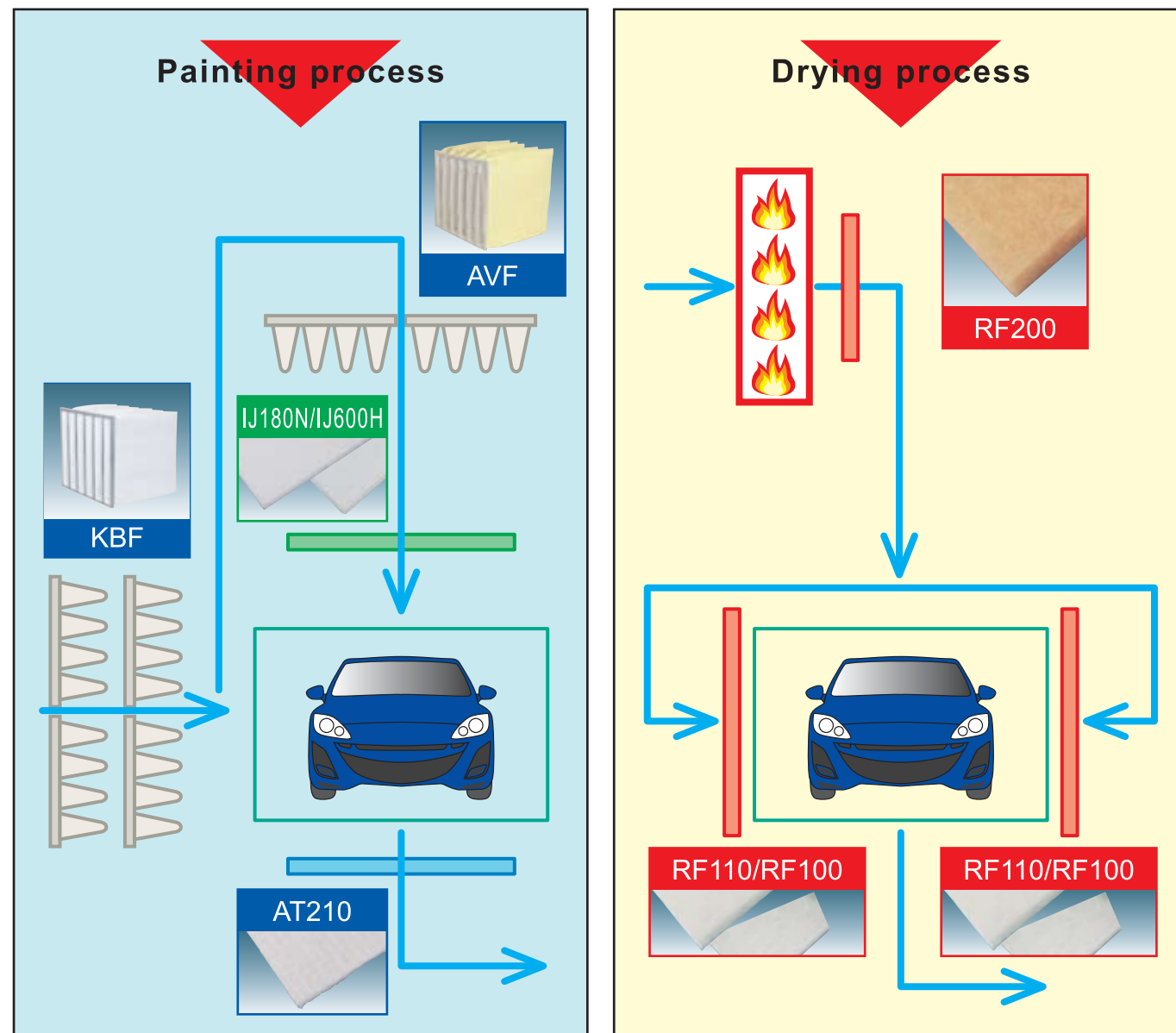


The drawing below shows the usage example of the air filter at the painting process and drying process.



