

# Ross Bagpipe Bags



[www.rossbagpipereeds.com](http://www.rossbagpipereeds.com)

**PLEASE REFER TO ONLINE INSTRUCTIONS CAREFULLY BEFORE PROCEEDING WITH THE BAG ASSEMBLY, AS IMPROPER TREATMENT OF BAG OR PARTS MIGHT NEGATE UP TO 3 YEAR WARRANTY**

Online Instructions : <http://www.rossbagpipereeds.com/installation-and-maintenance/>  
(There is a link Of "Installation and Maintenance" under "Products" )

Thankyou for purchasing the Ross Suede Pipe Bag, which represents a major re-development of Ross bagpipe bags. The advantages of the Ross Suede Pipe Bag are as follows:

1. Arguably the most comfortable pipe bag to play
2. Has the same "feel" and vibrance as a sheepskin bag, but without all the hassles
3. The combination of breathable bag and canister system offers the best moisture control system available for bagpipes
4. The bag is highly breathable, and much more hygienic than conventional skin bags
5. There is no cutting nor tying-in required, as the bag comes complete with stock holders already fitted, ready to secure to the stocks
6. The bag never requires seasoning, and can be picked up at any time for playing
7. Very flexible, easy sliding zipper, providing quick access to inside the bag
8. Reeds will last much longer, have greater stability and far less trouble due to the drastically reduced moisture contact
9. The bag can be used with or without the canister system, or parts of, dependent upon one's own preferences or needs, providing a very flexible and adaptable bagpipe bag system

The bag is extremely breathable, allowing moisture vapour to quickly transfer to the outside of the bag, yet still retains a high level of air-tightness. The purpose of the airtight zip is to enable access to the canister and hoses for the initial setting up, and also for regular changing of canisters when required. Also this conveniently enables the bag to be left open to allow the inside to dry after playing. The stocks are connected via the air-hoses to a canister filled with instant moisture absorbing granules, which ensures that the only way air can reach the reeds is via the canister, thereby allowing only dried air to reach the reeds, see FIGURE 1 on page 2.

This instruction will **Only contain Key Photos of installation.**

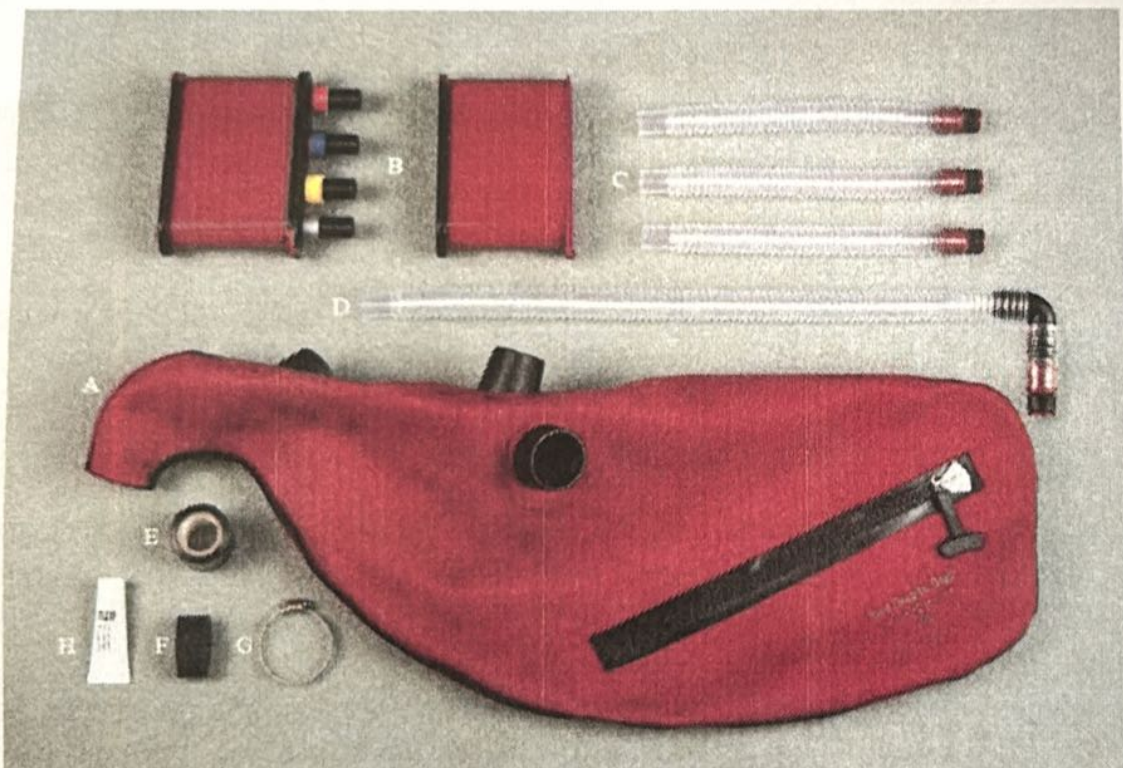
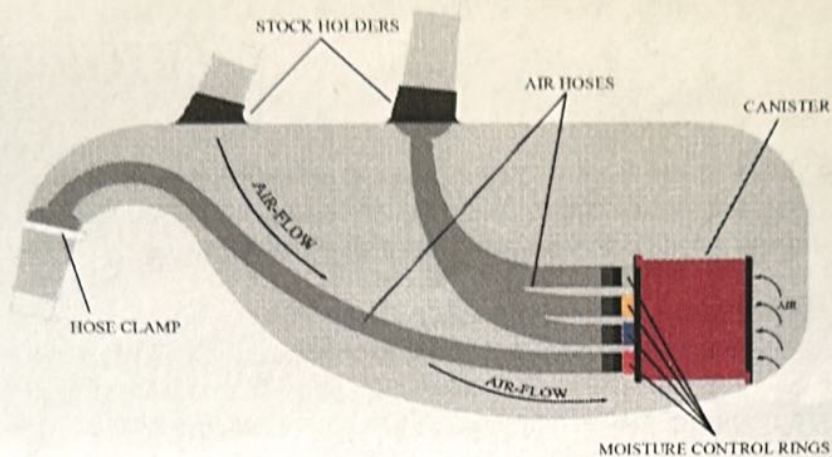
Please refer the Full Version Installation Procedure and Maintenance Video on:

