13561 and wind class 0
and was installed professionally and handed over

on the ..... .

The instructions for use and the installation instructions have been handed over and must be read before using the product.

An introduction has taken place.

The safety instructions were pointed out.

Dealer	
Name	Date
Place	Signature

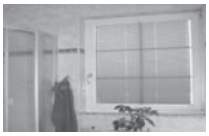
Customer	
Name	First name
Street	House number
Postal code	Place
Date	Signature

HELLA Interior Venetian Blinds

regulate the lighting in a room very comfortably, immediately gracing it with much more atmosphere.

HELLA Insect Screens

and you decide who is allowed to come in and who isn't.



HELLA Pleated Blind

folds up very compactly and protects very well against the sun and nosey glances where only little space is available.

HELLA Venetian Blinds

serve for the light regulation, as view protection, anti-glare blind and heat protection.

HELLA Built-on Roller Shutter

for more safety and protection against rain, wind, heat, the cold, noise and nosey glances, also available for subsequent installation.

HELLA Facade Awning

with exposing mechanism for lovely facade design with perfect heat protection and anti-glare blind.

For questions, wishes and ideas:
HELLA Infoline +43/(0)4846/6555-0

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