

APPLICABLE MODEL

Floor Standing Type



Appearance Image

Series	Air Conditioner (Model)	POWDER GUARD		OIL MIST		Filter size (mm) (Quantity Per Box)
		Chamber + Flange	Powder Guard Filter	Chamber + Flange	Oil Mist Guard Filter	
FXVQ	FXVQ125NY1	RCDFXV125N	PGF-140-H	RCOFXV125N	OGF-140-L	577 x 627 x 125 (1pc)
	FXVQ200NY1	RCDFXV200N	PGF-224-H	RCOFXV200N	OGF-224-L	577 x 411 x 125 (2pcs)
	FXVQ250NY1	RCDFXV250N	PGF-280-H	RCOFXV250N	OGF-280-L	577 x 521 x 125 (2pcs)
	FXVQ400NY1	RCDFXV400N	PGF-450-H	RCOFXV400N	OGF-450-L	403 x 516 x 125 (4pcs)
	FXVQ500NY1	RCDFXV500N	PGF-560-H	RCOFXV500N	OGF-560-L	403 x 666 x 125 (4pcs)
FVGR	FXVQ500NY16	RCDFXV500N	PGF-560-H	RCOFXV500N	OGF-560-L	403 x 666 x 125 (4pcs)
	FVGR08NV1	RCDFV08N	PGF-224-H	RCOFV08N	OGF-224-L	577 x 411 x 125 (2pcs)
	FVGR200QV1	RCDFV10Q	PGF-280-H	RCOFV10Q	OGF-280-L	577 x 521 x 125 (2pcs)
	FVGR250QV1					
	FVGR08QV2S					
	FVGR10QV2S					
FVPR	FVPR250QY1	RCDFV10Q	PGF-280-H	RCOFV10Q	OGF-280-L	577 x 521 x 125 (2pcs)
	FVPR10QY2S					
	FVPR300QY1	RCDFV16Q	PGF-560-H	RCOFV16Q	OGF-560-L	403 x 666 x 125 (4pcs)
	FVPR400QY1					
	FVPR12QY2S					
	FVPR16QY2S					
	FVPR450QY1	RCDFV20Q	PGF-450-H	RCOFV20Q	OGF-450-L	403 x 516 x 125 (6pcs)
	FVPR500QY1					
	FVPR18QY2S					
	FVPR20QY2S					
FVPR	FVPR20NY1	RCDFV20N	PGF-560-H	RCOFV20N	OGF-560-L	403 x 666 x 125 (4pcs)

Duct Type



Appearance Image

Series	Air Conditioner (Model)	POWDER GUARD		OIL MIST		Filter size (mm) (Quantity Per Box)
		Chamber + Flange	Powder Guard Filter	Chamber + Flange	Oil Mist Guard Filter	
FDR	FDR200QY1	RCDFD10Q	PGF-4031182-H	RCOFD10Q	OGF-4031182-L	403 x 516 x 125 (1pc) 403 x 666 x 125 (1pc)
	FDR250QY1					
	FDR08QY2S					
	FDR10QY2S					
	FDR300QY1	RCDFD16Q	PGF-5770627-H	RCOFD16Q	OGF-5770627-L	577 x 627 x 125 (3pcs)
	FDR400QY1					
	FDR12QY2S					
	FDR16QY2S					
	FDR450QY1	RCDFD20Q	PGF-5770521-H	RCOFD20Q	OGF-5770521-L	577 x 521 x 125 (4pcs)
	FDR500QY1					
	FDR18QY2S					
	FDR20QY2S					
FXSQ	FXSQ50PAVS	RCDFXS80P	PGF-2570463-H	RCOFXS80P	OGF-2570463-L	257 x 463 x 125 (2pcs)
	FXSQ50PV2S					
	FXSQ63PAVS					
	FXSQ63PV2S					
	FXSQ80PAVS	RCDFXS140P	PGF-2570463-H	RCOFXS140P	OGF-2570463-L	257 x 463 x 125 (3pcs)
	FXSQ80PV2S					
	FXSQ100PV2S					
	FXSQ125PAVS					
	FXSQ125PV2S					
	FXSQ140PAVS					
FXSQ140PV2S						
FBA	FBA71BVMA	RCDFBA71B	PGF-2570463-H	RCOFBA71B	OGF-2570463-L	257 x 463 x 125 (2pcs)
	FBA100BVMA	RCDFBA140B		RCOFBA140B		257 x 463 x 125 (3pcs)
	FBA125BVMA					
	FBA140BVMA					
FBQ	FBQ140EVE	RCDFBQ140E	PGF-2570463-H	RCOFBQ140E	OGF-2570463-L	257 x 463 x 125 (3pcs)
FXMQ	FXMQ250MFV1	RCDFXM250MF	PGF-4031182-H	RCOFXM250MF	OGF-4031182-L	403 x 516 x 125 (1pc) 403 x 666 x 125 (1pc)
	FXMQ250MVES	RCDFXM250M		RCOFXM250M		

