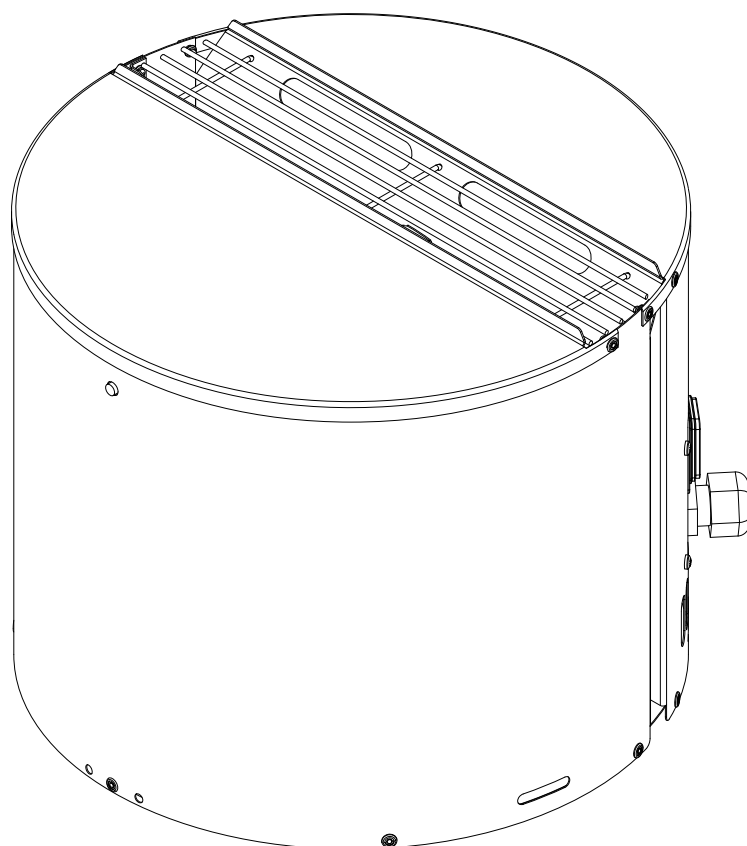




Draftbooster

DK

SE

NO

UK

DE

DK Læs og gem denne vejledning.

SE Läs och spara dessa instruktioner.

NO Les og lagre disse instruksjonene.

UK Read and save this manual.

DE Bitte lesen Sie diese Originalanleitung sorgfältig durch und bewahren Sie sie auf.



4. UK - Product information

This original installation instruction contains no construction documentation.

Remember to register your Draftbooster online www.draftbooster.co.uk/registration.

The following symbols are used in the instructions to draw attention to the risk of danger or damage to the product.

Prohibited symbol



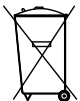
Failure to observe instructions marked with the prohibited symbol may result in extreme danger.

Danger symbol



Failure to observe instructions marked with the prohibited symbol is associated with the risk of injury or material damage.

Disposal



No special precautions. The product should be discarded in accordance with national regulation for disposal of electronic waste.

4.1 Package contents

- 1 pc. Draftbooster (DB7).
- 1 pc. wireless outlet with remote control and battery.
- 1 pc. adaptor (only DK).
- 1 pc. assemble kit.
- 1 pc. installation and operation instruction for the Draftbooster.
- 1 pc. installation and operation instruction for the remote control.

4.2 Function

Scope

The Draftbooster is a fan for mounting on top of the chimney. The Draftbooster is designed to facilitate ignition and refueling. It is designed for wood burning stoves or closed inserts with a nominal effect of maximum 8 kW. The Draftbooster comes with a flexible flange, a 5-meter cord prepared with plug, and an integrated isolation switch.

Function

The Draftbooster has been developed to solve draught problems by creating a mechanical draught on chimneys with circular core and a maximum internal diameter of $\varnothing 220$ mm. The Draftbooster is designed to withstand high temperatures associated with wood burning at a max. temperature of 250 °C and tolerates continuous operation on stoves and closed inserts.

The Draftbooster must always be on during start-up (lighting the fire) and during refueling. When the operating temperature in the fireplace, flue and chimney has reached a reasonable level and thus created sufficient draft, you may choose to switch off your Draftbooster. If you need extra draw-out later, due to e.g. a change in weather, you simply turn on the Draftbooster again, leaving it active as long as necessary.

