



Air conditioning indoor unit filters

Air conditioning indoor unit standard and optional filters

Daikin filters are built to the highest standard to deliver the required air quality within the indoor environment. The Biocidal Product Regulation (BPR528/2012) requires specific testing for the range of pollutants a filter is designed to prevent. Daikin filters utilise a range of technologies:

Filter technology	Approved description
Flash streamer	Using electrons to trigger chemical reactions with air borne particles, the flash streamer breaks down allergens such as pollen and fungal allergens and removes odours providing a better, cleaner air
Titanium apatite deodorising filter	Decomposes odours from sources such as tobacco and pets
Silver allergen removal and air purifying filter	Silver allergen removal and air purifying filter captures allergens such as pollen to ensure a steady supply of clean air
Air Filter	Removes airborne dust particles to ensure a steady stream of clean air
Catachin filter	Removes airborne dust particles to ensure a steady stream of clean air
Self cleaning filter	The air filter removes airborne dust particles from the air while the integrated brush regularly and automatically cleans the filter to ensure a steady supply of clean air
Deodorising filter	Decomposes odours and ensures a steady supply of clean air



Auto cleaning filter



Flash streamer



Titanium apatite deodorising filter



Silver allergen removal and air purifying filter



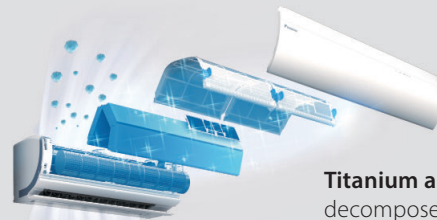
Air filter

Look out for the filter symbols on product data sheets and in catalogues



Flash Streamer*: using electrons to trigger chemical reactions with air borne particles, the Flash Streamer breaks down allergens such as pollen and fungal allergens and removes bothersome odours providing a better, cleaner air.

* The Flash Streamer technology is not meant to be used for medical purposes



Titanium apatite deodorising filter: decomposes bothersome odours of for example tobacco and pets

Fan coil filter description

The type of filter used in each indoor unit is given below:

Commercial filter name	W/S FTXC-B	Low inverter FTXP-M	Standard inverter (Mini Sky wall) FTXM-N	Emura FTXJ-M	Stylish FTXA-A/B CTXA-A/B	Urura Sarara FTXZ-N	Floor FVXM-F	Sky Air FXMQ-MB	AutoCleaning Decoration panel for roundflow cassette	all other fan coils
Optional extra - capacity data pending								equivalent F8		
Optional extra – no capacity impact									equivalent G3	
Standard accessory										equivalent G1
Flash streamer			•		•	•				
Titanium apatite deodorising filter	•	•	•	•	•					
Silver allergen removal and air purifying filter		•		•	•					
Air Filter		•	•	•	•	•	•			
Catachin filter	•									
Self cleaning filter						•				
Deodorising filter						•	•			

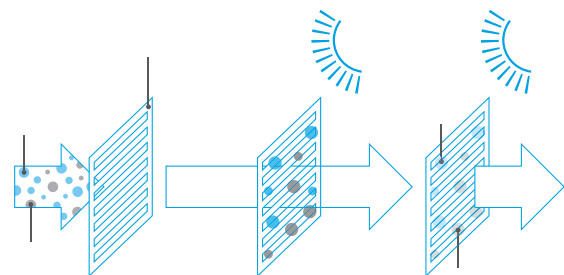
Options for Sky Air and other fan coils

The new filter standard defines the size of particles the filter can capture and the efficiency with which it does this. A filter must achieve 50% efficiency to qualify for the filter class. The particle size is defined as a maximum level and the size is denoted in µm.

EN 779 2012	EN ISO 16890			
Filter class	Course	ePM10	ePM2,5	ePM1
G1	---	---	---	---
G2	30% - 50%	---	---	---
G3	45% - 65%	---	---	---
G4	60% - 85%	---	---	---
M5	80% - 95%	40% - 70%	10% - 45%	5% - 35%
M6	> 90%	60% - 80%	20% - 50%	10% - 40%
F7	> 95%	80% - 90%	65% - 75%	40% - 65%
F8	> 95%	90% - 100%	75% - 95%	65% - 90%
F9	> 95%	90% - 100%	85% - 95%	80% - 90%

The Biocidal Product Regulation (BPR528/2012) came into force on 01/09/2016. BPR is a European legislation concerning the use of biocidal products and aims to ensure there are no negative consequences for the health and the environment .

The testing and descriptions used must meet the requirements of these regulations.



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