

CASE STUDY

Laura Sevenus Swim School Chiswick



Laura Sevenus Swim School, Chiswick, offers swimming tuition for all ages.

The swim school is situated in Wilson Walk Chiswick, built in a railway arch under Stamford Brook railway station.

The school's swimming pool is 12.5m long and 4.5m wide with a water temperature maintained at 33°C to ensure it is suitable for infant swimming lessons.

Conditions in the pool hall were poor with only small extract fans at one end removing some of the humid air. Condensation on all surfaces was destroying the fabric of the building. The school installed a recirculatory dehumidifier which could not cope with the evaporation from the pool as well as not providing the correct amount of fresh air for the well-used facility. The pool hall was only heated by the losses from the pool.



The system is now up and running and it's wonderful! The difference is remarkable - thank you.



Kirsten Sevenus



External plant room



Pool hall supply and extract duct

ESG designed and installed a complete energy efficient ventilation system to control the environment within the pool hall. The air handling plant was installed in an existing outbuilding, the pool hall supply and extract ducts being routed over an access road behind the premises.

ESG's variable fresh air system combined with ESG control system provides a cost effective answer.

The control system constantly adjusts the air flows within the air handling unit to control humidity and temperature within the pool hall whilst taking into account external weather conditions. Thus providing excellent conditions combined with the lowest running costs.

System Specification

Pool - 12.5m x 4.5m

Water Temperature - 33°C

Air Temperature - 30°C

Ventilation Rate 1.5m³/s



ESG - The Leading Pool Ventilation Specialist

ESG designs and builds pool ventilation systems, completing over 100 in the last 5 years.

An independent specialist since 1979, ESG aims to provide all its customers throughout the UK with best conditions, quality products and a complete system.



- Design to meet individual customers requirements
- Provide systems for all types and sizes of pool
- Deliver lowest running cost and long life
- Embrace new technologies, to improve products

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