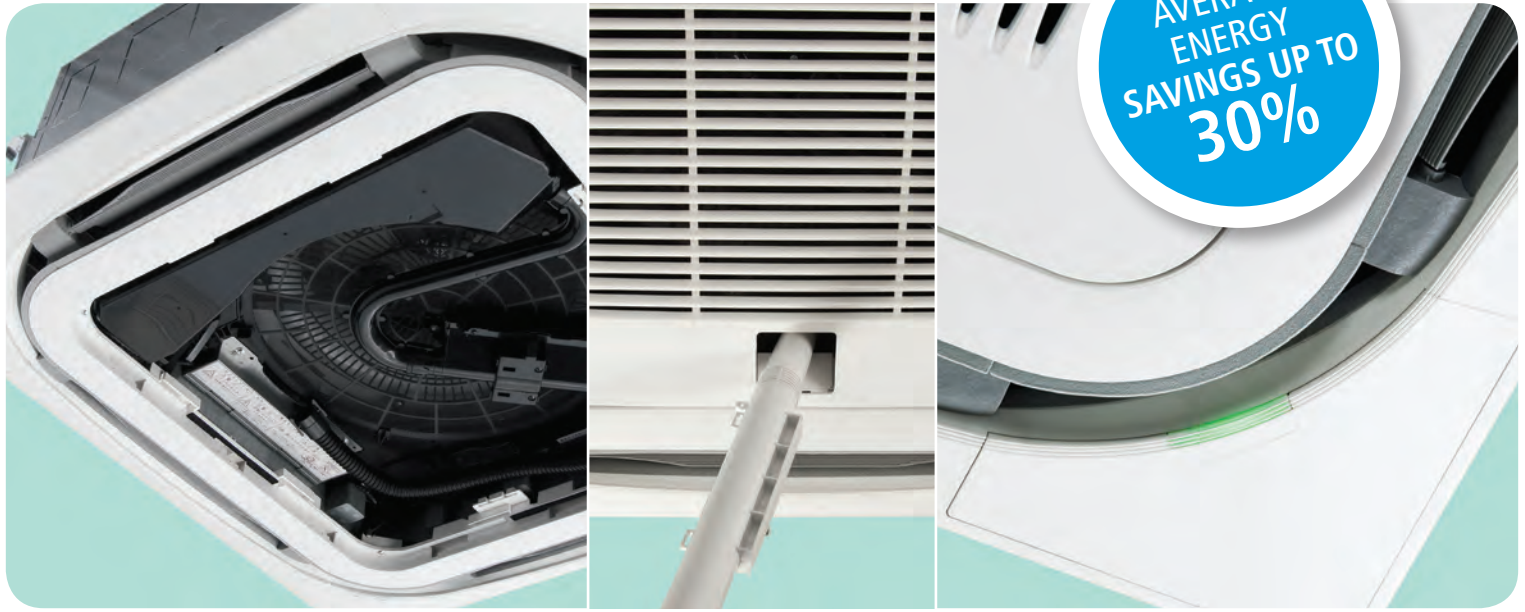


# Self-cleaning Roundflow Cassette Panel

For VRV®, Sky Air and CMS



Daikin UK's unique auto filter cleaning decoration panel is an innovative product that can have a remarkable impact on reducing lifetime costs of Air Conditioning systems. The panel is available for the roundflow cassette of VRV®, Sky Air and CMS systems.

Dust accumulated in the filter during the indoor unit operation increases energy consumption and reduces airflow distribution due to falling efficiency. Thanks to this new solution, Daikin offers reduced running and maintenance costs, as well as providing consistent and uniform airflow distribution for total end user comfort.

## THE CONCEPT

The new auto cleaning decoration panel is equipped with a special rounded filter, which automatically cleans itself once a day. The dust coming from this filter is stored in the indoor unit and can be removed with a normal vacuum cleaner.

## SELF-CLEANING BENEFITS

- ✓ Maintenance time and costs severely reduced
- ✓ Lower energy consumption: up to 30% energy savings
- ✓ Constant optimal airflow distribution. A build up of dust in the filter can decrease the airflow by 65%
- ✓ Increased customers comfort
- ✓ No manual cleaning of the filter required, only a standard vacuum cleaner is needed
- ✓ No rearrangement of shop interior to access the unit because the filter does not need to be taken out to cleaned
- ✓ Reduced requirement for special access equipment

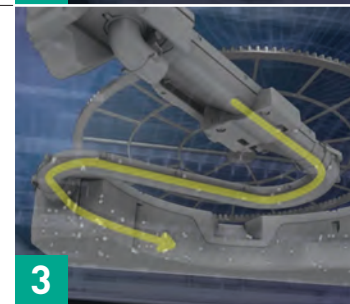
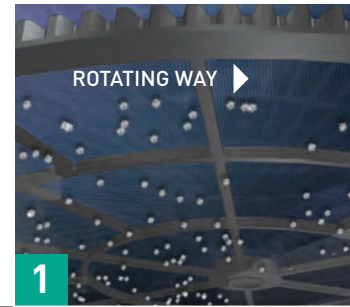
## SELF-CLEANING PROCESS 5 EASY STEPS

### 1. ABSORPTION – The Filter

Once a day the rounded filter turns 360° to pass the special brush. Cleaning timing can be programmed with the wired remote controller BRC1E51A.



BRC1E51A



### 2. SEPARATION – The Brush

The brush removes the dust from the rotating filter. By turning the brush under another angle the dust is released from the brush.

### 3. COLLECTION – The Dust Box

The caught dust is sent to the dust box by using the airflow of the indoor fan. Dust box capacity depends on the specific application and on annual operation hours. On average it can contain the dust of 1 year for office applications and of 1/2 year for shop applications.

### 4. ALERT – The LED

A LED in the corner of the panel indicates the status of the unit:

- **Green LED\*:** unit operating
- **Green LED\* blinking:** auto cleaning operation in progress
- **Red LED:** dust box is full and needs to be emptied

### 5. REMOTION – The Vacuum Cleaner

A special accessory (delivered with the panel) is connected to a standard vacuum cleaner and once inserted into the dust box through a small port in the panel grille, it can easily remove all the stored dust.

**...THE JOB IS DONE!**

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Daikin units comply with the European regulations that guarantee the safety of the product.

Daikin Europe N.V. participates in the Eurovent Certification Programme for Air Conditioners (AC), Liquid Chilling Packages (LCP) and Fan Coil Units (FC); the certified data of certified models are listed in the Eurovent Directory. Multi units are Eurovent certified for combinations up to 2 indoor units.

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