Start/stop can be accomplished by:

- a wireless outlet (included)
- a regular outlet (possibly with switch).

Bad heating habits may result in problems, such as soot, chimney fires, etc., which may damage the Draftbooster.

More information

www.draftbooster.co.uk



WARNING

To avoid chimney fires – the chimney must be swept before mounting the Draftbooster!

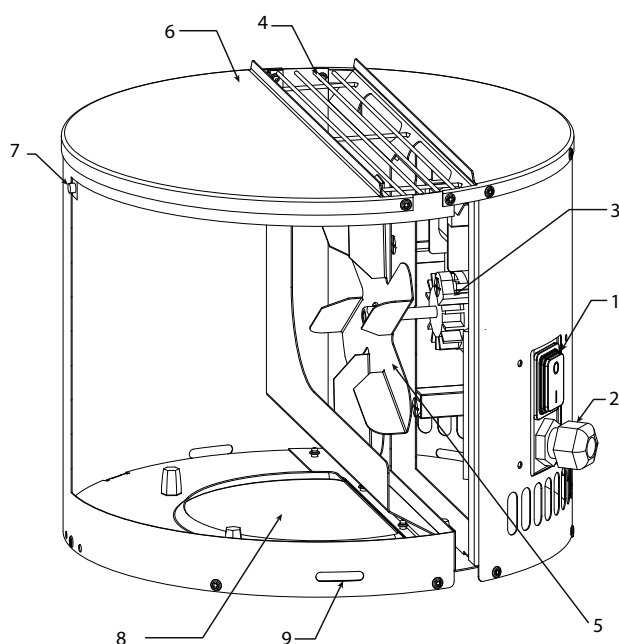
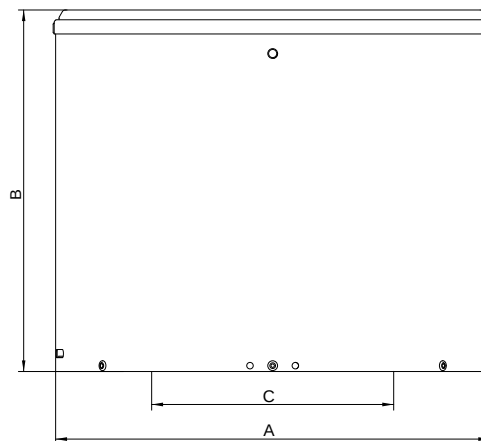
As the Draftbooster is part of a wood-fired installation, please ensure that the design meets the requirements of fresh air supply. It is always recommend to install a smoke alarm in connection with a wood-fired installation. Regardless of usage pattern, you must turn on your Draftbooster at least once a month, allowing it to run for 5-10 minutes. Inspect and clean your Draftbooster installation at least once a year. The manufacturer cannot be held responsible for water penetration into the chimney.

4.3 Warranty

The product is covered by national guarantee and warranty rules from the date of purchase. Replacement or repair of the Draftbooster is handled at the exclusive discretion of the manufacturer, if a factory inspection detects a defect in materials or manufacturing.

4.4 Specifications and dimensions

Model		Draftbooster - DB7x0x
Discharge		Vertical
Motor		Shaded pole, class H
Voltage	V AC	1 x 230
Rev/m		2.000
Current	Amp	0,27
Power consumption	kW	0,036
IP		24D
Weight	kg	3,2
Measurements	A mm	ø266
	B mm	230
	C mm	ø140
Impedance protected		Yes
Max. temperature during operation	° C	250
Max. temperature at standstill	° C	250



- 1 Switch
- 2 Cable screw joint
- 3 Motor
- 4 Net / outlet
- 5 Vane
- 6 Lid
- 7 Locking mechanism of lid
- 8 Inlet air
- 9 Drainholes

4.4.1 Precautions

1. Ensure sufficient supply of fresh air in the room, where the stove is placed
2. Ensure firm support of the Draftbooster
3. Appropriate precautions must be taken in order to guarantee safe use of heat sources.

Requirements of supply air.