**KANAI Kanai Juyo Kogyo Co.,Ltd.**

**[Nonwoven Fabrics / Air Filters Sales]**

10-5 Higashi Matsushita-Cho Kanda Chiyoda-Ku, Tokyo 101-0042 JAPAN

TEL +81-3-3255-7361

FAX +81-3-3255-7365

<http://www.kanaijuyo.co.jp>

[f-sales@kanaijuyo.co.jp](mailto:f-sales@kanaijuyo.co.jp)

■ The contents of product carried to this catalogue may be changed without a preliminary announcement by improvement of quality etc.

**KANAI Kanai Juyo Kogyo Co.,Ltd.**

# TRAVELON AIR FILTER

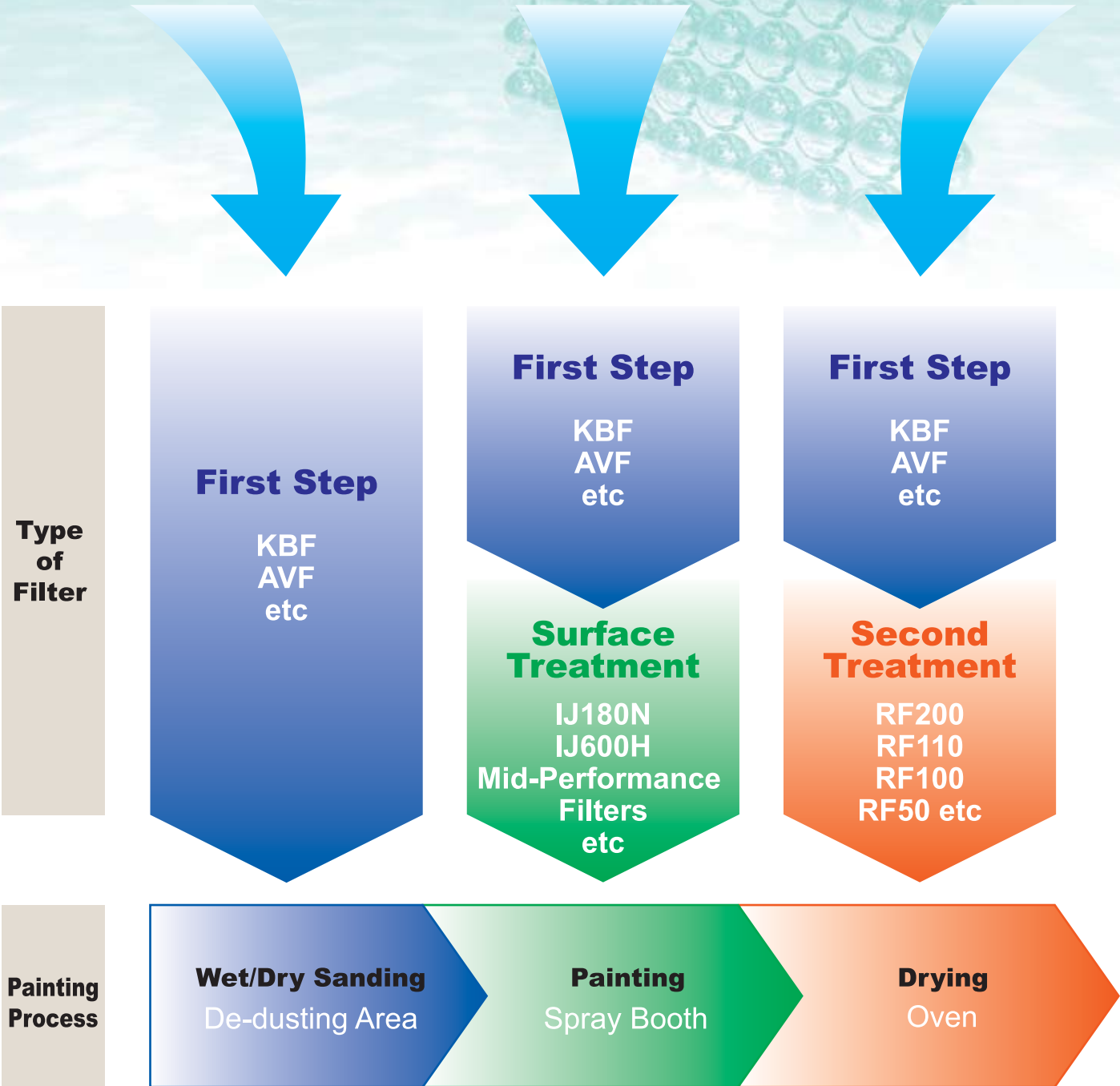
► For Paint Industry



**We will deliver clean air of 21st century.**

# Air Filters for Paint Systems

- STEP-1**  
