



Do

Maximum length of flexible ducting

Flexible ducting supports

Sleeve

Grille discharge opening

Discharge grille

Airflow

Minimum radius = the diameter of flexible ducting used

Room terminal/exact grille

Airflow

Sealant

Cavity

Peaks and troughs

Preferred flexible ducting route

Restrictions



Don't

**Sitesound**  
Air Tightness, Vent & Sound Insulation Testing

*'Here to help you pass'*

**Key Observations:**

This drawing is to be used in conjunction with Site Sound's 'Guide to Help You Pass the Vent Test'.

- Flexible ductwork only to be used in accordance with the manufacturer's installation details, kept to a minimum & avoided where possible.
- Should be extended to at least 90% of its length.
- Be supported to avoid sagging & allow a gentle curve to any terminal.
- Axial fans max ductwork length 1.5m, centrifugal fans 6m (extract rate 6 to 30 l/s) and 3m (31 to 60 l/s).
- Max. bends: 2 for up to 30 l/s, 1 bend for higher extract rates.
- Bends must maintain a radius that is at least the same as the diameter of the flexible duct.
- Open grilles have less resistance than the fitted louvre grille with flaps.
- Ensure compliance with Part B.