<http://www.rossbagpipereeds.com/installation-and-maintenance/>

(There is a link under "Products" )

You could also find the Full old offline Version of instruction can be downloaded on the Page .

FIGURE 1



**LIST OF SUPPLIED PARTS OF FULL COMPELETE BAG SET**

- A 1 ROSS SUEDE PIPE BAG FITTED WITH STOCK HOLDERS & ZIP
- B 2 CANISTERS COMPLETE WITH GRANULES & AIR-FLOW RINGS
- C 3 AIR-HOSES FOR CONNECTION FROM DRONES STOCKS TO THE CANISTER
- D 1 CHANTER AIR-HOSE FOR CONNECTION FROM THE CHANTER STOCK TO THE CANISTER
- E 1 TAPE TO SEAL THE CONNECTIONS TO THE STOCKS
- F 2 RUBBER RING TO GO BENEATH THE CHANTER'S HOSE CLAMP
- G 2 HOSE CLAMP TO CLAMP THE CHNATER STOCK TO THE BAG
- H 1 TUBE OF SILICON LUBRICANT FOR THE ZIP

**Important!! All bags' Blowpipe stock are air-tighted with Clamps from 1/7/2016**

For "D", Chanter hose does not comes with elbow joint unless special ordered .

**Important!! Each bag carries 2 clamps + 1 tape or 5 clamps , depends on your request or the reseller's preference.**

## CONNECTION FOR STOCK HOSES VS CANISTERS



RED	CHANTER HOSE
BLUE	BASS HOSE
YELLOW	MIDDLE TENOR HOSE
GREY	OUTSIDE TENOR HOSE

**\*\*\*DO NOT USE THE OLDER WHITE CANISTERS INSIDE THE SUEDE PIPE BAGS, AS THEY WILL IN TIME CAUSE HOLES IN THE BAG MATERIAL, AND SUCH DAMAGE WILL NOT BE COVERED UNDER THE 2 YEAR WARRANTY.**

## INFORMATION ON MOISTURE CONTROL

The Ross Suede Pipe Bag uses a highly breathable material, which allows moisture vapour to pass through it quickly to the outside environment. This has a few benefits. It keeps the bag drier inside, aiding a certain degree of moisture control, but it also keeps the bag a lot more hygienic. Having a drier environment inside the bag will also boost a pipe bag's longevity.

Having a highly breathable pipe bag might be sufficient moisture control for some, particularly if combined with a hose type water-trap. Yet for many of us, this isn't going to prevent wet reeds, particularly in the midst of winter on those cold, damp days. This is when the Ross canister system can provide the best moisture control yet available. The granules we use are still the most effective method of instantly absorbing moisture vapour prior to air reaching the reeds. The granules can be used over and over again, being redried to again absorb and remove moisture from the air indefinitely. There is no other material that can do this so effectively over and over again. If this was not so, then we would be using an alternative material.