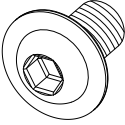
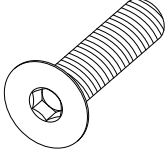
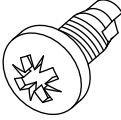
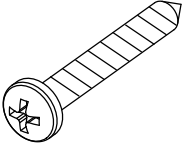
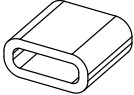
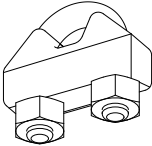
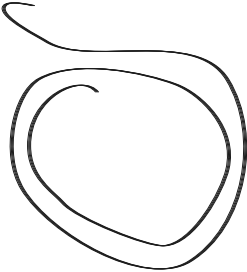
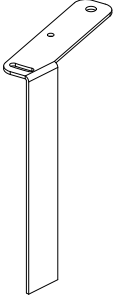
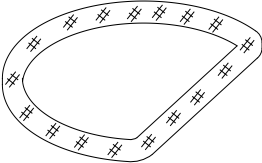
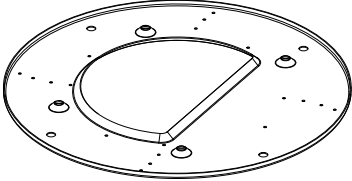
Required supply of fresh air must comply with local regulations.



Ensure sufficient fresh air during combustion, otherwise it may result in faulty operation and inadequate evacuation of deadly fumes.

4.5 Installation

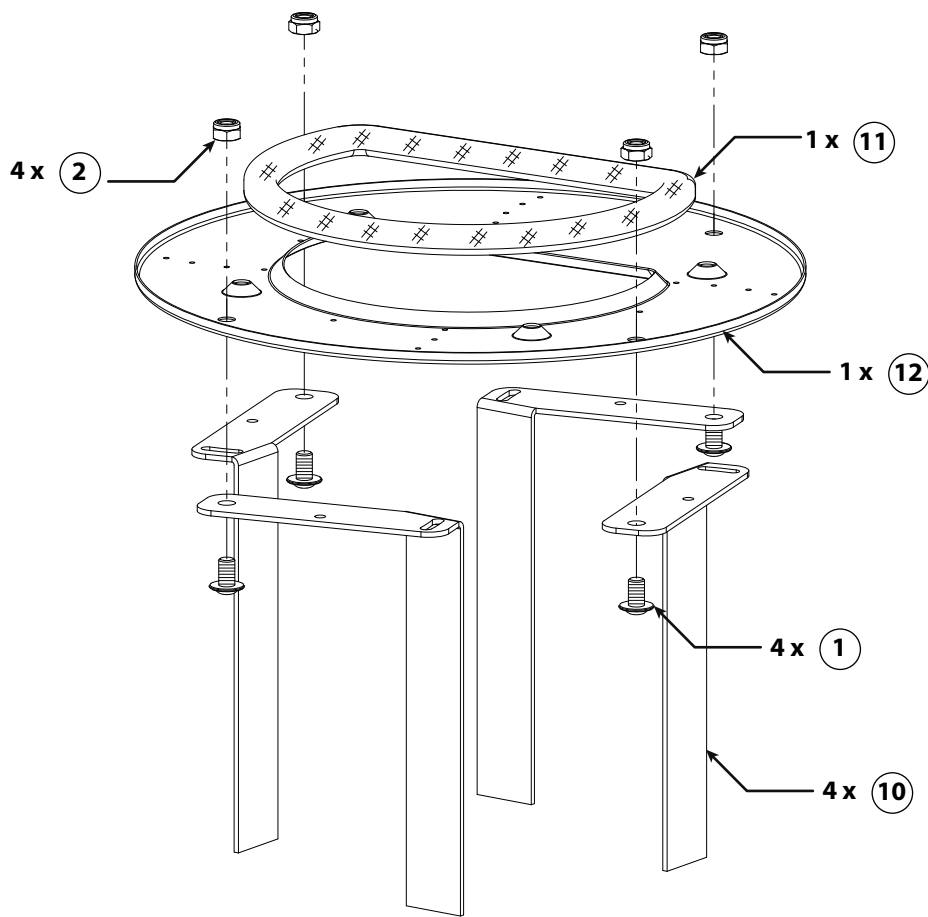
4.5.1 Assembly parts

① 4 x 	② 4 x 	③ 4 x 
④ 4 x 	⑤ 1 x 	⑥ 2 x 
⑦ 1 x 	⑧ 1 x 	⑨ 1 x 
⑩ 4 x 	⑪ 1 x 	⑫ 1 x 



