

Assembly instructions and tips for the **Falk Watertrap®**

Note: From May 2022 the cone will be replaced by an angle adapter!

General:

Installation with and without a zipper is described in detail in the **Falk Watertrap®** installation and operating instructions!

Comments:

The **Falk Watertrap®** was specially developed for leather bags more than 30 years ago. Of course, what is good for leather bags is also good for synthetic or combined bags. It is so easy to use that people often forget to empty it. This is exactly why the aluminum housing is so long. No moving or wearing parts can lead to failure. That's why we offer a 10-year guarantee!

The **Falk Watertrap®** can remain in zipless leather bags for many years without dismounting. There are **Falk Watertrap®** that have been doing their job reliably for more than 10 years without cleaning and dismounting.

The **Falk Watertrap®** does not have to be dried either. The aluminum housing reliably prevents mold from forming. Leftover food does not get into the bag. The water is pumped out again when you pour it out. It's almost a self-cleaning system.

If you have any questions about the **Falk Watertrap®**, call me (Tel.: 0049 (0) 4480-948-932) or write an email: [falk.paulat\(at\)directbox.com](mailto:falk.paulat(at)directbox.com)

Especially if no answer can be found in the following questions and answers!

Questions and answers

Small water droplets form on the drone reeds

Vibrations of the reeds lead to condensation of the residual moisture. Small water drops settle on the outside. They don't bother.

In order to reduce condensation on the drones, the tongues must be adjusted to use as little air as possible. Tests have shown that short reeds, such as EZEE Drone Reeds, produce significantly less water than long reeds.

The drone reeds block after a short time due to water drops. There are several culprits here.

2.1 Dronestopper:

Drone stoppers also oscillate and promote the formation of water. They also prevent the drone reeds from drying out. It's just training to do without her. If not, take the drones out of the drone stocks to dry after playing.

2.3 Dronereeds

The drone reed is incorrectly adjusted and has too high an air flow rate.

2.4 playing in the cold winter time:

There is a lot of moisture here. With a playing time of around two hours, you should only play with a tenor drone. The second Tenor Drone serves as a reserve in case too much moisture has built up. Important: Do not take the bagpipes into a warm place during the breaks during play. It should also be kept cold during transport (in the luggage space of the car).

With warm drones, when playing in the cold, a lot of moisture builds up inside and runs into the drone reed. The **Falk Watertrap®** cannot help here.

3. Does the **Falk Watertrap®** have to be removed and dried after playing?

He doesn't have to and shouldn't! A damp **Falk Watertrap®** condenses moisture better than a dry one. See also the notes in the assembly instructions.

4. Do I have to take the chanter with the reed out of the bag after playing?

The reed breaks more often through installation and removal than through playing. For this reason, the **Falk Watertrap®** was designed in such a way that the chanter can remain mounted with the reed.

Provided that the bag is free of mold before installing the **Falk Watertrap®**

5. I have mold in the bag or on the reed, although according to the description it shouldn't be!

Mold is very bad and endangers your health. To prevent mold growth, the outside of the **Falk Watertrap®** is made of aluminum and not cheap plastic. The rubber part has a high-gloss finish on the inside, the spring is made of stainless steel. In addition, it has the self-cleaning effect.

There are several possibilities when mold forms:

5.1 The mold was already present before the **Falk Watertrap®** was installed.

The bag and stocks must be thoroughly cleaned with vinegar water or MacClens Pipe Bag Disinfectant. This is only possible with zipper bags. After cleaning, the bag must be inspected weekly for new mold growth. After cleaning, the bagpipe should be stored with the zipper and case open. If the mold cannot be removed even after repeated cleaning - buy a new bag!

5.2. The **Falk Watertrap®** fell out of the blowstock unnoticed.

The mold usually forms in the chanter reed and can then no longer be used. Inspect bag for mold, remove if present. Insert new chanter reed. Mount the **Falk Watertrap®**.

Note for the **Falk Watertrap® before May 2022 (mounting with the cone):**

A piece of wood was included to make assembly easier. It is important that the cone is greased again!

6. Can seasoning hinder or destroy the **Falk Watertrap®**?

Seasoning cannot affect the function or destroy it.

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7. Is the **Falk Watertrap® also suitable for a mouth-blown small pipe?**

We use a Walsh Mouth blown Small Pipe with **Falk Watertrap®**. It can be played for many hours without a trace of moisture. It fits without modification. Nevertheless, please contact us. We take care of the assembly.

8. The **Falk Watertrap® has a long guarantee period of 10 years.**

What if I no longer have proof of purchase? A proof of purchase is not required! Because there are almost no complaints, we find a very inexpensive solution, even without a guarantee.

9. The cone clamp releases and the **Falk Watertrap® falls into the bag.**

The blowstock was not degreased before installing the **Falk Watertrap®** (it is in the installation instructions).

Degrease the adapter and roughen the surface of the blowstock a little.

Since June 2011 I have been using a softer rubber material. The **Falk Watertrap®** also holds in very smooth Polypenco Blow stocks.

The most common cause is the Shepherd Dronestopper. When folding the bagpipes into the case, its large diameter can lever the **Falk Watertrap®** out of the blowstock. Either be careful when folding, remove the mouthpiece beforehand or use a smaller drone stopper

10. The **Falk Watertrap® falls into the bag with the elbow.**

Rewrap the adapter with wax tape

11. I was recommended to use the "Rubber-Drone-Flexi-Joint" for assembly.

The "Rubber-Drone-Flexi-Joint" consists of PVC and hardens, becomes brittle and then tears off. If this is not noticed, there is a risk of mold forming again!

Customers who installed the bell complained about the accumulation of dirt between the "Rubber-Drone-Flexi-Joint" and the blowstock and went back to the classic **Falk Watertrap®** assembly because no dirt can accumulate there. That's why we reject the "Rubber-Drone-Flexi-Joint" assembly!

12. Can I also use the Moose Valve in the blowstock?

The **Falk Watertrap®** is emptied through the blowstock. It's not possible with the Moose Valve. I recommend the standard valve with the rubber lip as the valve. Not only is it very inexpensive, but it is also easy to clean. Adjusted correctly, it **lworks** extremely long.