

FRESH AIR NEWS

INNOVATIVE POOL VENTILATION TECHNOLOGY FROM

Recotherm

01527 894533 www.recotherm.co.uk

How to silence a Noisy Neighbour, without going off the deep end!



Tudor North West Ltd a mechanical services contractor were approached by Wigan Council when they had a **problem with a noisy ventilation unit on a community swimming pool.**

PROBLEM:

The existing unit was manufactured by Moducel Ltd and when originally installed had run around coil system and a heat pump and operated on a full fresh air basis. The heat pump had been removed years before and now the unit was operating on full fresh air.

The problem was that people in a new housing development close to the plant room were complaining about the noise from the unit, particularly at night in the summer, when they have open windows for ventilation whilst they are trying to sleep.

EVALUATION:

The main problem was that the existing unit was 6 meters long leaving no room to add attenuation, so the decision was taken to replace it. **Tudor's attitude was if you are going to the trouble of replacing the unit you might as well fit the most efficient unit on the market, so they approached Recotherm.**

SOLUTION:

Recotherm designed a bespoke unit handling an air flow of 5 m³/s which incorporated the latest EC fans, recirculation facility and a high efficiency recuperator all in a length of 3470 mm. Thus allowing for the installation of attenuators which were 1500 mm long. The added bonus was that the unit could be supplied in flat packed form so there was no need to knock down and rebuild any walls.

BENEFITS:

The installation took a little over two weeks to finish and everybody is very pleased.

The locals are pleased because the noise has gone.

The council is pleased because the locals have stopped complaining.

The operator is pleased because the running costs have reduced.

Tudor and Recotherm are pleased because they solved a difficult technical problem and helped their client solve a community issue.

Martin Killern of Recotherm commented

"Recotherm are leading innovators in swimming pool fresh air ventilation and have a unique problem solving mentality - sometimes a standard package that looks value for money just doesn't solve the problem.

That's why we offer a bespoke service to the industry."

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