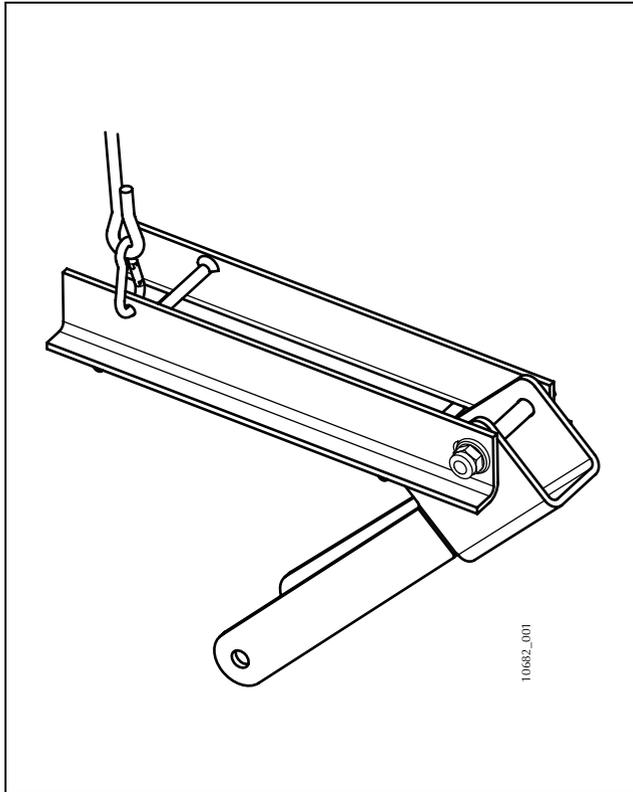




RIDGEWAY

COMBISAFE

**Wind lock for safety net fan
(10682)**



USER INSTRUCTIONS

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We reserve the right to make technical alterations

General info

The wind lock is available in a single design and fits all safety net fans.

Compared with securing the safety net fan with ropes, the wind lock offers a secure, easily manoeuvred solution in terms of both locking the safety net fan against wind loads and being able to easily undo the lock when you need to fold the net up.

Therefore, with the wind lock fitted, the safety net fan can still be folded up against the façade in order to provide access for cranes beneath, or as a safety measure against extremely high wind loads.

Please note that once the wind lock has been fitted, the lower section of the safety net fan needs to be secured to prevent it being rotated by wind loads it is exposed to. This is described in greater detail in the section entitled "Fitting".

Assembly, fitting and repairs must always be performed by personnel with the relevant competence. We therefore recommend that individuals in companies that use the safety net fan should undergo the relevant training.

