

External Louvre EKO-Y/ -YV/ -YVB



Installation and Maintenance Instructions 2024-12

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Product Management

Transport

The louvres must be transported to the installation site using a truck or crane with lifting fork.

Important!

To avoid damage the product must be lifted, the product must not be pulled or lowered hard against the surface.

Responsibility and training

Assembly must be carried out by personnel with training and experience in installation of external Louvre,

Personnel must read through and understand this instruction manual before assembly. For questions, contact the manufacturer or nearest dealer

Reception and inspection of the delivery

Check the delivery for transport damage and to ensure that it is complete as soon as it arrives to the site. The approved delivery is acknowledged by the consignment note. Products with defects may not be installed. Contact the supplier immediate

Storage

The storage of materials at the site should be planned so that you get the minimum possible internal transport. Furthermore, they must be handled so that no mechanical damage occurs to them.

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EKOVENT AB hereby disclaims all responsibility for:

- Damage due to incorrect transport, handling or storage.
- That the user has failed to inspect, maintain and to a reasonable extent take care of the equipment.
- Personal injury or property damage as a result of the product has been used in violation of instructions and specifications in this manual.

EKOVENT's liability shall be limited to repair or replacement of faulty equipment part.

Recommendations for Louvres up to 2000 mm

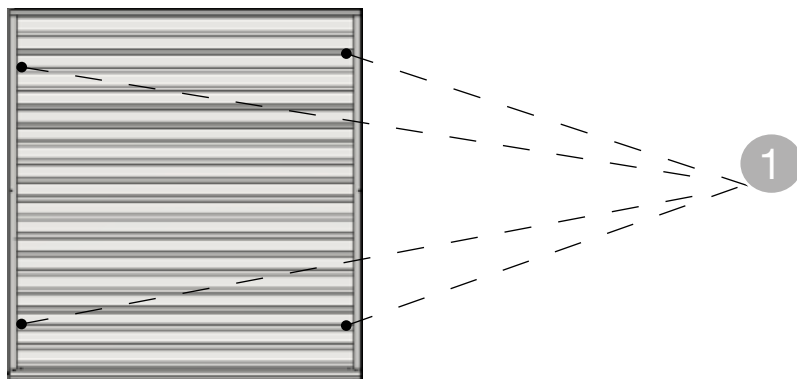


- Use a drip edge to prevent water from seeping behind the grate.

Louvres with a width of up to 2000 mm

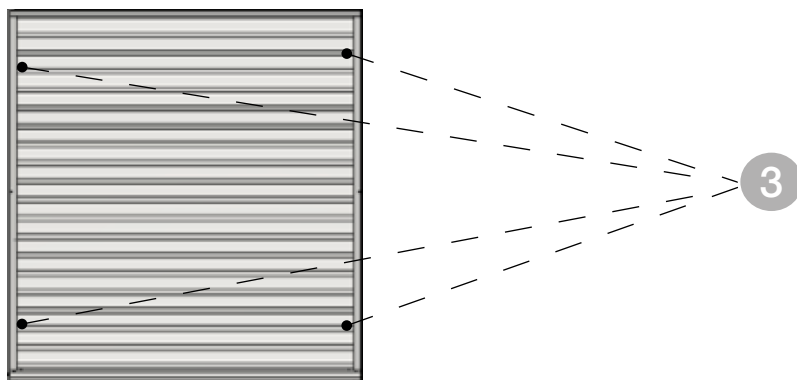
Dimensions are always provided as Width x Height (WxH). Wall perforation is carried out according to the ordered dimensions of the louvres.

1. Loosen the mounting screws on the louvre insert from the louvre frame.



2. Then, install the louvre frame with the drip edge facing downward. Secure the frame on the sides using the necessary fastening material, and optionally, apply sealant depending on the type of fastening material.

