



Coral Betting Office

Self Cleaning Roundflow Cassette is the bookies favourite

Daikin's round flow cassette continues to save after 5 years'

49% less than the standard system's £541. (based on 6.9p/kWh).

**50%
energy
savings
per
annum**

Daikin's self-cleaning Roundflow Cassette – the clear winner in a year-long trial at a busy Wolverhampton betting office – continues to outpace its standard counterpart on running cost savings.

The results meant that the additional cost of the self-cleaning filter in 2010 was paid back in less than six months. And over the full year, the self-cleaning Roundflow Cassette's greater efficiency also translated to a saving of two tonnes of carbon dioxide.

As a result, the self-cleaning Roundflow Cassette is the current favourite for Gala Coral's ongoing shop refurbishment programme and new premises fit-outs – with about 300 of its more than 1,800 shops now operating them in Daikin Split systems.

Now, five years after the comparison began, both systems are still individually monitored – and the meters show that the self-cleaning Roundflow Cassette remains nearly 50% more energy efficient.

With up to 94 hours' trading each week, there is heavy demand on the shops' air conditioning systems for heating and cooling – and good reason to look for operating cost savings.

Gala Coral project manager Mick Hill says: "With more than 1,800 shops across the UK, we are looking to reduce energy consumption wherever possible.

The first 12.5kW self-cleaning Roundflow Cassette was installed in the Princes Street, Wolverhampton, shop in July 2010, to run alongside a standard cassette of the same capacity – but without the self-cleaning function. After 12 months, running costs of the self-cleaning model were assessed at £272. – or

**£269 saved in 1st year
£1,345 saved over 5 years**

“Results of the Wolverhampton trial speak for themselves – and the ongoing success supports our decision to use the self-cleaning Roundflow Cassettes wherever possible in all our new premises and as part of our ongoing programme of facilities improvement.”

The refurbishment programme includes replacing old R22 systems, especially in shops that have been acquired and rebranded.

Mick Hill says: “We have enjoyed an excellent partnership with Daikin UK for more than five years and when the self-cleaning cassettes were proposed, we were happy to trial them. Energy saving initiatives like this are typical of the service we get from Daikin UK.”

Since the Princes Street trial began, the Dakin systems have been serviced routinely. The self-cleaning Roundflow Cassette has consistently outshone its counterpart: there is no dust

accumulation to impede airflow and reduce overall efficiency – and no messy dust deposits on the surrounding ceiling.

The self-cleaning filter is a Daikin industry-first that comes as an option with new cassettes. It may also be retrofitted – but efficiency and cost saving benefits may be less apparent if the cassette has been operating for some time.

The filter rotates 360° once a day – at a time programmed with the remote controller. Dust brushed from the filter is sucked into a storage chamber, using the cassette’s normal airflow. A warning light shows when the chamber needs emptying – usually once or twice a year – with a special extension for a standard vacuum cleaner.

The self-cleaning facility is available for High COP and compact Roundflow Cassettes in all Sky Air and VRV applications requiring a 360° air discharge for optimal comfort.



Picture above: Coral betting office standard cassette after 12 months use



Picture above: Coral betting office self-cleaning cassette after 12 months use