

Helping hotels stay sustainable

We helped a large UK hotel chain increase the efficiency of their heatpumps by 22%, with a payback period under 3 years and no compromise to occupant comfort.

Keeping costs down

In the face of increasing utility rates, the client needed a solution that could quickly reduce operating expenses without requiring costly equipment or installation all while maintaining the level of comfort expected by their guests.

Building on what you already own

Our retrofit technology works exceptionally well on heat pumps by intelligently optimising the compressor cycle, so when we learned our client had extensively implemented heat pumps we knew we could be a great help to their goals of reducing operating costs with minimal capital expenditure.

Walk before you run

As a proof of concept, we installed our technology at one location and demonstrated the effectiveness by turning on our technology for one month and turning it off for the next month. We used Panoramic Power by Centrica Business Solutions to metre the power consumed at the device-level.

The results

By comparing the data from month to month we were able to observe a 22% reduction in energy consumption at this test location. This data allows us to project an estimated yearly saving of ~37,000kWh and a payback period of 3 years.

We have gone on to install Smartcool at 5 more locations, and continue to roll out at many more locations.

£ 86,181

annual savings across 6 locations

32.4

month payback period

37%

return on investment

Why choose Smartcool?

Reduce operating costs while enjoying the benefits of instant savings, quick installation, and little to no downtime.

Make your heat pumps, air conditioning, or refrigeration systems 20% more efficient with minimal capital expenditure and rapid return on investment. Our solutions are custom designed for you.