

The FPR is a Vcells Filter type. Especially designed to remove fine dust, smoke and bacteria.

The FPR is suitable for air conditioning installations. It can be used as a final or a pre filter in clean rooms. Its replacement is easy when it is clogged.

The FPR has a molded plastic frame. This frame is a fire retardant frame.

The filters are manufactured, tested and packed in a controlled environment. A sticker with the test results and the serial number of the filter is attached to the filter.

Vcells Filter: FPR

“FPR” Filter – Performances

- The FPR can be used in positive or negative pressure.
- The mini-pleat technology extended the filter surface.
- Normal airflow: Up to 850 CFM.
- Media: fiber glass
- Strong plastic structure/ fully incenerable
- Light weight and easy installation.
- Energy saving (low pressure drop)

Efficiency

The FPR is available in different efficiency rates: 65%, 85%, 95% and 98% on dust spot efficiency: Merv 11, 13, 14, 15 on the ASHRAE standard 52.2 and 96% according to DOP efficiency.

Structure

- Fiber glass moisture resistant
- Frame Header thickness 7/8
- Plastic Frame
- Temp. of utilization 176°F maximum
- Filter depth 1 1/2 inch

Final pressure recommended 2" w.g.

Hotmelt separators

Fiber Glass Media

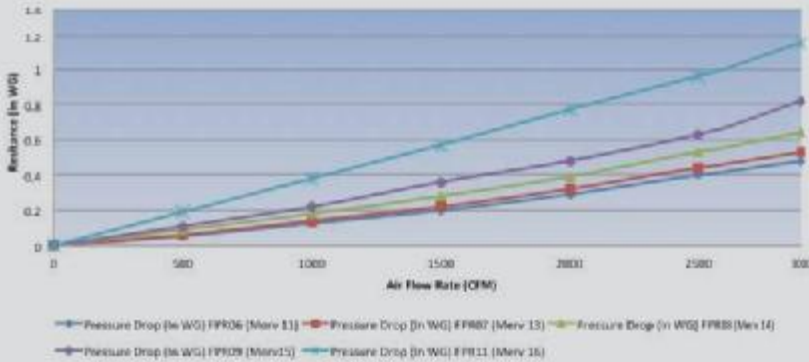
Fire retardant or UL 900 listed model

Technical data

Filter	FPR 06	FPR 07	FPR 08	FPR 09	FPR 11
Dust spot efficiency	65%	85%	95%	98%	
Dop efficiency	-	-	-	-	96%
Filter Class according to ASHRAE 52.2	MERV 11	MERV 13	MERV 14	MERV 15	MERV 16
Max ambient temp	176°F	176°F	176°F	176°F	176°F
Max relative humidity	100%	100%	100%	100%	100%

Data Table

Model	Size code	Efficiency		Filter Size		CFM	Pressure Drop	Weight (Lbs)	Filtration surface (sft)
				Height	Width				
FPR 06	66	65%	MERV 11	24"	24"	2000	.29	12	202
	46	65%	MERV 11	24"	20"	1600	.29	10	156
	36	65%	MERV 11	24"	12"	1000	.29	7	97
FPR 07	66	85%	MERV 13	24"	24"	2000	.32	12	202
	46	85%	MERV 13	24"	20"	1600	.32	10	156
	36	85%	MERV 13	24"	12"	1000	.32	7	97
FPR 08	66	95%	MERV 14	24"	24"	2000	.39	12	202
	46	95%	MERV 14	24"	20"	1600	.39	10	156
	36	95%	MERV 14	24"	12"	1000	.39	7	97
FPR 09	66	98%	MERV 15	24"	24"	2000	.51	12	202
	46	98%	MERV 15	24"	20"	1600	.51	10	156
	36	98%	MERV 15	24"	12"	1000	.51	7	97
FPR 11	66	95% DOP	MERV 16	24"	24"	2000	.77	12	202
	46	95% DOP	MERV 16	24"	20"	1600	.77	10	156
	36	95% DOP	MERV 16	24"	12"	1000	.77	7	97



* ASHRAE Std 52.2-2007 tested. Independent tests reports

FPR reference for order

Efficiency code	ASHRAE 52.2
6	MERV 11
7	MERV 13
8	MERV 14
9	MERV 15
11	MERV 16

Size code	Dimension		
Size code	Height	Width	Depth
3 6	11 3/8	23 3/8	11 1/2
4 6	19 3/8	23 3/8	11 1/2
6 6	23 3/8	23 3/8	11 1/2

Model Code	
UL	UL 900 listed
-	Fire retardant

Filter Code	Efficiency Code	Size Code	Model Code
FPR			