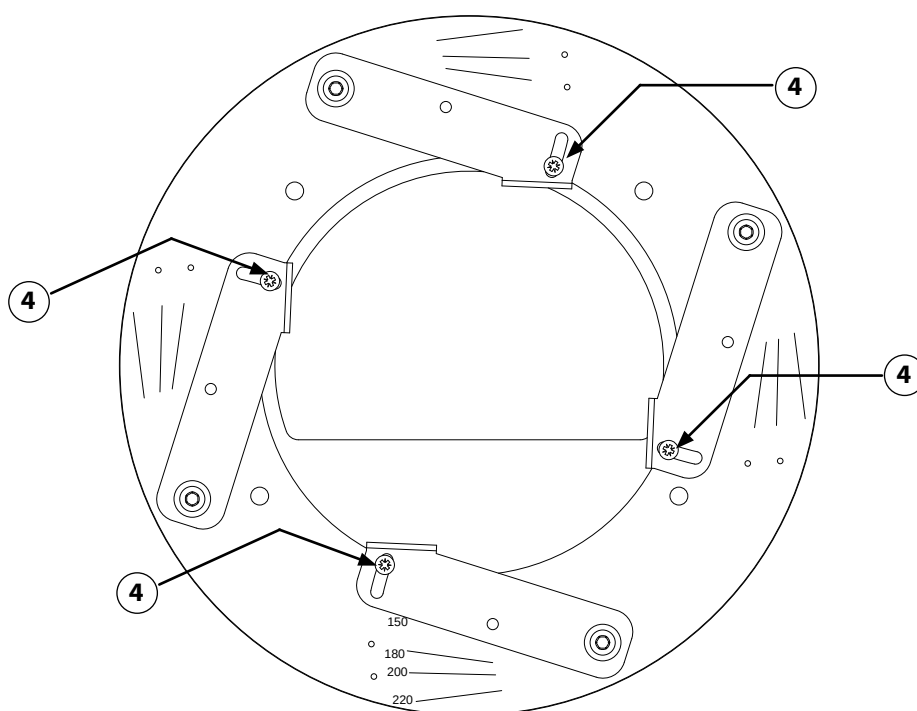
Be aware of sharp and pointy parts.

