

## Raich Leisure Centre - Sunderland

### Consultant

- Sunderland Council

### Client

- RM Myers & Co Ltd

### Sector

- Leisure

### Products

- MasterFlue System

### Equipment

- Hamworthy 220/660he

### Application

- High Efficiency



*Front Entrance*



*Airtherm Masterflue*



*Hamworthy 220/660he Modumax*

Airtherm Engineering Limited has recently completed a flue installation, working closely with the contractor at Raich Leisure Centre, Sunderland. The flue system selected is that used 'Masterflue' by Hamworthy Heating.

The flue system installed comprised of a 3m horizontal run and a 7m vertical, incorporating the necessary drains to allow any unwanted condensate to evacuate the system.

The flue system was installed in December 2012. Our engineers had been given only ten days to arrange for both a site meeting and to install the complete flue system, in which to meet our clients program. Not only did we fulfil our obligation but Airtherm were a massive 15% cheaper than the boiler manufacture's own preferred company with a 'like for like basis and using the exact same Masterflue(MF) product range.





*Existing Flue Systems*

Boilers:	Hanmworthy
Model:	2 x Modumax 220/660he
Application:	Chimney / Flue system
Operating mode:	Dry / 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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