Technical data

Dimensions and weights

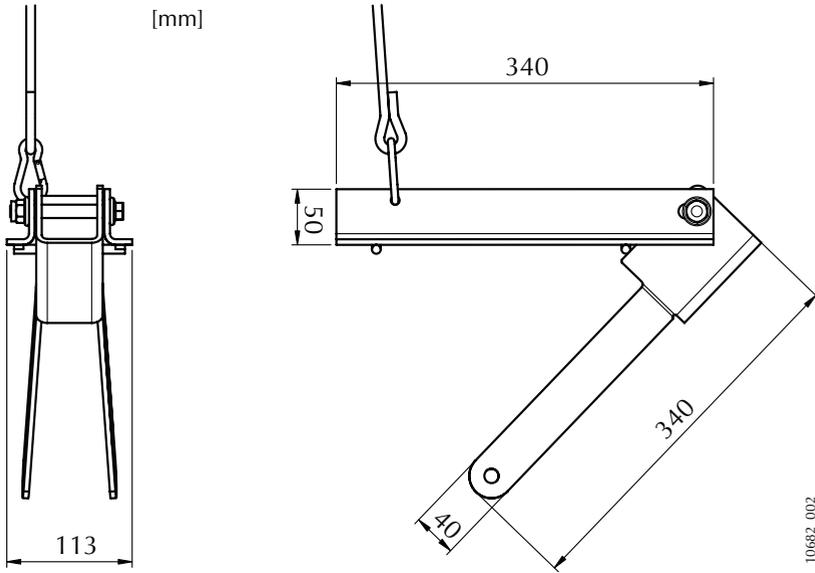


Figure 1. Dimensions

Prod. no.	Designation	Weight
10682	Wind lock	3.7 kg

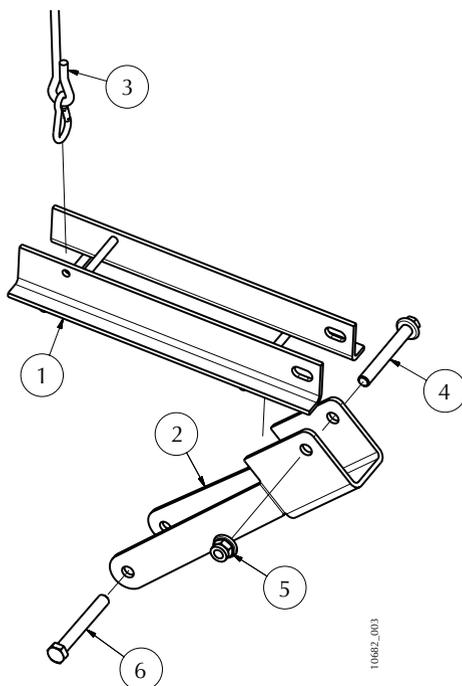
Wind lock, parts

Figure 2. Parts

Item	Quantity	Prod. no.	Designation	Weight
1	1	10684	Lock arm	1.8 kg
2	1	10683	Ratchet bracket	1.5 kg
3	1	10685	Control line	0.2 kg
4	1	100261	Bolt M12x90	0.1 kg
5	1	100262	Locking nut	0.03 kg
6	1	100200	Bolt M12x90	0.1 kg

Design and function

It is easiest to fit the wind lock when the safety net fan is still on the ground.

NOTE

Two locks should be fitted to each safety net fan.

The wind lock is manoeuvred by means of a line that is secured to both the lock and the safety net fan horizontal tube nearest the façade. The line is secured at the ends using spring hooks and can then be used to change the position of the lock arm.

The lock is designed so that when the safety net fan is folded up the lock is activated automatically next time the fan is unfolded. This means there is no risk of forgetting to activate the lock when folding or unfolding the safety net fan.

The rectangular hole of the lock between the lock arm and the attachment takes up angle tolerances in the safety net fan's diagonal struts, depending on how the couplers are adjusted.

Wind loads

If the safety net fan is covered with, for instance, a scaffold sheet, the fan becomes even more sensitive to wind loads.

In strong winds, the safety net fan must be folded up to avoid damage to the safety net fan and the building.

Fitting

Delivery

The wind lock is supplied ready-assembled, with the exception of the control line, which must be connected to the lock and the safety net fan.

Fitting positions

The wind lock must be fitted to both the right and left side of the safety net fan.

Fitting, tools and equipment

To fit the wind lock, the following tools are required:

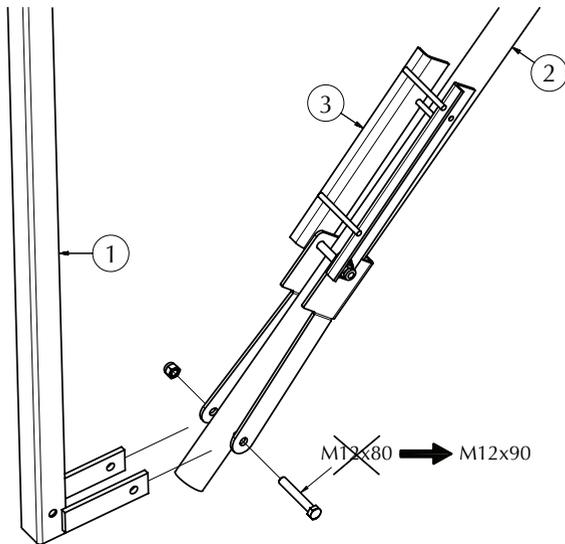
- Adjustable spanners, or ratchet spanner and sockets. Jaw width 18 mm.
- Gloves

Fitting the wind lock to the safety net fan

1. Before the body (1) is fitted together with the bracket (2), the accompanying M12x80 bolt at the bottom end of the body must be replaced by the accompanying M12x90 bolt in the wind lock (3), (see figure 2, item 6).
2. Push the wind lock over the bracket. Pay attention to the direction!
3. Fit the body to the bracket. Note that the fixing lug of the wind lock must be placed outside that of the body.

