

AERO TEXTILE CONCEPT



Expert in textile air ducts
and diffusers

Cooling
Air conditioning
Transport of air treated
Ventilation
Refrigeration
Ambiance heating



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ASSEMBLY INSTRUCTIONS

TEXTILE DUCTS



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- Identification of your textile ducts

Customer:			
Room / Reference:			
File #:			
Duct landmark:	N°:		
	Quantity:		unit
Characteristics:	Ø		mm
	L:		ml
	L:		ml
	Quantity:		unit
Date :			

- Supporting accessories according to your order
- Your documents: - Plan of your network
- Mounting instructions



01

INSTRUCTIONS

Be sure to read through this guide, before starting the installation of your duct(s).



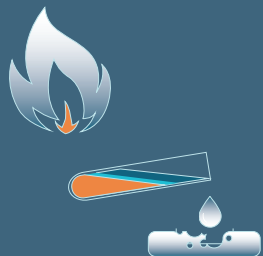
02

SECURITY

Be careful and keep textile ducts away from heat sources or corrosive products



BEFORE YOU START



05

NEED HELP ?

We are at your disposal if any question arise while installing your ducts: contact us.

+33 (0)4 78 05 35 54

03

HYGIENE

To avoid any dirt on the ducts, be sure to handle them with clean hands and place them on a cleaned floor.

04

PROTECTION

For your safety, wearing of PPE is mandatory during installation.



STEP

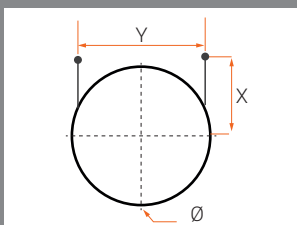
01



Read the installation plan dedicated to your installation and gather supporting accessories.

STEP

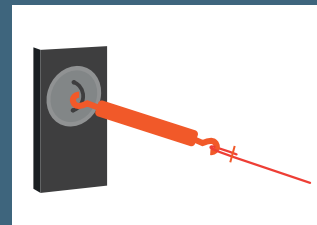
02



Position the anchor points according to the x and y dimensions listed on your assembly instructions.

STEP

03

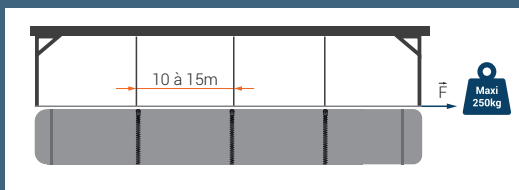


Set the cable between anchor points.

STEP

04

Put intermediary supports which allow to minimise the deflection of the cables, then stretch the cables.



STEP

05

Start the device to evacuate any residues inside the upstream network.

STEP

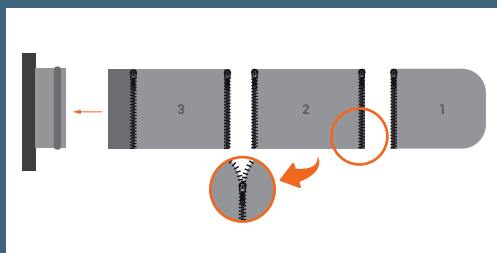
06

Unhook the cable from the intermediate supports, then clip the duct on the cables starting from the terminal section.

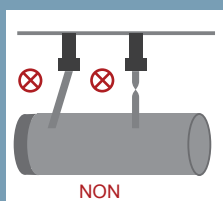
STEP
07

Connect the sections together and connect the duct to the ferrule. Visually check that the duct does not twist (label at 6 o'clock). If there are eyelets : connect the collar to the ferrule through self-drilling screws / rivets...

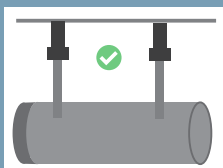
Be careful while setting up the collar over the blowing ferrule to insert the tightening strap within the label (to be used as a loop) and within the loops therefor (if any) before tightening up, to ensure a proper fastening.

STEP
08

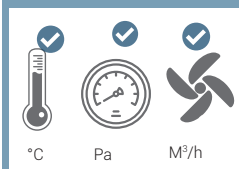
Start the device so that the duct takes up its operating position and validate the proper installation of the fasteners.



NON

STEP
09

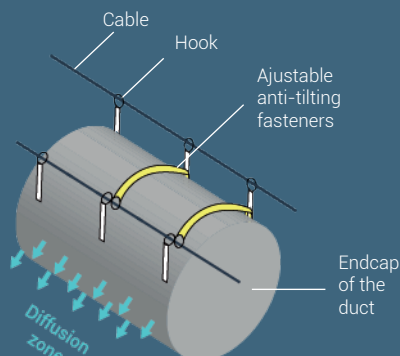
Reposition the cable on the intermediate supports.

STEP
10

Check and validate operating points.

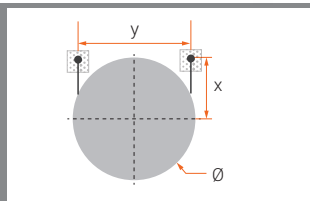
STEP
11

In the case of an asymmetrical diffusion, the sections of ducts have anti-tilting fasteners to counter the thrust generated by the blowing. They must be positioned and adjusted as illustrated on the diagram



STEP
01

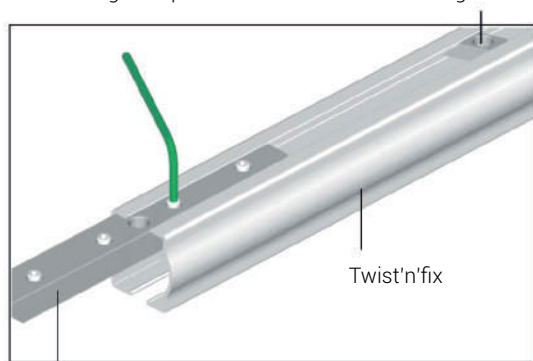
Read the installation plan dedicated to your installation and gather supporting accessories.

