

Installation and operating instructions

SilentFlow - Active acoustic absorber
Doc. reference : NOT-SILENTFLOW-V4-EN
29/06/2026

1. Product presentation

SILENTFLOW is an active (mains-powered) device designed to reduce low and mid-frequency noise in air ducts and equipment (pumps, compressors, air handling units, acoustic enclosures) while maintaining airflow.

The device has a **specific mounting orientation**; observe the orientation indicated on the product. Consult www.vibiscus.com or the technical datasheet for details on each product.

2. Delivery contents

- 1 SILENTFLOW unit
- 1 power supply and its connection cable

Check for any signs of impact or damage before installation. If the package is damaged, contact the distributor.

3. Technical specifications

The technical specifications (dimensions, weight, attenuation curves, power supply, etc.) are given in the technical data sheet supplied with the product or available on www.vibiscus.com.

4. Safety and precautions

- **Intended use** : Noise absorption in air handling systems and industrial equipment, indoors or in protected environments.
- **Power supply** : Connect only after installation and verification of the wiring. Use a suitable and accessible outlet.
- **Fire resistance** : Keep away from all sources of heat or flames.
- **Environment** : Do not expose to direct water spray.
- **Maintenance** : Disconnect the power supply before any work inside the product.
- **Qualified personnel** : Installation and maintenance must be carried out by qualified personnel (electrical, air handling unit, acoustics).

5. Set up

5.1 Preparation

1. Choose the location : a straight section of conduit, ideally away from any bends or reductions.
2. Verify that the conduit dimensions are compatible with the unit (see technical specifications).
3. Ensure access to a nearby power outlet.

5.2 Installation

1. Remove the relevant section of duct if necessary.
2. Insert the **SILENTFLOW** unit : it is a push-fit installation. Efficiency is guaranteed by a sealant applied with sealant and/or aluminum tape.
3. Observe the installation direction indicated on the product by the "Air Inlet" label.
4. Connect the connecting cable between the unit and the power supply.
5. Connect the power supply to the mains (live, neutral, and ground).

Installation must be carried out by **qualified personnel**.

5.3 Checks

- No abnormal vibration or extraneous noise after power-up.
- Unobstructed airflow (no foreign objects in the absorber).

6. Use

Once powered on, the device operates without any adjustments required.

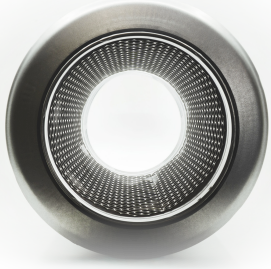
7. Maintenance

- **Disconnect the power supply** before any intervention.
- **Visual inspection** : check for dust and the integrity of the fasteners.
- **Cleaning** : clean the grilles or accessible surfaces using a nylon brush or a vacuum cleaner.
- Maintenance must be carried out by **qualified personnel**.

8. Warranty and support

The warranty and associated conditions are defined in the general terms and conditions of sale or the order form.

Technical support: www.vibiscus.com | Email: sav@vibiscus.com | +33 (0)3 81 25 03 49



Post-installation Checklist

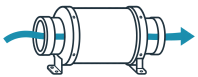
SilentFlow - Active acoustic absorber
Appendix A - NOT-SILENTFLOW-V4-EN
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For a successful installation

The principle : SilentFlow can only work if the air - air the noise - passes **solely through it**.
The slightest leak before or around the absorber cancels the effet. **Airtightness is the key.**

THE 5 ESSENTIAL CHECKS

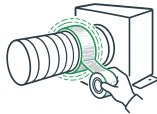
1



RESPECT THE DIRECTION

Air inlet marked on the absorber

2



SEAL THE CONNECTION

Aluminium tape + sealant

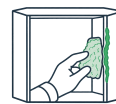
3



TIGHTEN THE CLAMPS

Until firm contact

4



PLUG THE HOLES

100% airtight casing

5

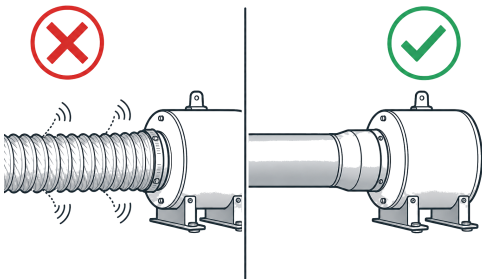


CONNECT POWER SUPPLY

Light on = SilentFlow active

THE 2 MISTAKES TO ABSOLUTELY AVOID

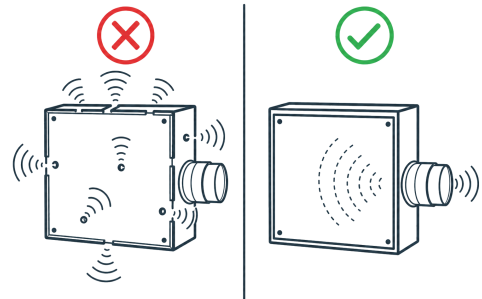
× Flexible duct in front of the absorber



The flexible duct provides thermal insulation but lets noise through!

✓ PVC Tube or custom-made adapter. (by order only)

× Defective acoustic enclosure



A soundproofing casing with holes can turn into an acoustic sieve!

✓ Casing closed and sealed all the way around.

QR code
assembly
video

Support : sav@vibiscus.com | +33 (0)3 81 25 03 49

In doubt about a non-standard connection → Ask for a custom-made adapter.