

Capel Manor Primary School - Enfield

Consultant

- T&B Limited

Client

- Perfect Pipework Ltd

Sector

- Education

Products

- MasterFlue System

Equipment

- 2nr Broag Eco 210-6 section Boilers

Application

- High Efficiency



Capel Manor School has entered probably the most exciting phase in its history as work to expand the school to two-form entry has nearly been completed. The now doubled in size and there is a new state of the art building. There will also be some improvements to the present building and the children and the community will have first class facilities throughout the school.

Here is a computer generated image of how the building should look when it is completed:



The blue sections are the new building and the orange represents the present school. There will also be a new playground, frontage and car park. The school will also have new facilities and will be more eco-friendly. In short Capel Manor will be able to access first class facilities.

Here is a computer generated image of how it will look from the ground level:



The school was built in 1958 and has now undergone the expansion. Capel Manor have first-class facilities for their dedicated pupils that attend.

Airtherm Engineering Limited has recently completed a twin wall fire rated flue installation at Capel Manor Primary School – Enfield .The flue system selected is the ‘Masterflue’ range.

The Remeha Gas 210 Eco Pro boilers used are a compact floor standing condensing boiler. The small footprint and ability to be installed back to back makes them ideally suited for fluing.

The client requested Airtherm to attend site, prepared and return a fully comprehensive tender, in which design calculations were carried out ensuring the system was adequately sized to convey the products combustion to atmosphere. Due to the huge bulk stock levels in this particular ‘MF’, and our capabilities in reacting quickly, our dedicated team of time served engineers accomplished the mission to our client’s delight.

We are delighted of our performance once again, and look forward to working with the client again.

Our comprehensive product portfolio covers a full range of commercial & industrial solutions across a selection of fuels and applications. Call us for more information



Broag Eco 210 Boiler Range

- Boilers: Broag Remeha
- Model: Eco 210-6
- Application: Chimney / Flue System
- Operating mode: Wet
- Pressure: Positive pressure
- Working pressure: 200 Pa (product will operate 1000pa max)
- Inner wall: 316L1.4404/1.457 thickness $\leq \text{Ø}250$ 0,4 mm, $\geq \text{Ø}300$ 0,5 mm
- Outer wall: AISI 304/ 1.4301 thickness 0,5 / 0,6 mm
- Insulation: 25mm thick Rockwool insulation
- Sealant : tri-lip 'o' type silicone ring
- Fuel type: Gas



MasterFlue

• ***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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