

## What are the guidelines for installation?

Titon can advise on suitable ventilation unit and provide a full design incorporating all necessary components and ducting for your project.

Always follow the Titon design supplied to ensure the system performance is not compromised and notify the Design Department before making any significant change.

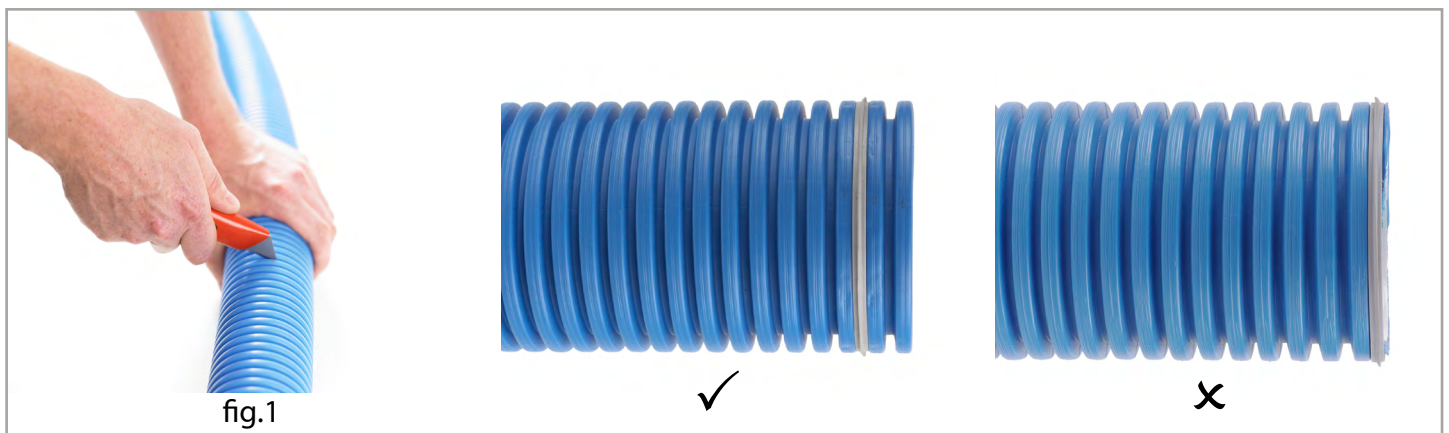
- 1) Run from the manifold the correct diameter and colour semi rigid duct to the required rooms, secure and label at the manifold for ease. Solid 90° bends are available to overcome tight corners.

Take into consideration this point before starting install.

Any duct running through an unheated space must be suitably insulated. Insulation must be sealed and retained at each termination/end.

### At the rooms:

- 2) Cut the semi-rigid duct to the correct length and fit rubber sealing ring to the second complete recess of the duct to ensure secure airtight fit (see fig.1).



- 3) Insert ducting into the room diffuser connector, lock and secure into position.
- 4) Fit floor/ceiling brackets where necessary to protect integrity of the system.



### At the manifold:

- 5) Cut the semi-rigid duct to the correct length and fit rubber sealing ring to the second complete recess of the duct to ensure secure airtight fit (see fig.1).
- 6) a) Fit the manifold connector to the duct and lock.  
b) Insert the bayonet fitting into the 8 port manifold and rotate clockwise to lock.  
c) Insert restriction ring (cut to the correct aperture) into the connector via the inside of the manifold and secure with the locking ring.
- 7) Repeat for each duct run.

Semi-Rigid ducting is not always the most cost effective solution, however wastage is minimised due to the nature of being able to disassemble and reassemble. The design approach is so different it is very difficult for a reasonable project price comparison (labour and materials) to be made.