



Case Study

Leisure Centre, Surbiton Spinning Room ventilation system

A high density bike spinning room required ventilation and cooling, with the brief that every bike to have air blown across it.

An extract system with recirculation facility required for economical operation, and manual control for the instructor so that the system only used during classes. AHS Specialist Services designed a system that would provide instantaneous airflow with cooling, and a simple control system with set point at 20.0 C and +/- 2.0 C operating band.

The installation included an AHS AHU with 27.0kW DX cooling, supply and extract energy efficient plug fans, three way mixing box, and matching inverter driven condensing unit.

AHS Specialist Services provided pre-painted and pre-insulated light weight ductwork and grilles, plus all the refrigerant and electrical works. ON completion of installation AHS Specialist Services balanced and commissioned the system and demonstrated operation to the staff.

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