For Fresh Air Filtration  
KBF/AVF ..... 2・3
- STEP-2**  
For Spray Booth  
IJ180N/IJ600H ..... 4
- STEP-3**  
For Oven  
RF200/RF110/RF100/RF50 ..... 5・6



Suitable process  
Sanding → Painting → Drying

Pre Filters for Fresh Air Filtration

## KBF

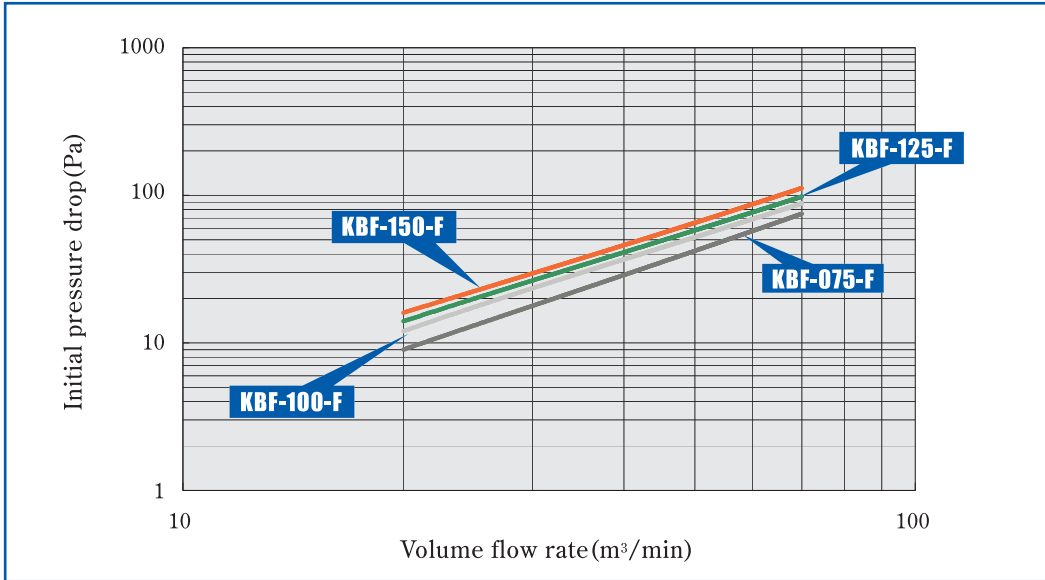


**KBF type** is the pocket filter which has a feature of the low pressure drop and long useful lifetimes. It is suitable for the place where there is needed to secure the high volume of air. The filter media of KBF made from synthetic fiber, and it has superlative durability. The nonwoven separators make the KBF low pressure drop effectively.

