

**The lightweight plenum solution
designed to save you time and money.**

Cheaper. Lighter. Easier. Sterling plenum boxes are the perfect solution.

Sterling pre-insulated plenum boxes are made from Kingspan **KoolDuct**[®] Plenum panels. These boxes replace the traditional lagged sheet metal plenums and have many advantages.

Offering a lightweight solution for air distribution, they come in the form of pre-assembled units, requiring only one person to install.

These plenum boxes generally need no other support, sitting immediately upon the available ceiling grid, thanks to their exceptionally light weight. Combined with their ease of installation, and excellent insulation properties, savings in both cost and installation time can be expected.

lightweight

- Approximately 15% of the weight of traditional galvanised steel boxes and insulation

pre-insulated

- Kingspan **KoolDuct**[®] Plenum panels are faced on both sides with a 23 micron black-coated aluminium foil vapour barrier reinforced with a 5mm glass scrim
- Manufactured without the use of CFCs / HCFCs and has zero Ozone Depletion Potential (ODP)
- Thermal conductivity: 0.021 W/mK at 10°C mean temperature
- 40kg/m³ density
- 120Kpa compressive strength
- Fabricated from 20mm rigid phenolic insulation panels
- Achieves a Class O fire rating to the Building Regulations and Low Risk rating for the Technical Standards in Scotland

labour-saving

- Single application, no second fix of insulation required
- Single-handed installation

cost-saving

- Price comparable to traditional galvanised box – no insulation required
- Installation quick and easier
- Additional supporting generally not required

easy to integrate

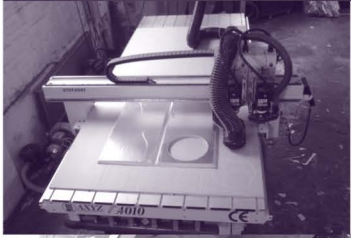
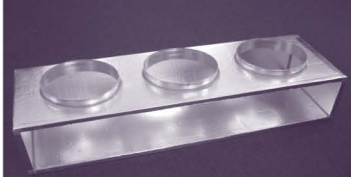
- Boxes pre-assembled complete with spigot connection
- Non standard and bespoke boxes available to order
- Precision engineered by computerised machinery and hand assembled
- Compatible with any grille, diffuser, fan coil or VRF unit
- Can be supplied with integral balancing dampers

To find out more or to request pricing information, get in touch:

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CELEBRATING OVER 20 YEARS OF STERLING SERVICE