



BYCQ140DG / BYCQ140DGF

Self-Cleaning Decoration Panels



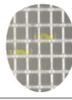
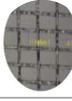
Self-Cleaning decoration panels make life easier. Maintenance is simplified by removing the need to climb up to open a roundflow cassette in order to clean it. With its unique self-cleaning mechanism, you can ensure consistently high system efficiency, all year round.

Benefits:

- > Energy saving up to 50%
- > Save on maintenance bills as filters do not need to be removed
- > Simple removal of dust from by a vacuum cleaner from floor level
- > Keep the cassette and surrounding area looking clean
- > Easy to empty the dust without having to use ladders or cover the shop floor, saving time



FXFQ20-63A

| Self-cleaning filter type | Filter mesh size | Environment | Application |
|----------------------------|---|---|----------------------------------|
| Fine filter BYCQ140DGF | 378µm x 369µm  | Fine dust / lint | Clothing retail Carpet retail |
| Normal filter BYCQ140DG | 442µm x 619µm  | Standard dust areas and/or higher humidity or lightly greasy environments | Non-clothes retail office |

The self-cleaning panels are for use with FCQG-F, FCQHG-F (SkyAir) and FXFQ-A (VRV) cassette models. When using the Self-Cleaning panel it will increase the height of the overall unit by 80mm

| Split / SkyAir | FCQG | | |
|--|---------|-----------|----------|
| | FCQG | FCQGH | FCQGH |
| Capacity range | 35 - 71 | 100 - 140 | 71 - 140 |
| Unit height | mm 204 | 246 | 288 |
| Ceiling depth with Self-cleaning panel | mm 284 | 326 | 368 |
| VRV | | FXFQ | |
| Capacity range | 20 - 63 | 100 | 125 |
| Unit height | mm 204 | 246 | 288 |
| Ceiling depth with Self-cleaning panel | mm 284 | 326 | 368 |

Coral Betting Office



50% energy savings per annum

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

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.

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.

Key points:

- > Originally set up in 2010
- > Revisited in 2015
- > Meters still in place
- > Still saving money at the same rate per annum

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.

“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.

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