

Read the case study...

Air Con vs Evap Cooling: The Savings

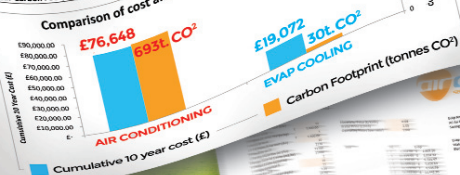


Site: Fun Valley, Leicester
Location: Play Area
Date:

	Air Conditioning	Evaporative Cooling	Variance
Number Of Units	11	2	28,688.00
Overall Electrical Input (kW)	44	5	2,897.64
Total Capital Required	£41,800.00	£13,200.00	£28,600.00
Annual Operating Cost	£3,484.80	£587.16	£2,897.64
Total Annual Cost	£45,284.80	£13,787.16	£31,497.64
Payback Period Based On Savings (years)		30	2.3

10 year Carbon Footprint (tonnes CO₂)

Comparison of cost and environmental impact



and think savings

Simply choosing evaporative cooling instead of air conditioning will save Fun Valley up to **£57,000** and **663 tonnes of CO₂** over ten years



Putting the cool back into Fun Valley

The Challenge

Fun Valley was not a cool place. In fact its problem was that it was just too hot. Soaring temperatures in the family entertainment arena and cafe were one issue, the stuffy atmosphere and lingering odours were another.

Our brief was simple - Fun Valley needed a HVAC solution for its 726 m² venue. One that would make it a cool and comfortable place to be. It needed oodles of fresh, filtered air, and it needed it quick.

The Solution

Simple! Two Cool Breeze QAD230 evaporative coolers paired with a couple of roof-mounted extract units. Each serving an area of 360m² and with the ability to reduce summer highs by up to 16°C. And ventilation? This is ensured by the continual flow of naturally cooled, fresh air that is introduced and circulated around the building. Hot, contaminated, stale air is expelled through the roof vents.

All installed in just three working days, or rather early mornings and evenings, in order that our clients could operate their business without disruption at a busy time of year.

The Result

We'll let Fun Valley answer that one...

**Fantastic!
What a difference!**

We're already reaping the rewards. Air Ability went all out for us, working quickly and efficiently, and always around the needs of our business. A big thanks and recommendation from all of us.

Siddika Mohamed
Director, Fun Valley Ltd



Fun Valley
case study
evaporative cooling