

Suspension

The installation depicted in the photos is FabricAir® Trevira CS using suspension type 5.

This and our range of different other suspension systems have unique properties ensuring easy installation and dismantling for washing and maintenance.

Easy Installation and Dismantling for Washing and Maintenance

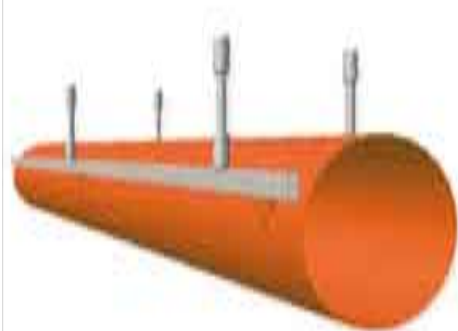
FabricAir® provides several suspension systems adapted to different conditions. Selecting the right type of suspension reduces the subsequent project time usage.

There are three basic suspension systems: "H" rail, "T" rail and Cable, and two suspension methods - single or double suspension. When a *double suspension* duct is deflated, the duct hangs like a "half moon", whereas a deflated *single suspension* duct folds up and hangs further down from the ceiling.

We recommend *double suspension* if the duct is more than 630 mm in diameter.

Animated films on "How to Install" are found at www.fabricair.com/suspensions, which also will assist you in finding and choosing the right suspension system.





H Rail

The *H rail* is a stable suspension system that facilitates rapid dismantling of the duct system for washing and maintenance.

For *single suspension*, sliders are attached to the top of the duct, i.e. at 12 o'clock. For *double suspension*, sliders are attached at 3 and 9 o'clock.

For *single suspension*, an *H rail* can be attached directly under and onto the ceiling to save space - or an *H rail* can be suspended from perpendicular cables leading down to the rail from the ceiling through other existing ceiling equipment.



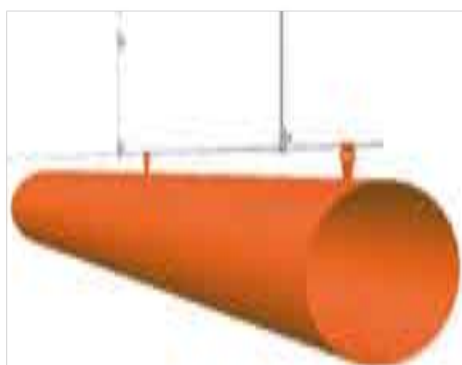
T Rail

A *T rail* is always attached directly to the underside of the ceiling.

For *single suspension*, the duct sliders slide into the bottom part of the rail. The sliders sit in a row at the top of the duct, at 12 o'clock. For *double suspension*, two rows of sliders slide into two rails. The sliders are attached to

straps along the sides of the duct at 3 and 9 o'clock.

T rails are also used for suspending half-round (D-shaped) fabric dispersion systems. This is done using one of two methods: a bulb edge or sliders. Both types slide into the rails for easy duct removal.



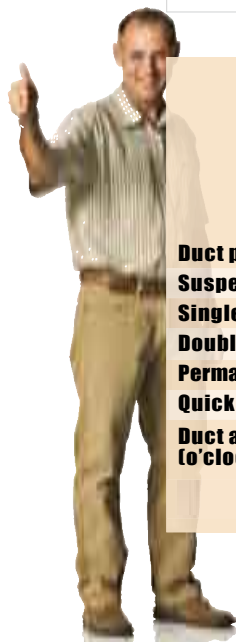
Cable

Cable suspension is economical and simple to install, because few tools are required, etc. Cables are strung cross-wise between the end walls for both *single suspension* and *double suspension*.

For *single suspension*, plastic hooks mounted at the top of the duct, i.e. at 12 o'clock, snap onto the cable.

For *double suspension*, the hooks are snapped onto both cables, in this case mounted at 3 and 9 o'clock.

While cables are economical to install, they require a little more work to dismantle and reinstall than *H rails* and *T rails*.



	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6	Type 7	Type 8	Type 11	Type 12
Duct profile	Round	Round	Round	Round	Round	Round	Round	Round	Half round	Half round
Suspension method	Cable	Cable	T	T	H	H	H	H	T	T
Single suspension	○		○		○		○	○		
Double suspension		○		○		○			○	○
Permanent ceiling required			○	○					○	○
Quick duct removal			○	○	○	○		○		○
Duct attachment position (o'clock)	12	3 and 9	12	3 and 9	12	3 and 9	12	12	3 and 9	3 and 9

See animated films on how to install the various types of suspension systems at www.fabricair.com/suspensions.

Screws and other attachment materials are not included.