Item Article	KBF-075-F	KBF-100-F	KBF-125-F	KBF-150-F
Front frame (mm)*	595×595	595×595	595×595	595×595
Overall depth (mm)*	600	600	600	600
Number of pockets*	6	6	6	6
Material	Polyester	Polyester	Polyester	Polyester
Standard volume flow rate(m³/min)	70	70	70	70
Initial pressure drop (Pa)	75	88	98	112
Filter class	G3	G4	F5	F6
Temperature resistance(°C)	80	80	80	80

\*The above size and number of pockets are standard. The other sizes and number of pockets are available. Please contact us.

### Pressure drop



Suitable process



Pre Filters for Fresh Air Filtration

AVF

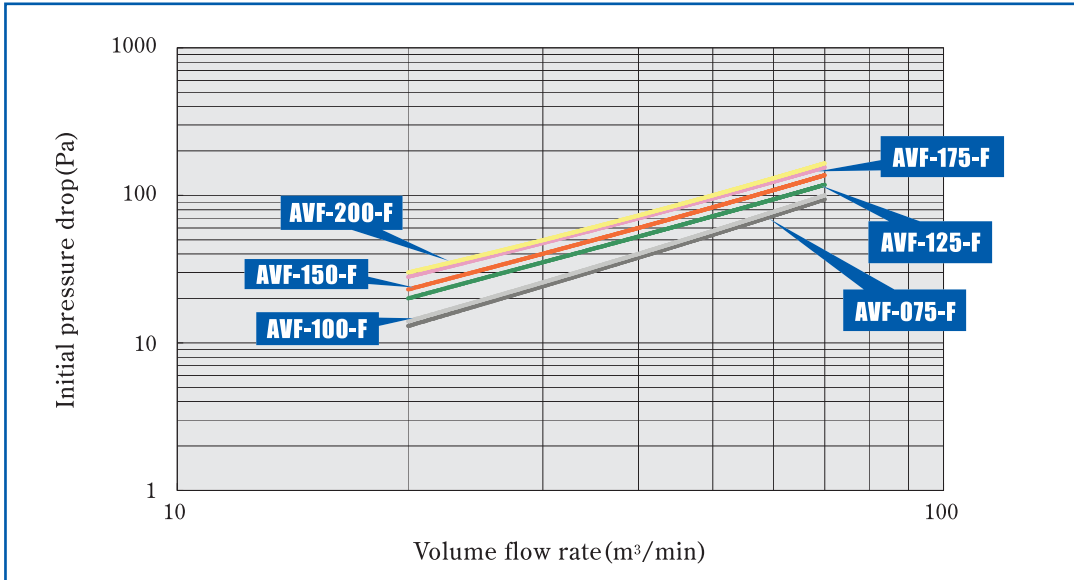


AVF type is the low pressure drop and long useful lifetimes pocket filter which also has got a lineup for high efficiency. The filter media of AVF is made from a synthetic fiber, and it has superlative durability. The nonwoven separators make the AVF low pressure drop effectively.

Item	AVF-075-F	AVF-100-F	AVF-125-F	AVF-150-F	AVF-175-F	AVF-200-F
Article						
Front frame (mm)*	595×595	595×595	595×595	595×595	595×595	595×595
Overall depth (mm)*	600	600	600	600	600	600
Number of pockets*	6	6	6	6	6	6
Material	Polyester	Polypropylene/ Polyester	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Standard volume flow rate(m³/min)	56	56	56	56	56	56
Initial Pressure drop (Pa)	65	69	85	98	112	118
Filter class	G3	G4	F5	F6	F7	F8
Temperature resistance(°C)	60	60	60	60	60	60

\*The above size and number of pockets are standard. The other sizes and number of pockets are available. Please contact us.