4.5.2 Assembling the bottom flange

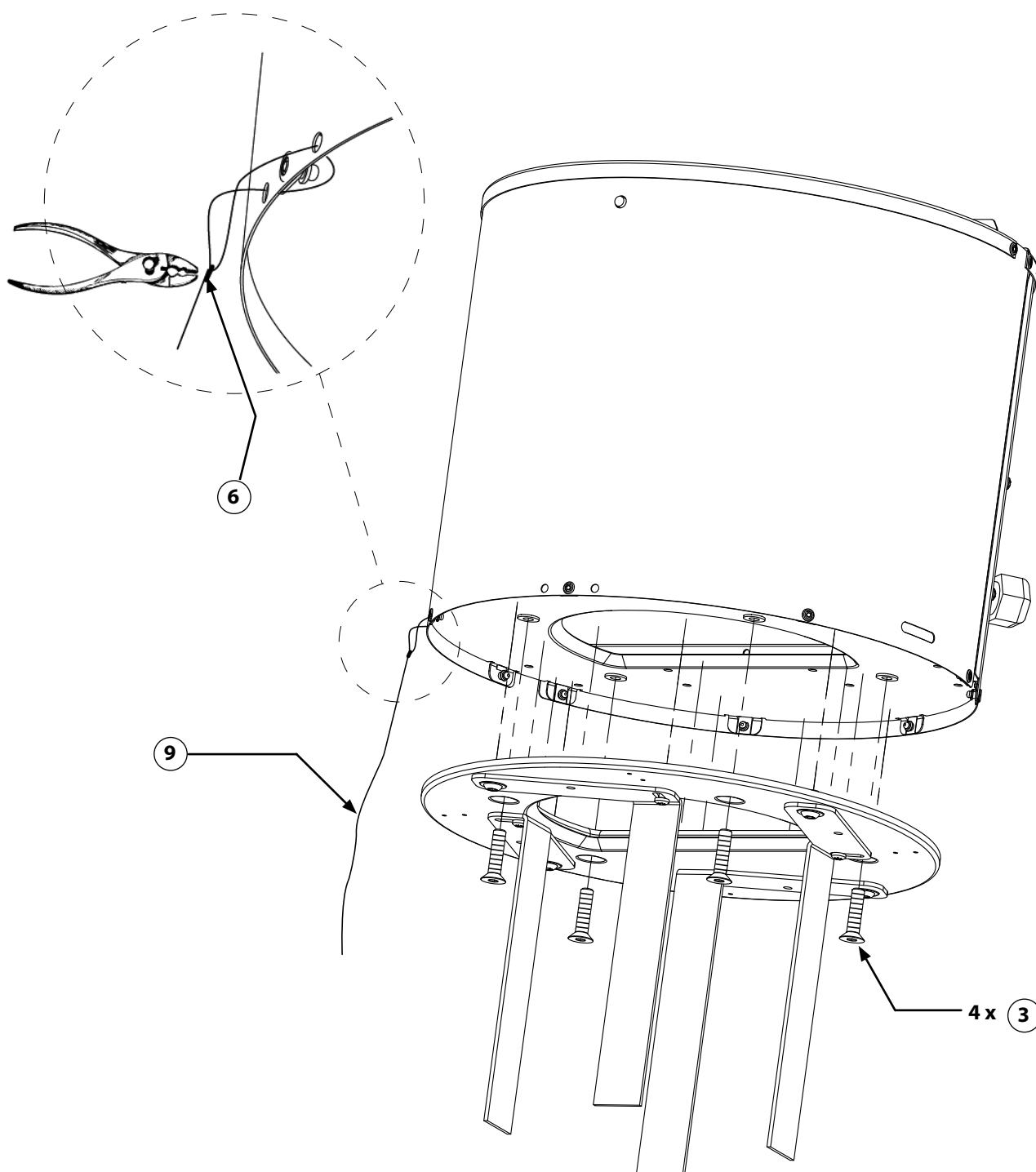


4.5.3 Adjusting the flexible flange

After assembling the bottom flange, adjust the flange legs to fitting the inner diameter of your chimney and fix the legs in this position. The example below shows the setting for an inside chimney diameter of $\varnothing 150$ mm. The legs must be fastened permanently in the adequate position with the 4 self-tapping screws.

