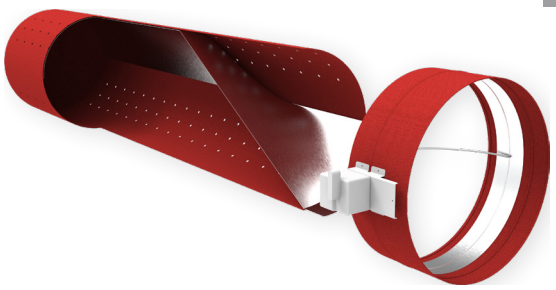
TEXTILE DUCTS

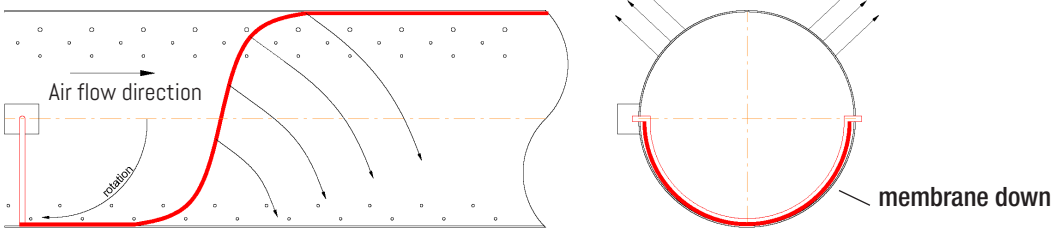
TEXI MOVE

In all HVAC system a compromise between heating and cooling mode is always needed. Today the dynamic diffusion system **Texi Move** optimize each diffusion mode one by one.
The hot air remains in the upper part of the room while the cold air goes down by gravity into the comfort zone. This is why the diffusion mode should be different.
The **Texi Move** diffuser combined with **ODS** system (**O**ptimized **D**iffusion **S**ystem) meets this need for flexibility. An motorized internal membrane, allows to adapt the diffusion with the climatic mode required in the room. Thus, manufacturing processes or the comfort of the occupants are guaranteed throughout all year long.

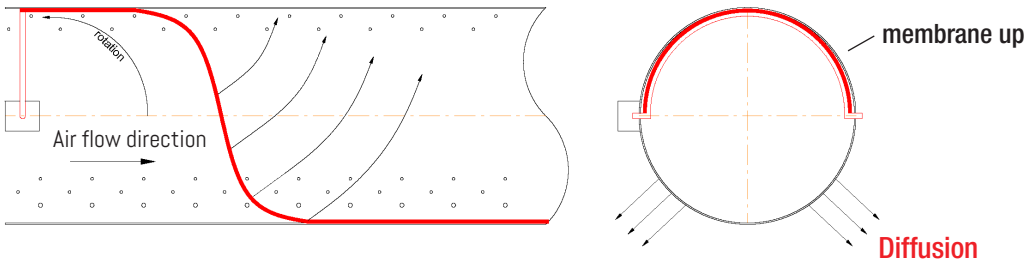


OPERATING USE

Cooling mode

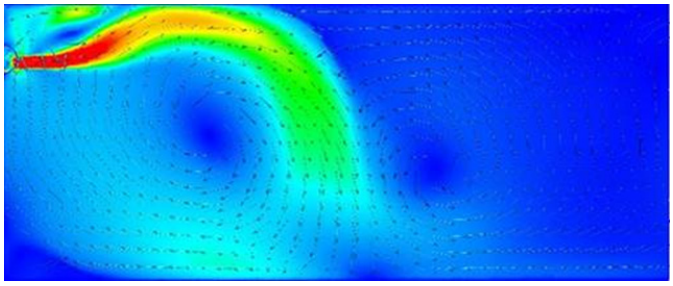


Heating mode

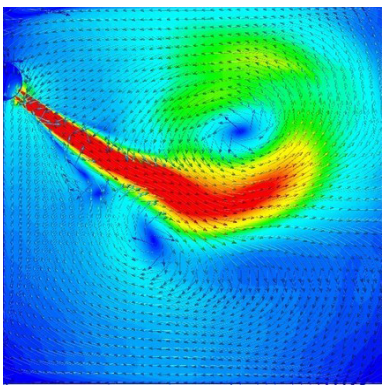


DIFFUSION PRINCIPLE

Cooling mode diffusion :