It might appear that the air flow will be severely restricted by having to pass through a canister full of drying granules, but it has almost no bearing upon blowing pressure at all. In fact the canister system can greatly reduce striking in problems by reducing the direct sudden charge of air onto the drone reeds.

For extra wet blowers, the use of a tube spit trap, is a very good idea. It will certainly limit saliva and enzymes from entering the bag itself, which greatly enhance hygiene levels. The tube also acts as another moisture control.

If pipers are not utilising the chanter hose for drying the air going to the chanter reed, then there is little point in having granules in the chanter section of the canister (indicated by the red clip).

The reason behind having extra granules space in the bass drone section of the canister is that generally bass drone reeds take more air than tenor drone reeds. More air means the granules will get damp faster. So having more granules will extend the playing time to equal, or maybe even exceed the moisture free playing time of the tenors. Of course if you find that there is a marked discrepancy in your setup, and the bass drone is consistently drier than the tenors, then again it makes no sense carrying around more granules than necessary. In this case, simply reduce the granules until you attain a good consistent balance of playing time

**Key Note : Moisture Control system is not a replacement of a Dry Trap (Saliva Water Trap ) and a Dry Trap is not Really a Moisture Control system to the Reeds !!!!!!!!!!!!!!!!!!!!!!!**

## AIRTIGHTNESS EXPECTATIONS

Despite the claims, no bagpipe bag is absolutely airtight, ie. does not lose air whatsoever. If that were the case, one could inflate a pipe bag and come back a year later and it would still be just as tight as when you left it. All pipe bags leak in some way. Joints, and even the stocks themselves can have minute leaks, but mostly have no noticeable affect. What a piper should expect is that there is no **noticeable** loss of air through any other avenue except the reeds. A good test for any bag regardless of the type is to stopper all the stocks apart from the blowpipe, then blow up the bag as tight as you can, squeeze to compensate for any stretch, then blow into the bag again if you can. If after 20-30 seconds you cannot input any noticeable amount of air, then the bag is airtight enough for your needs. The average piper would blow into the bag somewhere between every 1 to 3 seconds, and so if it takes longer than 20-30 seconds to notice any air-loss, then any air loss after that is purely academic, and will have no real affect upon your playing at all. This applies to any pipe bag, of any make or design. It is whether any minute air loss actually affects one's playing that matters. If this was not so, then as all pipe bags leak, no pipe bag would be suitable for playing.

## PROBLEMS

### THE BAG IS NOT AIR-TIGHT

Make sure that the zip is fully closed, and ensure also that all your joints are sound, and that the valve is functioning properly. Ensure that the zip has been lubricated, as a totally dry zip can cause quite bad leakages.

Also refer to the section "**AIRTIGHTNESS EXPECTATIONS**"

**\*\*\*Please Must Read and refer any of the ZIP MAINTENANCE, Clean Cutting Problem , Wet Reed, Air Tightness , Using The Bag in the Hot Climate, USING THE MOISTURE-FLOW RINGS FOR BAMBOO REEDS**

Topics Under **Q&A** of the "Installation and Maintenance" Page .

## WARRANTY & COVERAGE

Our **Red pipe bags** carry a **3 years** warranty, while the **Blue Leather bags** carry 2.5 years, which means that if any bag has a problem that is directly related to a manufacturing fault (Confirmed Production/ Materials Error Only), then the bag shall be either **repaired** or **replaced** at the **manufacturer's discretion** within 3 years from the date of purchase. Proof of a purchase date must be supplied. Any obvious misuse, gluing or attempts to mend or alter the bags from their initial design, will render the warranty null and void.

New\*\*\* Since 20/2/17 , Ross Bagpipe Bags does Cover Warranty of Free inspection and repairing for any repairable damages on the Ross Bags within the 3 Years Warranty Period , if the custom provide a Purchasing invoice with a Vaild Date and Pay for the return postages. Please send us an email with details before that.

## IMPORTANT NOTES

For the sake of hygiene and longevity of the bag, it is strongly advised that you allow the inside of the bag to dry out after playing sessions, this is particularly important for wetter blowers ( Must use a Dry Trap) and pipers residing in damp climates. The reason for this is that over a period of time, water (particularly when combined with enzymes etc. from your mouth), when left in continual contact with the bag material, helps break down the breathable layer that also makes the bag air-tight, and thereby will greatly reduce the life of the bag.