Semi-Rigid Ducting

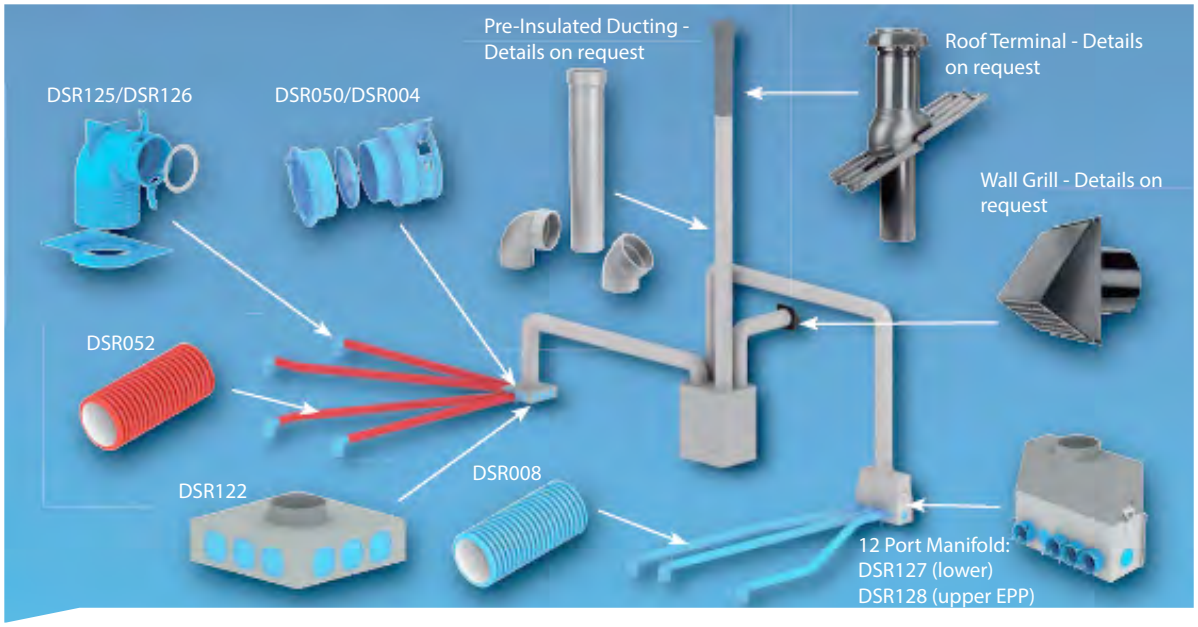
For mechanical ventilation with Heat Recovery (MVHR)

Semi–rigid ducting designed for domestic ventilation systems is modern, clean, leak-free and easy to install. It is an alternative to solid plastic ducting that has traditionally been used to move air around a home. In contrast, semi-rigid uses a radial approach that allows for smaller duct diameter making it much easier to accommodate in tight spaces, especially in combination with the duct flexibility.

Titon® ventilation systems

What are the benefits of working with Semi-Rigid Ducting?

- Components click together to form airtight secure joints without using messy sealants and unreliable tapes.
- Joints can be disassembled and reassembled easily to allow installer adjustment.
- Minimal resistance to airflow, due to smooth inner skin.
- Ducting remains flexible whilst maintaining profile – the bends do not collapse which is a risk with traditional flexible ducting.
- The duct is cut to length on-site meaning no modular connection is required between plenum and air valve.
- Successfully used for many years on the continent. Titon have adapted the product specifically to suit installation in new build dwellings in the UK.
- Individual rooms connected to sound absorbing plenum to help overcome noise transfer, reducing the risk of noise pollution from outside the dwelling whilst eliminating 'cross talk' between rooms.
- Easily detached air valves that can be put in the dishwasher.
- Will not crush or alter the profile if it's stood on or bent.
- SAP Q listed.
- Complements Titon *Q Plus* range of Ventilation Systems products.



*Please see component list on next page for identification

System Components

- System component choices will be determined by the Designer to suit individual build characteristics and airflow performance demands.
- MVHR units require two direct connections to the outside air, one for the supply of fresh air and another to exhaust the polluted, stale air using insulated rigid ducting.
- Distribution of the air to the individual rooms is via semi-rigid ducting connected to manifolds, one manifold serving the supply of fresh air and a separate manifold for stale extract air.

Semi-Rigid components

DSR122	Insulated 8 port manifold
DSR007	Restriction ring
DSR022	Universal diffuser (Extract & Supply)

Ø92mm		**Ø75mm**	
DSR008	Semi-Rigid ducting - Blue	**DSR052**	Semi-Rigid ducting - Red
DSR004	Manifold to duct connector	**DSR050**	Manifold to duct connector
DSR010	Duct to duct connector	**DSR049**	Duct to duct connector
DSR013	Duct to diffuser straight connector	**DSR077**	Duct to diffuser straight connector
DSR016	90° bend	**DSR078**	90° bend
DSR018	Duct fixing bracket	**DSR020**	Duct fixing bracket
DSRINS92	Insulation sleeve x 10m	**DSRINS75**	Insulation sleeve x 10m
DSR126	Duct to diffuser 90° connector	**DSR125**	Duct to diffuser 90° connector

Duct to diffuser 90° connector (DSR125)

Insulated 8 port manifold (DSR122)