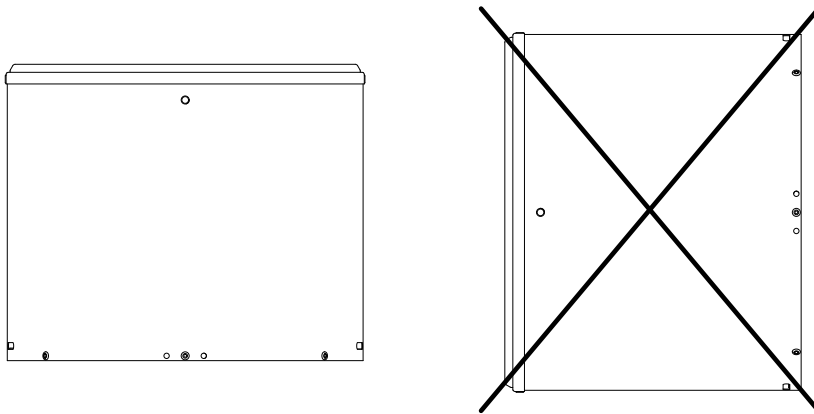


4.5.4 Installing the bottom flange and wire on the Draftbooster

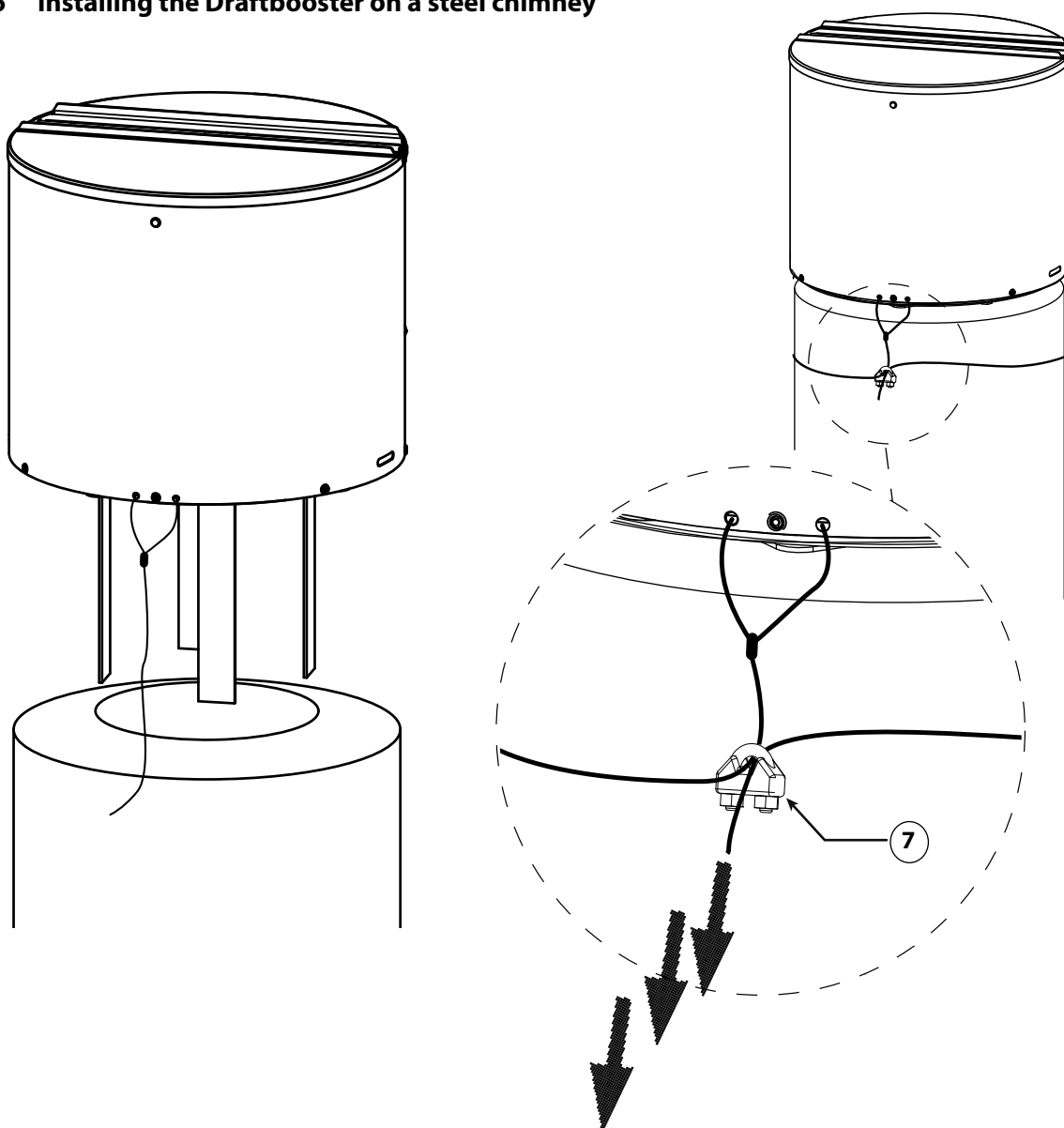


4.5.5 Placement

The Draftbooster must always be mounted in a vertical position. **DO NOT INSTALL HORIZONTALLY!**