Heating mode diffuion :



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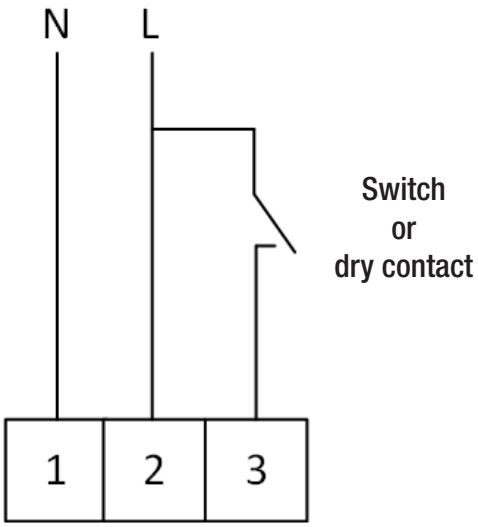
TEXI MOVE

TECHNICAL CHARACTERISTICS

Diffusion mode	Induction (TEXI JET) Slots (TEXI PULSE) Low speed (TEXI SOFT)
Duct fabric	PM1/E 160 (equivalent TIS0080), PM1/E 220, VPU550 (A2-s1-d0)
Available colors	Standards colors : M1 Standards colors : A2-s1-d0
Membrane fabric	Polyester M1, VPU550 (A2-s1-d0)
Duct diameter	From 250 to 1000 mm (M1) 250 to 630 mm (A2-s1-d0)
Air flow	Depending ∅ until 20 000 m³/h maximum
Actuators	On/Off, 230 V

CONTROL PRINCIPLE

The actuator rotates in one direction or the other to place the membrane on the top or the bottom part of the duct. A switch or a dry contact from a controller enables to place the membrane in cooling or heating mode.



