



# UV Streamer Kit for round flow cassettes



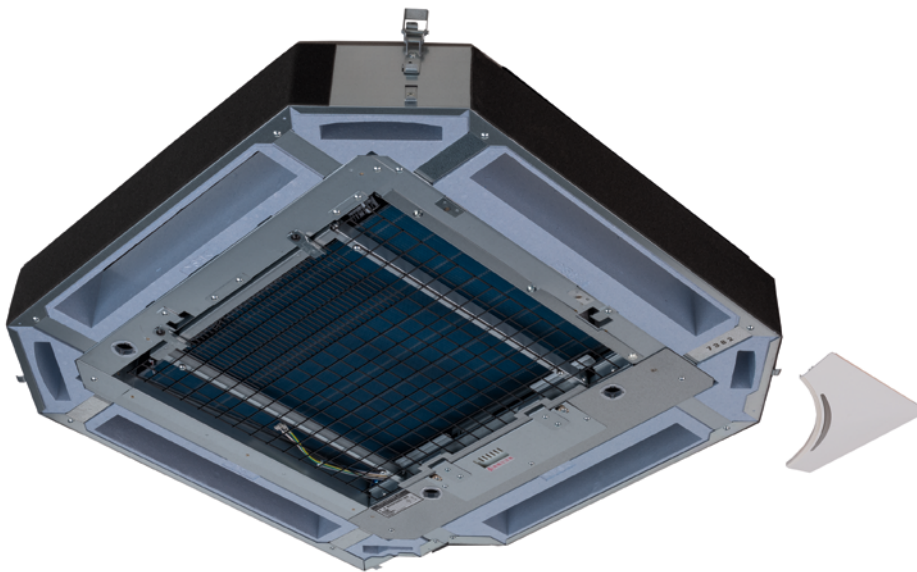
Removes pollutants from the air, ensuring a clean and healthy indoor environment.

- Unique Catch & Clean approach with ePM1 60% filter, UV-C light and Streamer technology
- Can be retrofitted in existing round flow cassette units

# Pure air because we care

We spend **90%** of our time indoors.  
However, indoor air is two to five times more polluted than the air outside.

Long-term exposure to indoor pollution can have lasting effects. Take action now!



BAEF125AWB

## Our UV Streamer Kit provides the perfect solution:

- It purifies the air by removing pollutants such as viruses, bacteria, fine dust (PM1), odours and allergens, ensuring a healthy and hygienic indoor environment
- Unique Catch & Clean approach includes an ISO ePM1 60% (F7) filter, UV-C light and Streamer technology
- Thanks to the high airflow rate of the round flow cassette, clean air is efficiently distributed to every corner of your space
- Can be retrofitted into existing installations
- Can be used with BYCQ140E and BYCQ140EW decoration panels

# 99.9%

of viruses removed in 30 minutes,  
thanks to Daikin's unique

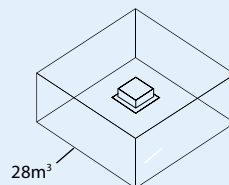
## Catch & Clean approach

### Tested at Intertek

Test results from Intertek laboratories, conducted in a 28m<sup>3</sup> room, show that Daikin's round flow cassette (FXFQ125B) removes over 99.9% of enveloped viruses, including coronaviruses.

\* Additional details regarding this function can be found in the unit technical manual.