Pressure drop

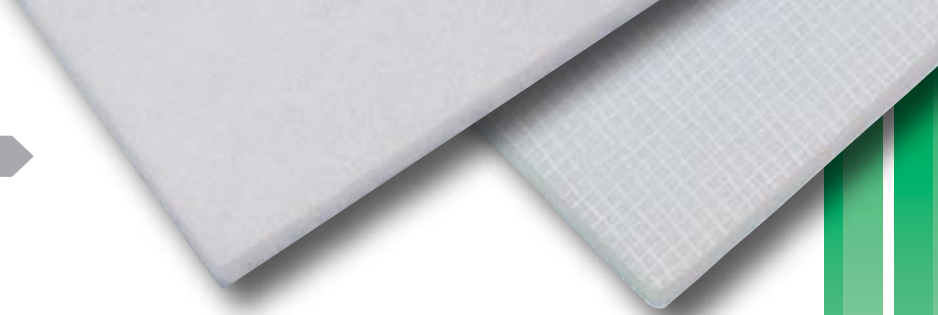


Suitable process



Filters for Spray Booth

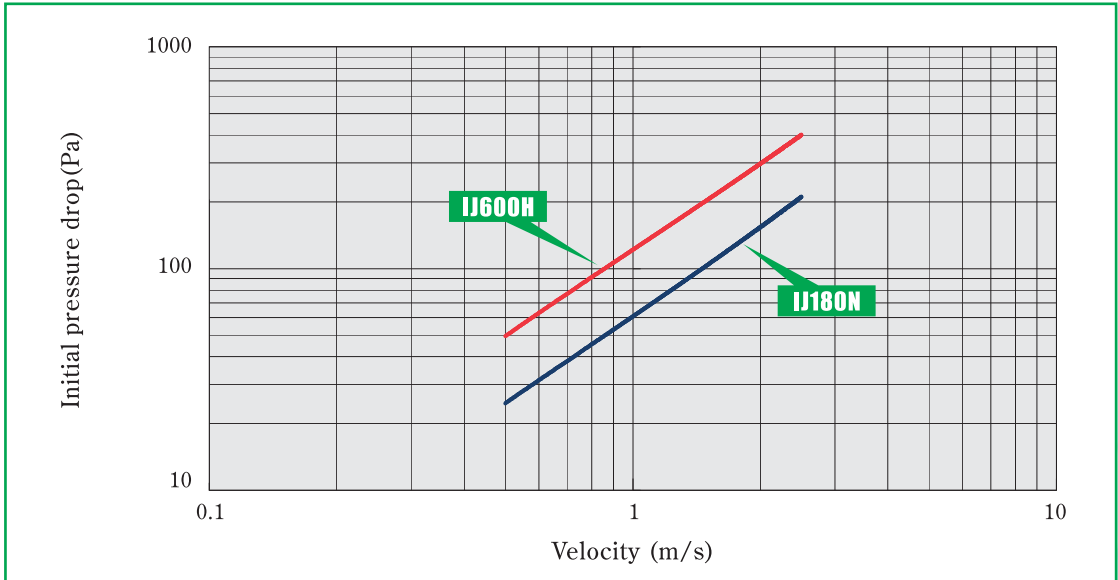
IJ180N/IJ600H



IJ180N and IJ600H that have the characteristics of the high dust collection efficiency is the ceiling filter for the paint spray booth. IJ180N is progressive in structure. It makes the low pressure drop and high arrestance. Having reinforcing net, IJ600H has the quality of resistance to breakage and the feature to handle easily.

Item	IJ180N	IJ600H	Remarks
Article			
Standard size(m)	1.6×20	1.6×20	Contact us for other sizes.
Thickness (mm)	20	22	
Material	Polyester	Polyester/Polyolefin	
Standard air velocity (m/s)	0.5	0.25	
Initial pressure drop (Pa)	25	24	
Filter class	F5	F5	
Temperature resistance(°C)	80	60	
Flame retardancy			These products are categorized in Class3 according to the Japan Air Cleaning Association's (JACA) Flammability Test No. 11A-2003 for Air Purifier Filter Media.

