

# FRESH AIR NEWS

INNOVATIVE POOL VENTILATION TECHNOLOGY FROM

## Recotherm

01527 894533 [www.recotherm.co.uk](http://www.recotherm.co.uk)

## Multiple sensor/conditioning system to keep every zone supplied



Recotherm can supply fresh air conditioning for all scales of project from domestic pools to very large leisure facilities.

#### SCALE OF PROJECT

The Wigan Life Centre swimming pool has a 525 m<sup>2</sup> leisure pool with a 97.5 m<sup>2</sup> learner pool. It's a large facility with a high ceiling which gives a total pool hall volume of 15,500 m<sup>3</sup>.

#### EQUIPMENT PROVIDED

Recotherm designed and manufactured two of their high efficiency CVF 800 units to serve the pool hall. These units serve air to five remote heater batteries situated around the facility, these are all controlled from the Trend IQ3 controller in the Recotherm unit. This entire network is in turn networked onto the councils BMS system.

#### SENSORS TO CONTROL MULTIPLE ZONES EFFECTIVELY

In order to allow various zones to be measured and controlled separately additional sensors are mounted at low and high level allowing the temperature and humidity to be checked at a number of different points.

One of the five remote heater batteries is dedicated to serve the spectator area allowing this unit to supply air into this area at a different temperature to the rest of the pool.

On special occasions where larger crowds of spectators are resident the unit can be switched into 'gala' mode which increases the amount of fresh air and provides cool air into the spectator area, who otherwise would be too hot in outdoor clothing.

In all a very comprehensive system that can measure and control temperature and humidity in a large facility also offering state-of-the-art BEMS integration and remote management to aid reduced running costs and improve supervision.

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