NOTE

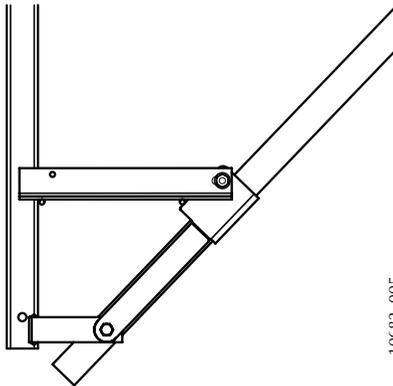
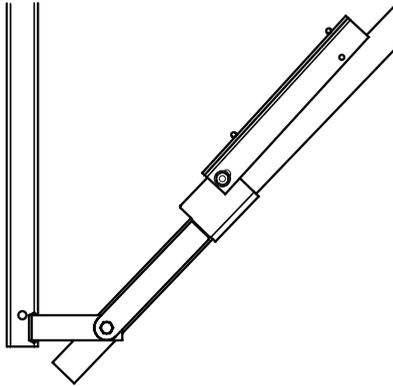
Tighten the bolt enough to eliminate any slack. It must be possible for the bracket to rotate freely in the body.



1. Body
2. Bracket
3. Wind lock

Figure 3. Fitting the lock to the body/bracket

4. Check that the lock arm can move freely between activated and inactivated positions.



10682_005

Figure 4. Inactivated and activated position

5. Fit the control line by connecting its spring hook into the designated hole on the wind lock.

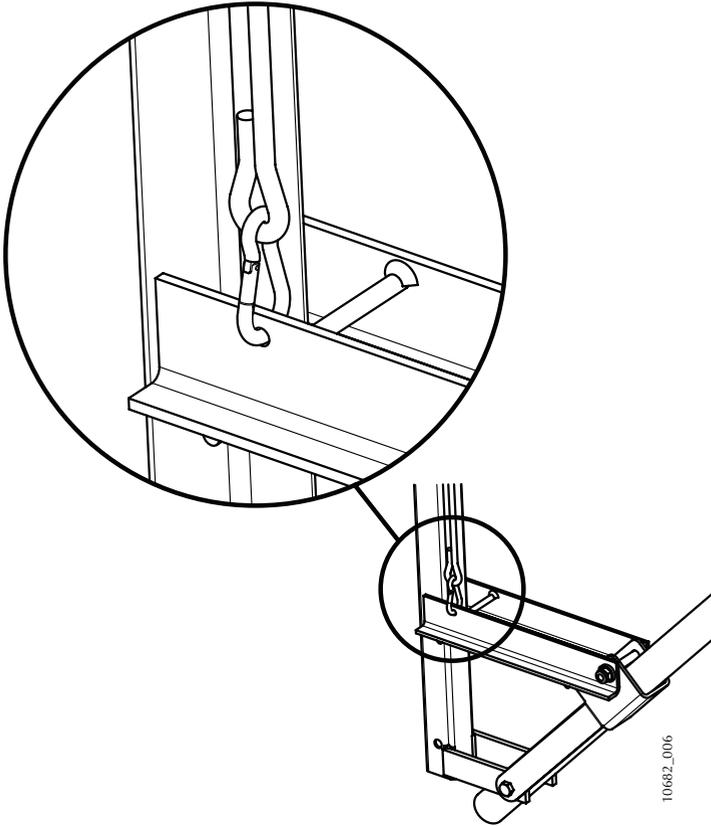


Figure 5. Fitting the control line to the wind lock

6. To make the rest of the assembly process for the safety net fan easier, it is recommended that the lock be left in inactivated position (see figure 4).
7. Once the safety net fan is fully assembled, connect the other end of the wind lock control line to the horizontal tube of the safety net fan, which is secured to the body. This should be done at ground level, before the safety net fan is raised up onto the building. After this, the lock can be manoeuvred by pulling on the line.