3. Reinstall the louvre insert in the frame and secure it with the screws on the frame.



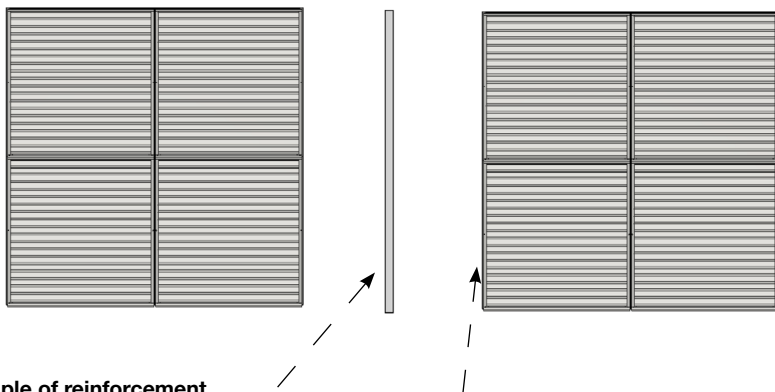
Recommendations for Louvres over 2000 mm

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- All frames must be attached to the wall using the appropriate method.
- Louvres with one side or both sides larger than 2000 mm are recommended to be reinforced with possibly frameworks or profiles.
- This is not delivered from the manufacturer.
- For attachment, use mounting screw.

Louvres with width over 2000 mm

Examples of reinforcements are described below. If both width and height exceed 2000 mm a combination of the two examples is recommended.



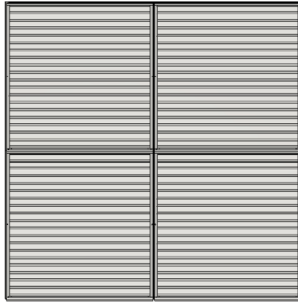
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Example of reinforcement

Reinforcement profile, rec. width at least 40 mm, are mounted behind the Louvre in the partition and is attached to the Louvre with mounting screws suitable for the purpose in the building part.

The sides of the split frames are assembled together, preferably with a mounting screw.

Louvres with height over 2000 mm

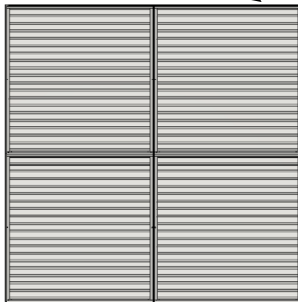


Example of reinforcement:

Reinforcement profile, rec. width at least 40 mm, are mounted behind the Louvre in the partition and is attached to the Louvre with mounting screws suitable for the purpose in the building part.



The sides of the split frames are assembled together, preferably with a mounting screw.



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Labeling of Grid Parts

All grid parts are labeled with product labels upon delivery (See image).

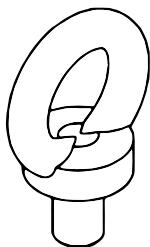
Labeling starts from the bottom left and is based on the appearance of the frames. With 3 parts or more in height, the top one will always be named 3-1, 3-2, and 3-3, marked with red labels. The numbers within parentheses become 3-1, 3-2, 3-2, 3-3 if the grid has only 3 sections in height.

Labeling of Grid Parts			
3-1	3-2	3-2	3-3
(2-1)	(2-2)	(2-2)	(2-3)
2-1	2-2	2-2	2-3
1-1	1-2	1-2	1-3

Instructions for Lifting Fittings YVB

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- Lifting fittings are provided with the delivery for grids weighing above 25 kg. (Standard)



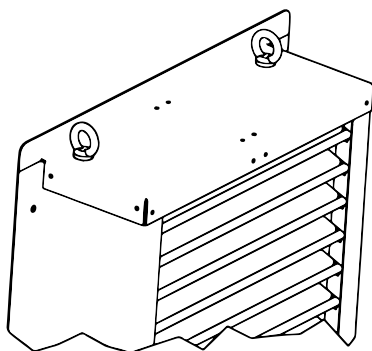
- Lift using lifting fittings.

M8 maximum load: 140 kg.

Assembly

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- Secure the lifting fittings to the frame when transporting YVB external louvre that exceed a total weight of 70 kg.
- If the equipment is securely mounted with the provided pallet, it must be lifted using a forklift.



Notes:

[illegible]

Notes:

[illegible]



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