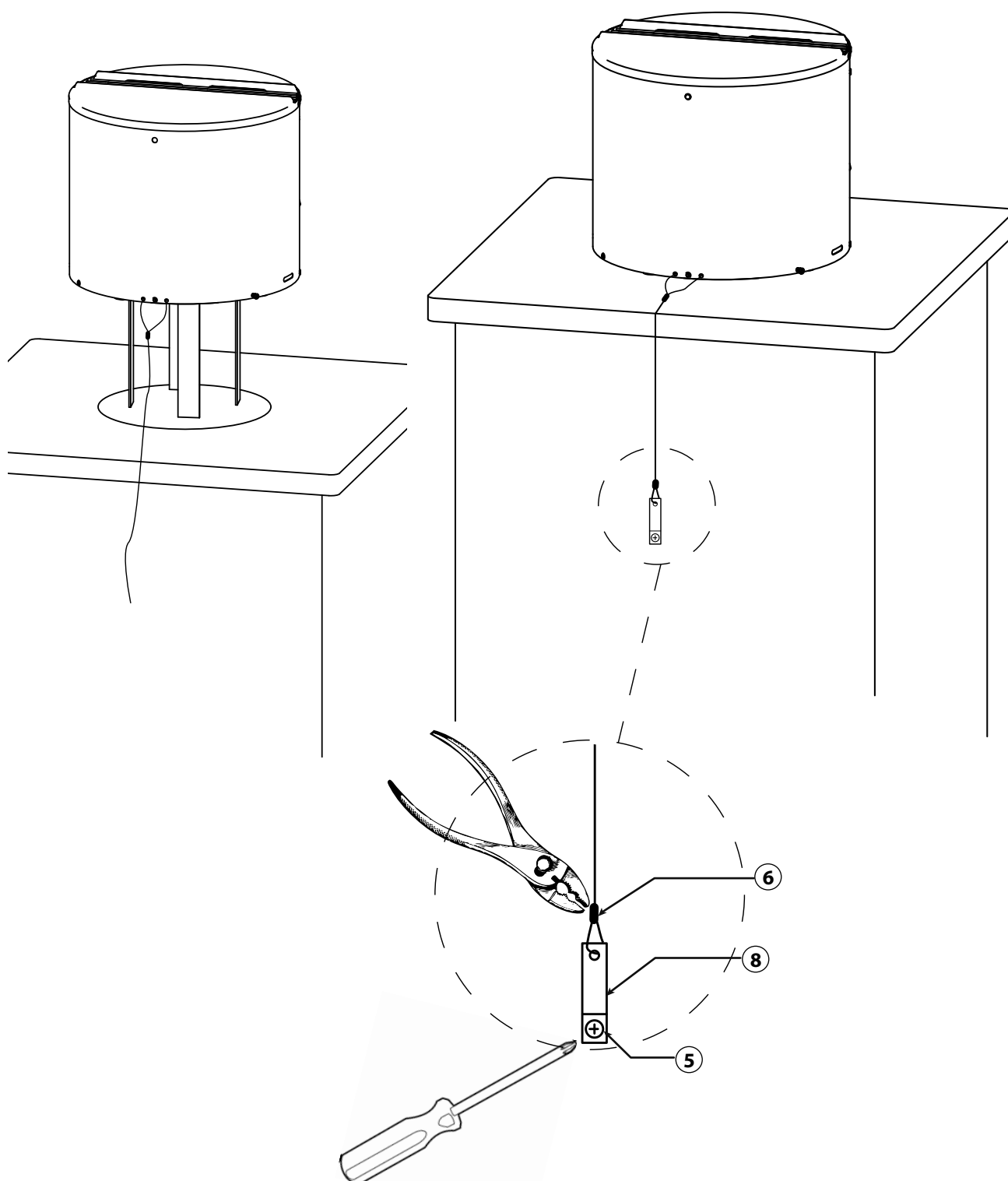
4.5.6 Installing the Draftbooster on a steel chimney



NOTE

The supplied steel wire must always be securely fastened both to the Draftbooster and to the chimney. Wrap the wire around the chimney and through the wire lock. Tighten the wire in a downward direction and tighten the wire lock. The wire must be tight to secure that the Draftbooster stays on the chimney, but not so tight that it makes the Draftbooster tilt.

4.5.7 Installing the Draftbooster on a brick chimney

**NOTE**

The supplied steel wire must always be securely fastened both to the Draftbooster and to the chimney. Begin by attaching the wire bracket to the chimney, tighten the loop, and clamp down the wire lock. The wire is tightened in a downward direction - enough to secure that the Draftbooster stays on the chimney, but not so tight that it makes the Draftbooster tilt.

4.6 Electrical wiring

The Draftbooster must always be connected to an outlet with a protective ground.

- The wireless outlet should be connected to an appropriately located wall outlet close to the oven and chimney. The plug from the Draftbooster can now be connected and the Draftbooster can be controlled by the on / off on the remote control. (Check that the Draftbooster can be switched on and off. If not the distance between the wireless outlet and the remote control must be reduced)
- If the wireless outlet is not used the plug from the Draftbooster can be plugged directly to a wall outlet. Possibly with an on / off switch.



DANGER

If the need arises to replace the original Draftbooster cord, use a cord of the same type. Otherwise, the insulation can melt or erode, exposing the cord itself.

4.7 Start-up



DANGER

Check the oven to make sure it is working properly, while the Draftbooster is running. Make sure that no fumes are escaping into the room as this can lead to carbon monoxide poisoning.

