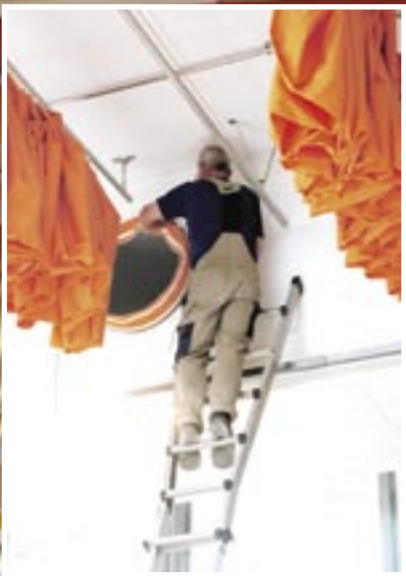


Suspensions

FabricAir® Ducts using suspension type 5. You will find a number of different suspension systems which all allow for easy installation and removal for washing and maintenance.



Easy installation and removal for washing and maintenance

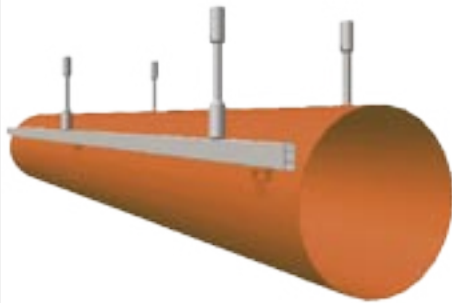
FabricAir® provides 10 different types of suspension system to meet the needs of every possible installation condition you may encounter in the field today. Selecting the right type will allow you to cut time and money from your project.

Our web site, www.fabricair.com/suspensions contains an animated installation demo for each type. This will help you to understand how to install each system and ensure that you have chosen the correct system for your application.

There are three basic suspension systems: "H" Rail, "T" Rail or Cable.

The first step is to determine whether or not you should use a single or double suspension system. To make that choice consider the following items:

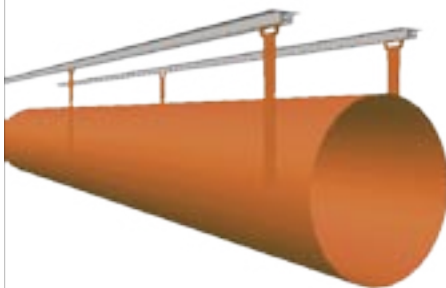
- When the duct is deflated, the bottom of the duct may come into contact with parts of the building structure - if this happens, the duct may over time be damaged. In this case we recommend a double suspension system that prevents contact between building surfaces and the duct wall.
- If the appearance of a deflated duct is undesirable use a double suspension system to support the duct on both sides.
- We recommend that all fabric ducts over 24" diameter use double suspension systems.



“H” Rail

A sturdy suspension system allowing fabric ducts to be taken down with a minimum of effort for laundering and maintenance. A single row of gliders mounted at 12:00 o'clock on the duct slides into the bottom of the rail for single suspension, while gliders positioned at 3:00 and 9:00 fix into two

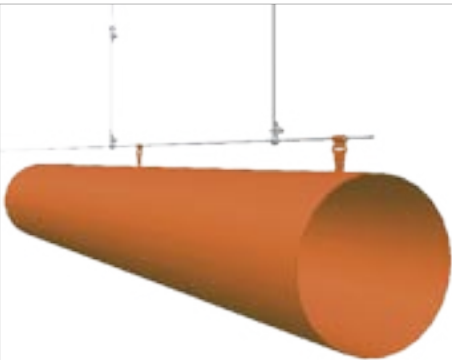
rows of continuous rail for the double suspension system. The rail (single suspension) can if necessary be fixed directly under and onto the ceiling to save space, or it can be suspended between ceiling or overhead structure and the duct, via a series of cable risers.



“T” Rail

The rail is in all circumstances fixed directly to the underside of the ceiling. Gliders fixed on the duct at 12:00 o'clock slide into the bottom part of the rail for a single suspension system, while straps and gliders positioned at 3:00 and 9:00 o'clock are slid into the two rows of continuous rail for the double suspension system.

This rail is also used for suspending the half round version of fabric ducts. Here the duct to rail attachment comes in two versions, one a bulb edge, and two, a glider. Both attachments slide into the rail for easy duct removal.



Cable

This suspension method is economical and simple to install requiring a minimum of tools. A single or double cable is strung between the walls over the duct to support it along its full length. Plastic snap hooks situated at 12:00 o'clock on the duct clip onto the cable when using a single suspen-

sion method. A double suspension method requires the snap hooks to be positioned at 3:00 and 9:00 o'clock. While this suspension system has a lower initial cost, the labor required to remove the ducts for cleaning, laundering and subsequent re-installation is higher than the two other suspension systems.

Duct Profile
Suspension method
Single point Susp.
Double point Susp.
Requires fixed ceiling
Quick duct removal
Position of attachment on duct (o'clock)

Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7	Type 8	Type 11	Type 12
Round	Round	Round	Round	Round	Round	Round	Round	Half Round	Half Round
Cable	Cable	“T”	“T”	“H”	“H”	“H”	“H”	“T”	“T”
○		○		○		○	○		
	○		○		○			○	○
		○	○					○	○
		○	○	○	○	○	○		○
12	3 - 9	12	3 - 9	12	3 - 9	12	12	3 - 9	3 - 9

See animated film on installing the different types of suspension systems on www.fabricair.com/suspensions