STEP
02

Position the threaded rods every 150 mm at the Y centre distance indicated on your instructions guide and pre-adjust their height according to the X-dimension.

STEP
03

Self-locking clamp for M8 threaded rod fastening



Junction splint for M8 threaded rod fastening

Rail fastening through splints or clamps every 1,5 m.

STEP
04

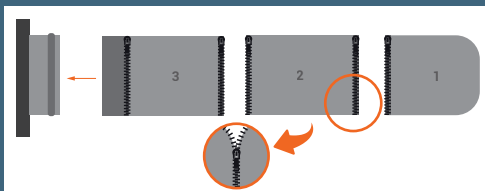
Start the device to evacuate any residues inside the upstream network.

STEP

05

Insert the wheels or the rods, into the rail and connect the duct to the ferrule. Visually check that the duct do not twist (label at 6 o'clock). If there are eyelets : connect the collar to the ferrule through self-drilling screws / rivets...

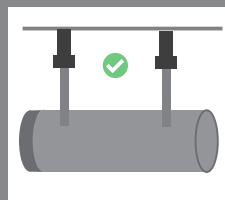
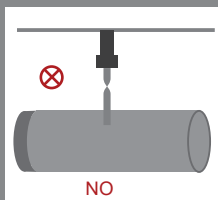
Be careful while setting up the collar over the blowing ferrule to insert the tightening strap within the label (to be used as a loop) and within the loops thereof (if any) before tightening up, to ensure a proper fastening.



STEP

06

Start the device so that the duct takes its operating position and validate the correct installation of the fasteners.



STEP

07

Check and validate operating points.

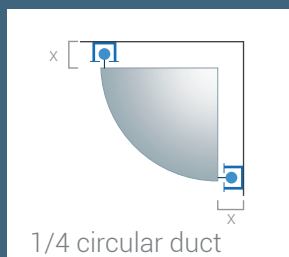
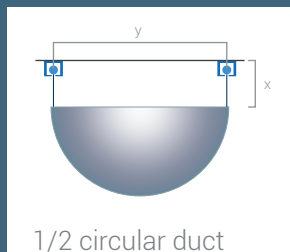


STEP 01



Read the installation plan dedicated to your installation and gather supporting accessories.

STEP 02



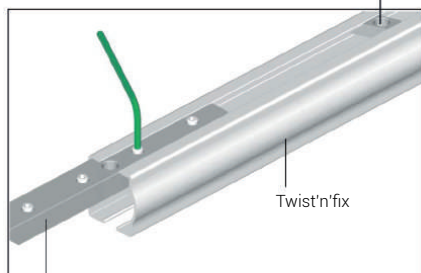
Position anchor points according to the x and y measurements listed on your assembly instructions.

x = $\begin{cases} 30 \text{ mm for profiles} \\ 50 \text{ mm for Twist'n'fix rail + ring} \\ 120 \text{ mm for Twist'n'fix rail + wheels} \end{cases}$

STEP 03

• If fixing by Twist'n'fix rail

Self-locking clamp for M8 threaded rod fastening



Junction splint for M8 threaded rod fastening

Adjust the altimetry of the rails to respect the x-measurement and lock the splint to make the whole rigid.

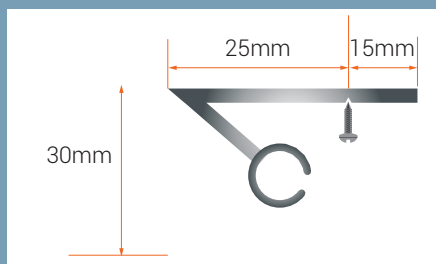
Set up the intermediate supports every 1,5 m.

STEP

03'

• If fixing by profile:

- Fix the profile:
- 1st screw at 50 mm from start
 - Last screw at 50 mm from the end
 - 1 screw every 500 mm



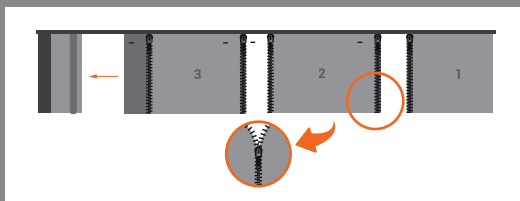
STEP

04

Start the device to evacuate any residues inside the upstream network.

STEP

05



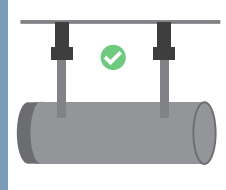
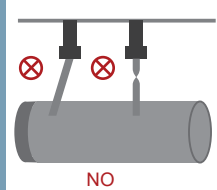
Connect the sections together and connect the duct to the ferrule. Visually confirm that the duct does not twist (label at 6 o'clock). If there are eyelets : connect the collar to the ferrule through self-drilling screws / rivets...

Be careful while setting up the collar over the blowing ferrule to insert the tightening strap within the label (to be used as a loop) and within the loops therefor (if any) before tightening up, to ensure a proper fastening.

STEP

06

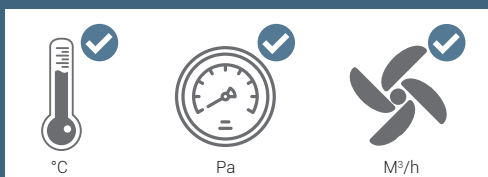
Start the device so that the duct assumes its operating position and validate the correct installation of the fasteners. In the case of a twist'n'fix support by wheels, validate that the fasteners do not twist.



STEP

07

Check and validate operating points.







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