

All Saints Junior School - Maidenhead

Consultant

- Maidenhead Council

Client

- Perfect Pipework Ltd

Sector

- Education

Products

- MasterFlue System

Equipment

- A.O. Smith COF315

Application

- Atmospheric



Front Entrance



Airtherm Masterflue



Draft Regulator Fitted

Airtherm Engineering Limited has completed a flue installation at All Saints Primary School, Maidenhead.

The flue system was installed in September 2012, and completed ready for the return of the pupils on their return from the summer shut-down.

The flue system incorporated a draft stabiliser, as recommended within the manufactures operating an maintenance literature for balancing purposes.

Due to the close proximity of a kitchen ventilation intake (AHU), approx. 5m distance, the flue system couldn't simply terminate above the flat roof as standard. The flue incorporated an offset towards the taller structure, and the twin wall flue system was fixed and secured to the existing brick stack.





Stainless Steel Flue System



External MasterFlue

Water Heater: AO Smith
 Model: COF315
 Application: Chimney / Flue system
 Operating mode: Dry
 Pressure: Negative
 Working pressure: 200 Pa (product will operate 1000pa max)
 Inner wall: 316L1.4404/1.457 thickness Ø250 0,4 mm
 Outer wall: AISI 304/ 1.4301 thickness 0,5mm
 Insulation: 25mm thick Rockwool insulation
 Sealant : tri-lip 'o' type silicone ring
 Fuel type: Oil

• ***Other Application METALOTERM MasterFlue***

- Condensing boilers
- Atmospheric gas-fired boilers
- Gas blown boilers
- Industrial ovens, large-scale establishments
- Wood-fired stoves

• ***Other Advantages METALOTERM MasterFlue***

- No terminal bridges, better heat protection
- High-temperature silicone sealing ring
- Fast-build system without the need of sealants
- High quality insulation uninterrupted from base plate to top stub

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