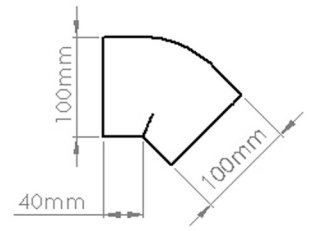
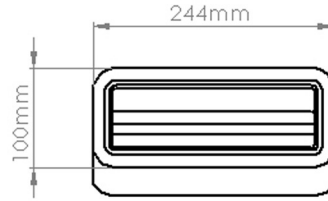


Technical Data Sheet

Code 46719

FD200 Thermal Self Seal 45 Degree Vertical 45 Bend



SPECIFICATION DETAILS

The Verplas Self-Seal Thermal SST-204-45VB insulated fitting is manufactured from graphite impregnated expanded polystyrene (EPS) with a minimum density of 25kg/m³ and provides a free area of 12,232 mm². The product is supplied with self-seal female couplings that allow the ducting fitted with a Duct to Fitting Connector to be plugged into the fitting apertures with a push, click and lock mechanism.

The Self-Seal female couplings are manufactured from prime High Impact Polystyrene and a Thermoplastic Elastomer Dynamic Sealing Gasket.

The EPS material is fully tested to meet the thermal conductivity requirements of BASF-EN13163 to assist with the prevention of condensation and is flame retardant to DIN 4102-B1.

Self-Seal Thermal Fittings exceed the current UK Domestic Ventilation Regulation requirements of Part F 2010 Domestic Ventilation Compliance Guide and NHBC Guidance Document Chapter 3.2 and provide a thermal conductivity of 0.03 W/mK which at 20mm thickness gives a thermal resistance or R-value of 0.666 m²K/W.

The patent pending push, click and lock mechanism provides a low leakage solution which exceeds the requirements set out in DW/143 Class A leakage test and DW/154 ductwork standards.

The Self-Seal Thermal is compliant with the requirements outlined in the Energy performance characteristics database for use in SAP with MVHR and MEV supply and extract ventilation systems.

MAX/MIN OPERATING TEMPERATURES + 60°C to - 15°C

Size: 204mm x 60mm

For use with: Vortice Ducting

Box quantity: 6

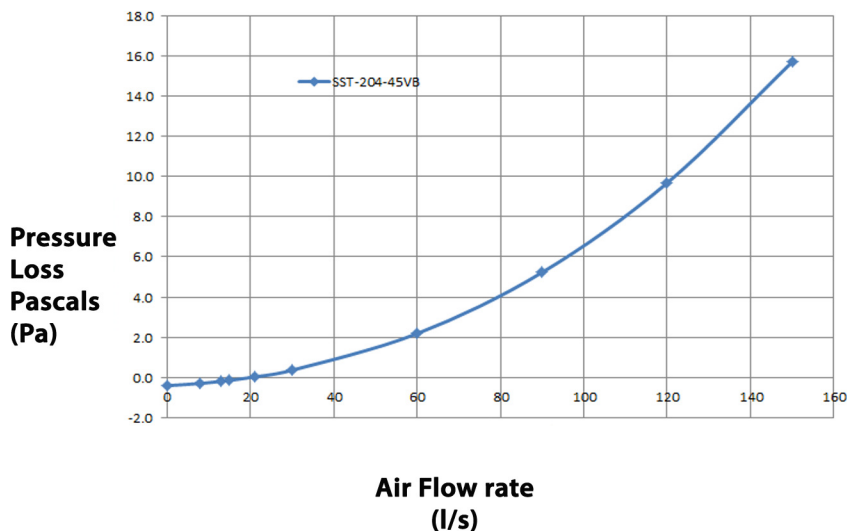
Individual Weight: 210g

Colour: Grey

Thermal Resistance: 0.666 m²K/W

Thermal Conductivity: 0.03 W/mK

PERFORMANCE CURVE



AIRFLOW

8 l/s

13 l/s

21 l/s

30 l/s

60 l/s

120 l/s

RESISTANCE

- 0.30 pa

- 0.20 pa

0.00 pa

0.40 pa

2.20 pa

9.70 pa

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