Tested in a  
full-sized room



View full  
test report:



# Daikin's unique Catch & Clean approach includes an ISO ePM1 60% filter, UV-C light and Streamer technology

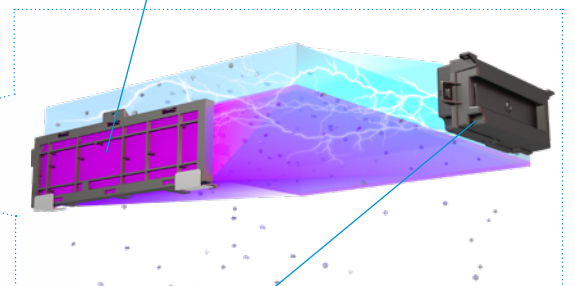
## 1 Effective capturing of airborne pollutants

- Highly efficient at trapping particulate matter and pollutants with the ISO ePM1 60% (F7) filter
- Features an antibacterial and antiviral coating for enhanced protection

## 2 Effective cleaning and decomposition of pollutants

Our unique combined UV-C light and Streamer technology sanitise both the surface and interior of the filter, ensuring consistently hygienic air.

UV-C LED light with a high output 265nm wavelength, the most effective range for surface cleaning and inactivating bacteria and viruses.



**Streamer technology** for deep sanitising of the filter and powerful decomposition of viruses and bacteria trapped inside the filter.

## Indicator light

Indicates operation, malfunction or replacement status



## Specifications

		<b>BAEF125AWB</b>
Power Supply		1P, 220-240V, 50/60 Hz
Dimensions HxWxD	mm	100 x 840 x 840
Weight	kg	12
Compatible decoration panels		BYCQ140E/BYCQ140EW * (UV-streamer kit cannot be used with other filters, chambers, fresh air intake kits or air discharge outlet sealing member kit)
Filter efficiency		ePM1 60% @ISO16890 (F7)
Replacement interval		Pleated filter (BAF55A125): every year Flash streamer device: every 7 years UV-C LED: every 7 years

\* For compatibility with older panels, consult your local sales representative

## UV Streamer filter test specifications

Treatment tools	Test Organisation	Classifications	Test Standard and Method	Report Number	Efficiency	Sample Quantity	Contacting Time (hours)	Test Virus suspension
UV Streamer Kit	Phi-X174 (non enveloped virus)	Virus	Non-standardised Test Method: Microbial Reduction Rate Test	102105182COL-001	99.9%	-	0.5	8x10 <sup>9</sup> PFU
Ionpure IPI Filter	Staphylococcus aureus	Bacteria	GB 21551.2-2010	2021FM05648R01	99.98%	1m <sup>3</sup>	24	-
Ionpure IPI Filter	Escherichia coli	Bacteria	GB 21551.2-2010	2021FM05648R01	99.99%	1m <sup>3</sup>	24	-
Ionpure IPI Filter	Aspergillus niger	Fungus	JIS Z 2911:2018	2022FM07084R01	Anti-mildew grade 0 (1)	1m <sup>3</sup>	-	-
Ionpure IPI Filter	Penicillium pinophilum	Fungus	JIS Z 2911:2018	2022FM07084R01	Anti-mildew grade 0 (1)	1m <sup>3</sup>	-	-
Ionpure IPI Filter	Trichoderma viridé	Fungus	JIS Z 2911:2018	2022FM07084R01	Anti-mildew grade 0 (1)	1m <sup>3</sup>	-	-
Ionpure IPI Filter	Chaetomium globosum	Fungus	JIS Z 2911:2018	2022FM07084R01	Anti-mildew grade 0 (1)	1m <sup>3</sup>	-	-
Ionpure IPI Filter	Paecilomyces variotiv	Mold	JIS Z 2911:2018	2022FM07084R01	Anti-mildew grade 0 (1)	1m <sup>3</sup>	-	-
Ionpure IPI Filter	Infectious bronchitis virus	Virus	ISO 18184:2014(E)	2020FM26047R01	99.99%	1m <sup>3</sup>	2	-
Ionpure IPI Filter	SARS-CoV-2	Virus	JIS L 1922	21KB-080395-2(1/5)	99.92%	-	8	2.2x10 <sup>7</sup> PFU
Ionpure IPI Filter	H1N1	Virus	ISO 18184:2014(E)	2020FM2434R01	99.94%	1m <sup>3</sup>	2	-

(1) Anti mildew grade 0: no fungal growth was seen visually and with the microscope.

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