*Chamber and filter are applicable to only DAIKIN make.

*The necessary number of filter changes depending on the model.

*The model name of Chamber + Flange may change depending on the country.

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<https://www.nipponmuki.co.jp/en.html>

*This catalog is subject to change without any prior notice



• Inquiry about Products

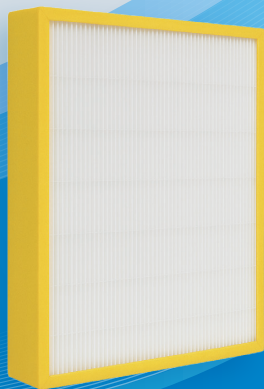
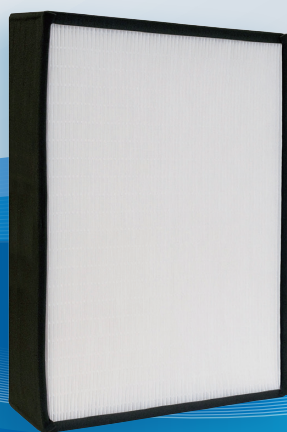
Protect DAIKIN Air Conditioners

Powder Guard Filter Oil Mist Guard Filter

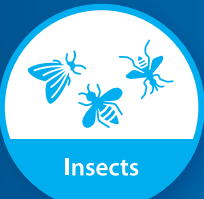


Powder
Guard Filter

Oil Mist
Guard Filter



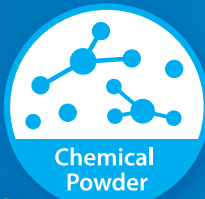
Food
Powder



Insects



Oil Mist



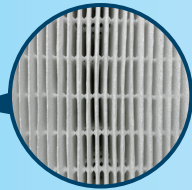
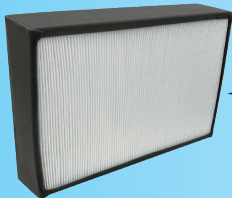
Chemical
Powder



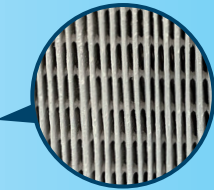
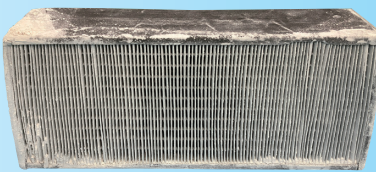
Metal
Powder



Before Use



After Use



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AAF
INTERNATIONAL
a member of **DAIKIN** group

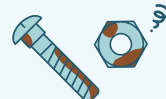
Issues with Air Conditioner Clogging from Powder and Oil Mist ?



Drop in performance



Frequent maintenance



Components Corrosion, Deterioration



Causes Compressor Failure



**Powder Guard Filter
Oil Mist Guard Filter
are necessary to**

Protect Air Conditioners!!



Coarse filter is not enough grade to catch the tiny powder and oil mist.

