

A photograph of a worker in a yellow safety vest and dark clothing standing on a yellow ladder. The worker is positioned in the center of a dense network of large, metallic ducts and pipes. The scene is dimly lit, with a blue tint, suggesting an industrial or utility setting. The ductwork is complex, with many bends and connections. The worker appears to be inspecting or working on one of the ducts.

MesaVent.

Supply Only Ductwork Solutions

DW/144 Ductwork

DW/144 provides comprehensive guidance on the design, construction, installation, and testing of ductwork systems. The standard ensures that ductwork is manufactured to high quality and performance specifications, addressing factors such as air leakage, strength, and durability. Compliance with DW/144 helps ensure efficient and reliable ventilation systems, contributing to improved indoor air quality and energy efficiency in buildings.

We are able to manufacture:

- **Galvanised Steel**
- **Stainless Steel**
- Mild Steel
- Pre-finished Steel
- Aluminium

Our skilled team ensures that each piece of ductwork meets the rigorous standards set forth by DW/144, providing you with systems that are not only robust but also tailored to their specific needs.

Our ductwork is also compliant with **SMANCA standards**.

We continually invest in the latest technologies and training to keep our processes at the forefront of industry advancements. This dedication allows us to offer innovative solutions that enhance system performance and sustainability.

What we offer..

- **Manufacture of galvanised and stainless steel ventilation ductwork to DW/144, SMACNA and bespoke standards.**
- **Circular/spiral ductwork.**
- **Ductwork testing prior to delivery.**
- **FME sealing of ductwork prior to shipment.**
- **Manufacture of off-site Modular Building Services assemblies.**



Duct Pressure Class	Static Pressure Limit		Maximum Air Velocity	Air leakage limits l/s/m ²
	Positive	Negative		
Class A Low Pressure	500Pa	500Pa	10m/s	0.027
Class B Medium	1000Pa	750Pa	20m/s	0.009
Class C High Pressure	2000Pa	750Pa	40m/s	0.003
Class D High Pressure	2000Pa	750Pa	40m/s	0.001

We can provide all classifications (Class A - Class D) of DW/144 rated ductwork

Engineering

Whether you're looking to upgrade an existing system or install a new one, our engineers are adept at navigating the complexities of ductwork design. They will collaborate closely with you, understanding your specific needs and preferences, to create a customised solution that is both efficient and cost-effective.



All engineers fully trained on BIM software and processes



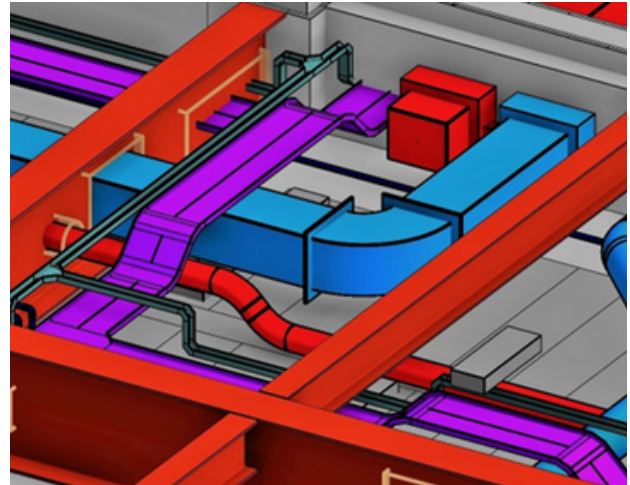
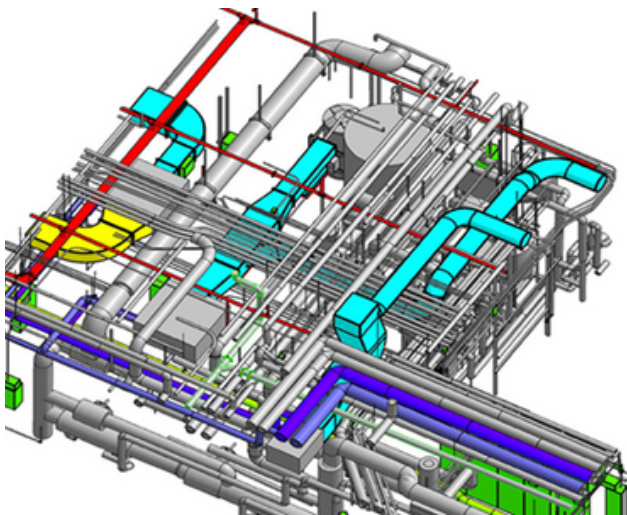
Better project co-ordination and Clash Detection



AUTODESK®
REVIT®



AUTODESK®
NAVISWORKS®



Manufacture

Our commitment to quality and precision is reflected in every product we deliver. By leveraging the latest technology and innovative techniques, we can create solutions that not only meet but exceed your expectations.



High quality manufacturing and compliance process

DW/144

Working to DW/144, SMACNA and bespoke standards



QR coding system for parts traceability

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