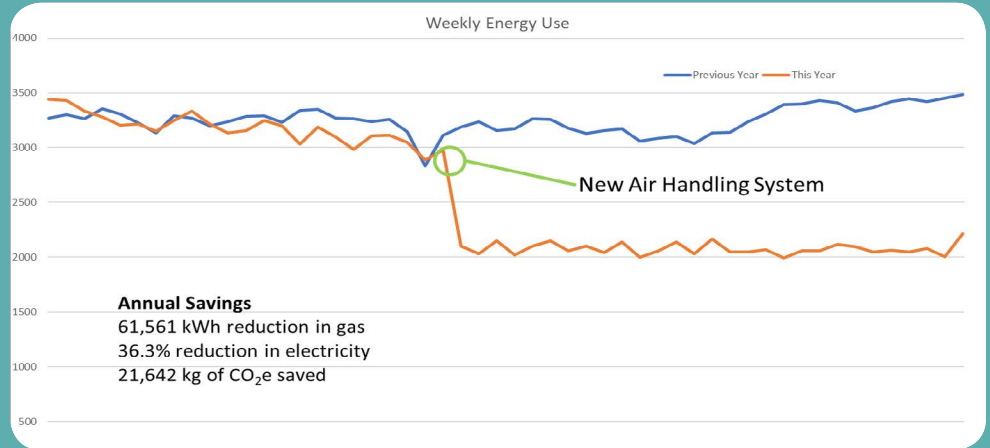
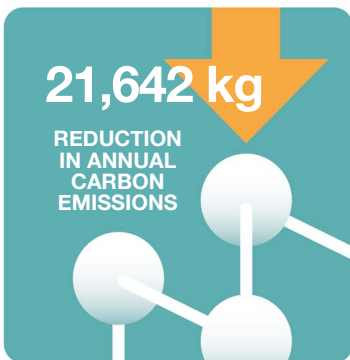
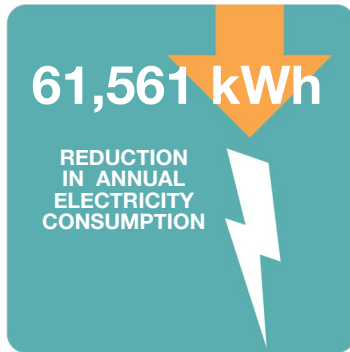


Bakewell Swimming Pool Freedom Leisure - Derbyshire Dales



Air Handling Unit Installation Case Study

Working with Leisure Energy, Freedom Leisure in partnership with Derbyshire Dales District Council, have reduced their electricity consumption through installing a replacement air handling unit at Bakewell Swimming Pool by **£8,000 year** at current costs.

Facilities

- 20m Main Pool
- Changing Rooms
- Gym
- Associated Office Space

Project details

Leisure Energy examined the baseline utilities consumption at the leisure facility and identified several energy conservation measures which would provide energy savings over the life of the contract. These were:

- replacement air handling unit
- pool hall high efficiency lighting

The installation of a replacement air handling unit was due to a malfunctioning existing unit which was beyond economical repair. The new unit was not simply a like-for-like replacement but a high efficiency model which has redressed the balance of cooled/heated air to serve the swimming pool and heating systems. Upon completion of the project, immediate results from the installation were being realised in reduction of electricity usage.

Electricity Savings P/A			
£/PA	kWh	CO ₂ e	Payback Period
8,000	61,561	21,642	6.1 years