What makes these filters special ?

These filters catch **NOT ONLY** visible dust and insects, but **invisible airborne particles** and **oil mist** in the air. You can expect **Air Quality Improvement** in the factory.

FEATURES

1 Specially Structured Filter Media

Special Structure with approximately **30% increased** Filter Media Area

(compared to our standard HVAC compact (box) filter)



This structure achieves **Low Pressure Drop**
Longer Lifetime

2 It enables EASIER REPLACEMENT of filter

Any tool is not necessary to replace filters.

Patented ^{*1}

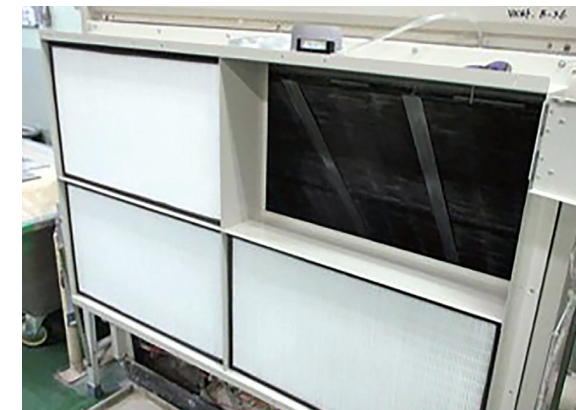
! Replace at least once a year

Even though the pressure drop doesn't increase, please replace filters at least once a year. The filter will be deteriorated in high oil and powder concentration. It causes higher energy consumption and longer operating time, and it leads to increased cost and potential malfunction.

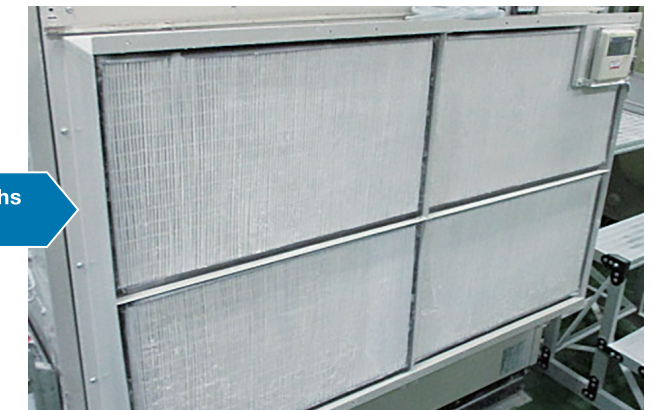
*1: In Japan: JP7393198

BENEFIT

Case 1. Powder Guard Filter (Food Factory / Flour)



Model: FVYCP560M



2 months Later

So much powder on Filter surface!

Customer Review

- ▶ It was good to save much **"MAN-HOUR COST for Cleaning"** during the field test.
- ▶ The **PERFORMANCE of Air Conditioner was the same** as when we have cleaned it once a week.



Before Installation



After 2-month test



Almost No Powder inside the unit!

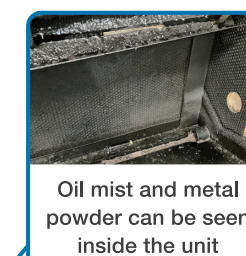
Precaution)

The above results do not guarantee the capture of all types of powder. In environments with an extremely high powder concentration or when the powder particles are very fine, the filter lifetime may be shortened and powder may adhere to the inside of the air conditioner.

Case 2. Oil Mist Guard Filter (Metal Processing Factory / Oil Mist)



Model: FVYCP450M



Oil mist and metal powder can be seen inside the unit



RISK of CORROSION by Oil Mist



Installation Image



7 months Later

Almost No Oil Mist & Metal Powder inside the unit!

* Visual Check

Precaution)

The above results do not guarantee the capture of all oil mist. Depending on the type of oil and in environments with extremely high oil mist concentrations, the filter lifetime may be shortened and oil may adhere to the inside of the air conditioner.