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TEXTILE DUCTS

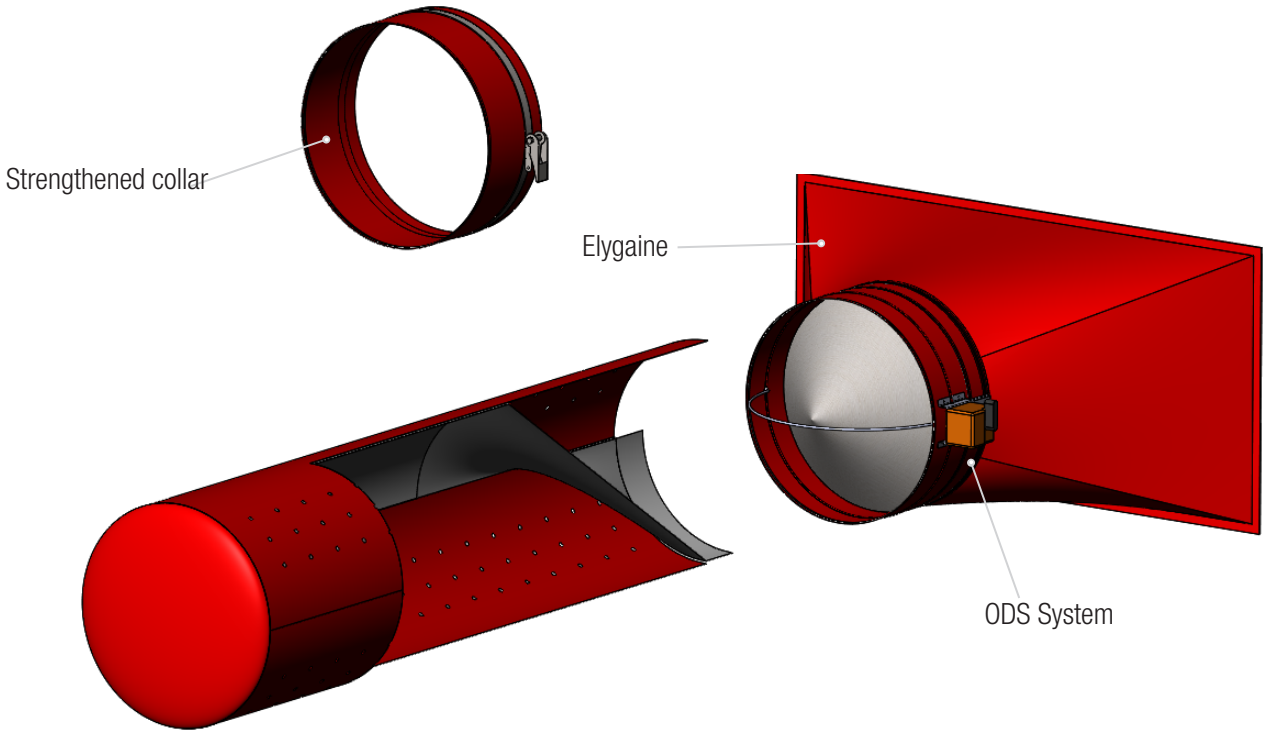
TEXI MOVE

INSTALLATION

Suspension system available for Texi Move :
- 180° double cable

The **ODS** system is attached with a zipper on the textile duct side and with PVC strengthened collar connection on the steel duct side

This one-piece system includes an actuator driving the metal hoop that controls the membrane, fixed on a metal sleeve. This piece is connected to the upstream metal duct with the PVC collar tightened with a ratchet strap.



The Texi Move ducts can be connected to a circular metal duct with a PVC reinforced collar, or to a square or rectangular duct via an Elygaine.

A second clamp, including a metal ferrule and the **ODS** system, connects to the textile duct and membrane via zippers. A central zipper connects these two elements together

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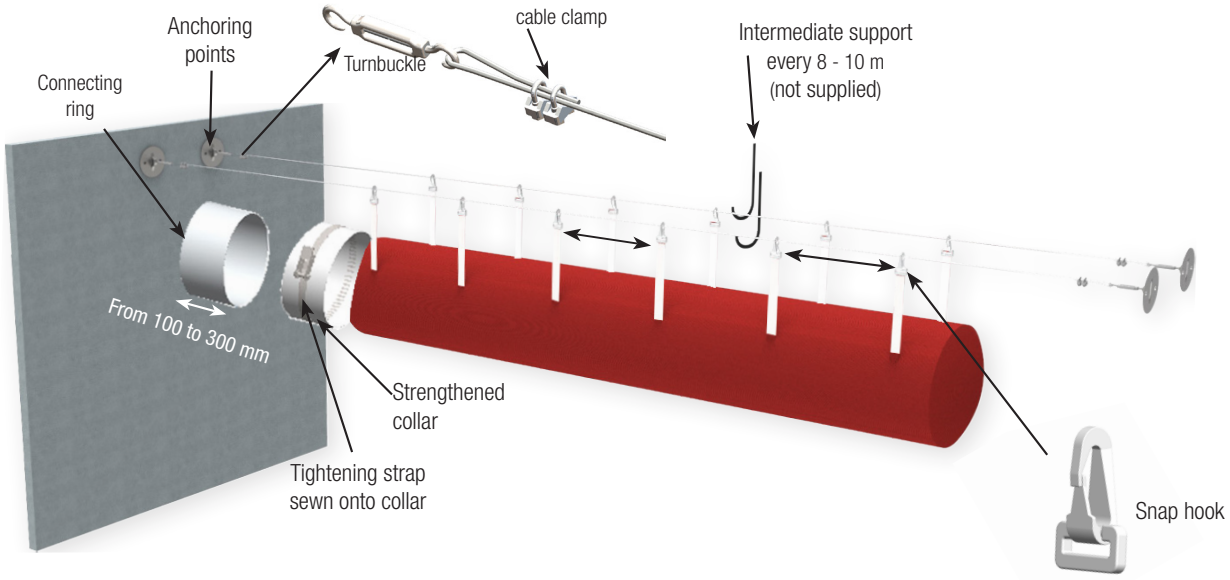
Assembly principle



1. Place the anchoring points according to the axes of the duct.

2. Make a loop at one end of each cable and fit two cable clamp. Place a turnbuckle in the loop and secure it to the wall plate (supplied).

3. At the other end of each cable, place a turnbuckle and make another loop, then place the two remaining cable clamp, applying manual tension to the cable

4. Finally, tense the cable via the tensioners.

5. Install the duct on the cable thanks to the fast snap hooks.

Pay attention to the intermediate bearings (not supplied) during the first ducts inflating.

6. Make the connection on the strengthened collar thanks to the connection ring (not supplied) , tightening strap and fasten the duct on the collar

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