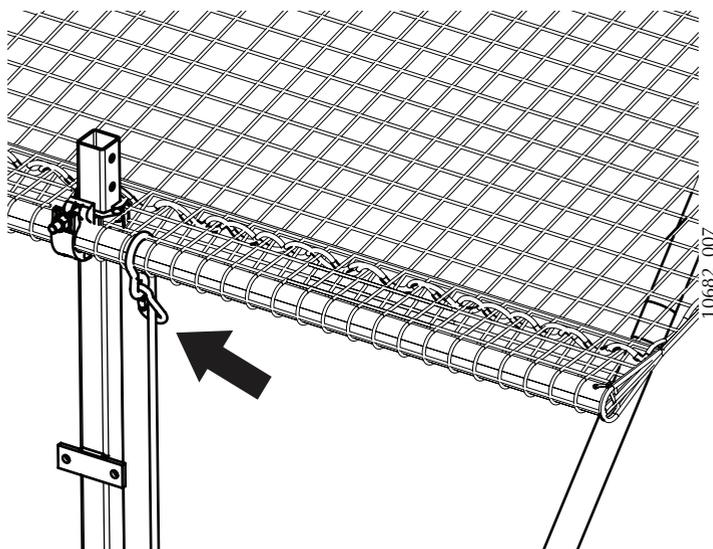


Figure 6. Securing the control line to the safety net fan

8. Repeat the fitting procedure on the other side of the safety net fan.
9. Once the safety net fan has been installed on the building, the lower section of the safety net fan needs to be secured to prevent it being rotated by wind loads it is exposed to. This can be done in several ways. Here are some examples:

A: Secure the brace to the roof with expanders, for example.

B: Connect a tube to the safety net fan using a round-square coupler and secure the other end of the tube to the building.

C: If an extender is used, it can be anchored to its supporting surface.

Even when fitting to scaffolding, for example, the lower section of the safety net fan can be secured by connecting it to the scaffolding tube.

Note that just one of the securing options given above is sufficient.

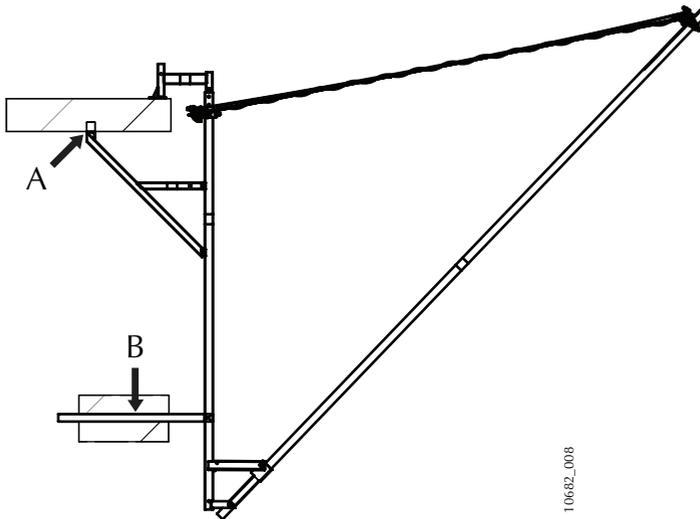


Figure 7. Roof fitting option, anchor in A or B

Safety Information

See user instructions for safety net fan. (UI 3105-3116 or UI 3117).

Maintenance

See user instructions for safety net fan. (UI 3105-3116 or UI 3117).

Inspection

See user instructions for safety net fan. (UI 3105-3116 or UI 3117).

Checking fitted wind lock

- Are the wind lock bolts tightened properly?
- Can the wind lock move freely between its end positions, and slide freely in the rectangular hole?
- No damage to the control line or its spring hooks.
- Check that the wind lock can be manoeuvred using the line in the fitted system.
- Check that the net fan is secured in place and prevented from twisting up. (See "Fitting the wind lock to the safety net fan" point 9, page 12.)

Disposal

Wind locks that no longer pass inspection can be recycled as steel.

Control line that no longer passes inspection should be scrapped as nylon.



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