Pressure drop









Suitable process

Sanding → Painting → **Drying**

Filters for Oven

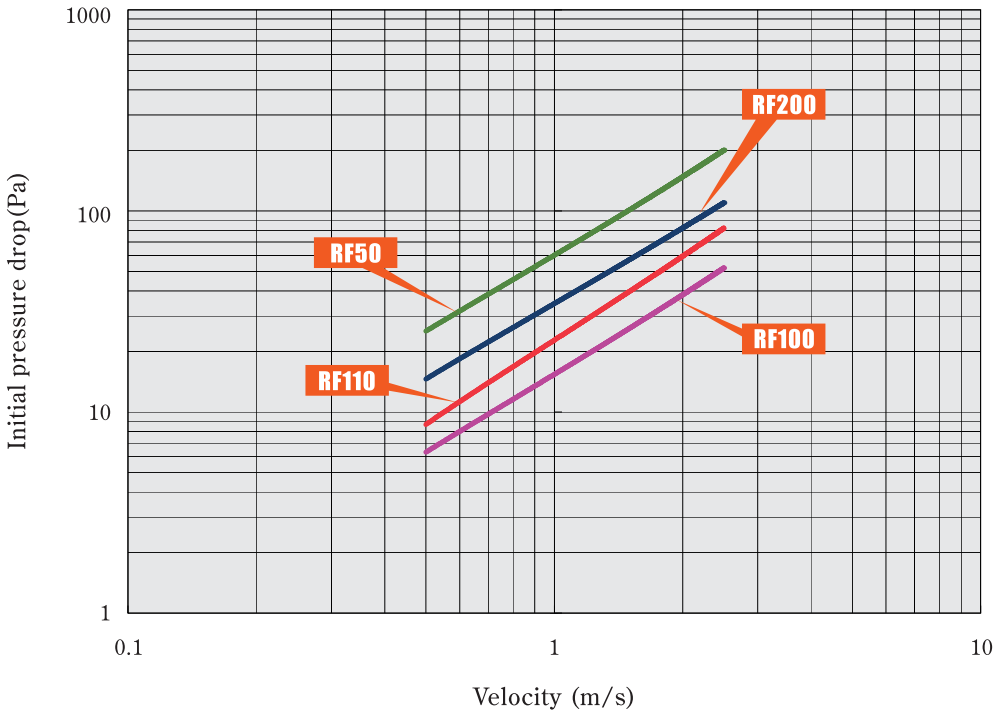
**RF200/RF110**  
**RF100/RF50**

**This filter is for high temperature resistant and it has been mainly used for filtering tar, soot, and the other dust in the Oven. Compared to Glass Fiber filter, it is less broken fluff fiber than Glass Fiber filter. It is also easy to handle especially when its replacing.**

Item	RF200	RF110	RF100	RF50	Remarks
Article					
Standard size (m)	0.5×0.5 0.8×0.8	1.6×20	1.6×20	1.6×20	Contact us for other sizes.
Thickness (mm)	23	18	10	20	
Material	Polyamide	Polyamide /Polyester	Polyamide /Polyester	Polyester	
Standard Air Velocity (m/s)	1.0	1.0	1.0	0.5	The performance will increase if the air velocity has reduced.
Initial ressure drop (Pa)	34	22	16	26	
Ave. Arrestance (%)	90	88	88	98	
Temperature resistance(°C)	240	180	180	120	Maximum usage temperature.
Flame retardancy					These products are categorized in Class3 according to the Japan Air Cleaning Association's (JACA) Flammability Test No.11A-2003 for Air Purfier Filter Media.
Others	The lifetime of filter depends on the circumstance such as temperature, emvironmental condition, air velocity, and so on. Please contact us or our agents for further assistance.				



**Pressure drop**



**Difference from Glass Fiber**

**RF200 is a Nonwoven product (Synthetic Fiber) and its structure enables less damage and less fluff. It has easy handling and disposal compared with Glass fiber filter. RF200 can also reduce the volume of filter incineration waste.**