1. Before lighting the fire, turn on the Draftbooster (open the air intake completely on the stove)
2. Place the wood in the stove
3. Make sure that the Draftbooster is turned on, before you attempt lighting the fire. Strike a match inside the stove and keep it there, noting if the smoke from the match is being drawn towards the top of the stove and out of the chimney*
4. Listen carefully as well. You should be able to hear the blade of the Draftbooster revolving**
5. Light the fire and make sure that no smoke is escaping from the stove
6. Close the doors.
 - Is smoke escaping from the closed stove?
 - Close the air-intake of the stove
 - Open the windows in the room where the oven is located to ventilate the room thoroughly
 - If necessary, call for qualified assistance in order to remedy the problem
 - If defects are detected, these must be repaired before using the Draftbooster and the stove again.

*/** NOTE: If the Draftbooster does not draw the smoke from the match towards the top of the stove, or if you cannot hear the Draftbooster running, do not light the fire. Consult the section troubleshooting (section 4.8.2 on page 38). If this does not rectify the problem, call for qualified assistance.



CAUTION

Do not over-heat the stove. Small deposits of soot can kindle and start a chimney fire, which may cause dangerously high temperatures in the chimney.

If you have experienced a chimney fire, you must ensure that the mechanical and electrical functioning of the Draftbooster is checked. If defects are found, these must be repaired before further use of the Draftbooster and the stove.

4.8 Maintenance and troubleshooting

The Draftbooster must be inspected at least once a year in connection with inspection of the chimney. Soot and other deposits must be removed from the rotor blades and from the bottom of the motor housing.



WARNING

**Do not open the Draftbooster, unless the power supply is switched off at the power switch.
The surface can be warm.**

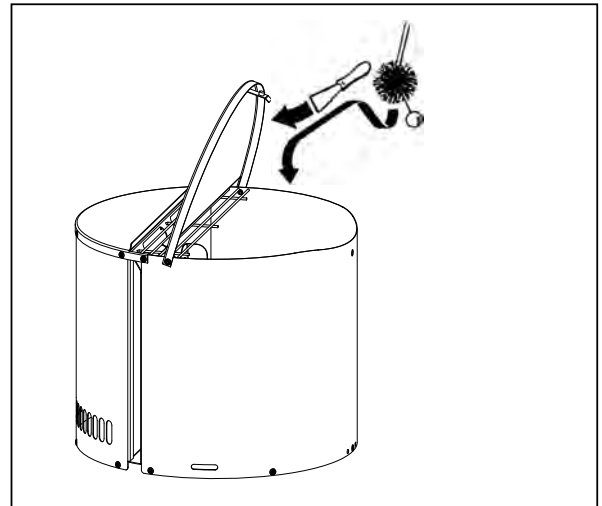
4.8.1 Cleaning intervals for the Draftbooster

It is extremely important that the Draftbooster be kept free of soot and deposits. Soot is the primary cause of chimney fires.

The Draftbooster must be cleaned and inspected at least once a year.

The cleaning frequency depends on how often, the stove and Draftbooster are used. Frequent use means frequent cleaning.

Regular use of the stove may require more frequent cleaning of the Draftbooster.



NOTE

**The Draftbooster must be cleaned by someone with professional knowledge.
When cleaning, you need to ensure that there is free passage for rainwater through all drainage holes.
The manufacturer cannot be held responsible for water penetration into the chimney.**

4.8.2 Troubleshooting

Observation	Problem	Solution
No power supply to the Draftbooster	• The switch is off • Poor electrical connections	• Check the switch • Check and remedy the problem
The power supply to the Draftbooster is on, but it's not working	• Poor electrical connections • Worn-out battery in the remote control • No reaction when activating the on / off on the remote control	• Check and remedy the problem with the connections • Change the battery • Reduce the distance between the wireless outlet and the remote control
The power supply to the Draftbooster is connected, but it hums and does not spin	• Soot may block the Draftbooster	• Clean the Draftbooster
The Draftbooster seems to be working fine, but there is not enough draft	• Too much false air is dragged in	• Inspect for leakage in the fluerun and chimney
The Draftbooster vibrates	• The motor shaft may be bent	• Replace the Draftbooster
There are audible mechanical noises	• Foreign objects may have become attached • The motor bearings may be worn-out	• Remove foreign objects • Replace Draftbooster



exodraft a/s

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