

Premium Round PVC Air Ducting for High-Performance Residential Ventilation Systems

The selection of air ducting is critical to the long-term effectiveness of any mechanical ventilation system, particularly those installed under the stringent requirements of UK Building Regulations. Our **Round PVC Air Ducting** is engineered to simplify compliance and ensure optimal system performance, directly addressing the key requirements of **Approved Document F (ADF)**.

Optimising for ADF (Ventilation) Compliance

Approved Document F (ADF) mandates that ventilation systems must be installed and commissioned to deliver the design flow rates (as required by the system design and calculated under **BS 5925** or **BS EN 15251**). This is where the choice of ducting material and shape becomes paramount.

Round ducting, such as our PVC range, inherently offers **superior airflow performance** compared to rectangular or oval alternatives of equivalent cross-sectional area. This is due to the maximized internal volume-to-surface-area ratio, which significantly **reduces resistance and pressure drop**.