



# HT Separator ASHRAE Filter

UL Class 1



## Capacity

- ※Efficiency: ASHRAE 85%, 95%
- ※Standard: EN779 F7, F8

## Operating Conditions

- ※Continuous Temp: Up to 260°C (500°F)
- ※Note:
  1. Operating at 290°C (550°F) for two hours, the media color start change rapidly.
  2. Operating at 320°C (600°F) for one and one half hour ,glue and gasket broke down.
  3. To operate at high temperature, please call us for detail.

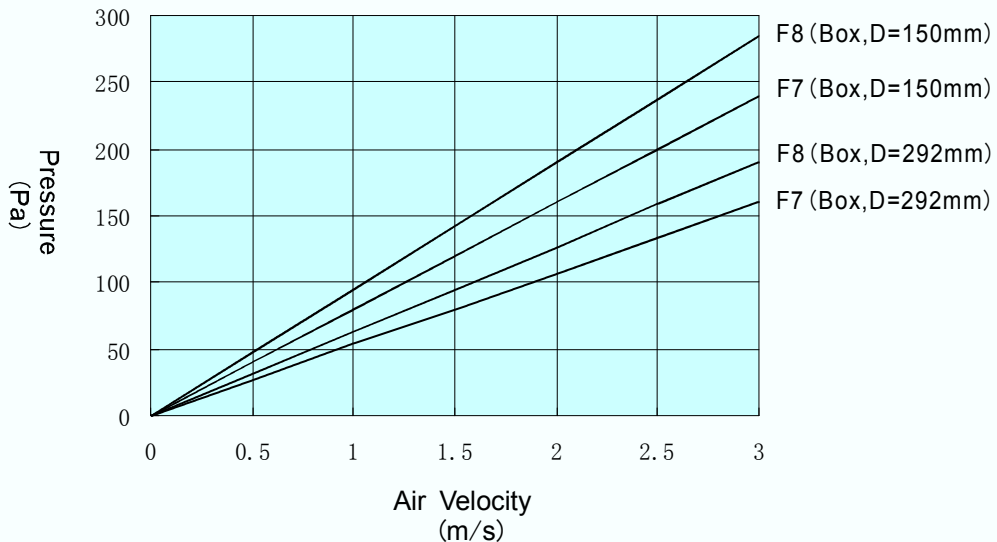
## Technical Parameters

Type	W*H*D (mm)	Area (m <sup>2</sup> )	Efficiency	Airflow (CMH)	Initial Pressure (Pa)	Airflow (CMH)	Initial Pressure (Pa) ※
Box	305*610*292	6.69	F7	1000	80	1700	135
			F8		95		160
	610*610*292	13.66	F7	2000	80	3400	135
			F8		95		160
Single-header	289*593*292	6.20	F7	1000	90	1700	145
			F8		105		180
	593*593*292	12.97	F7	2000	90	3400	145
			F8		105		180
Box	305*610*150	3.02	F7	700	80	1200	135
			F8		95		160
	610*610*150	6.16	F7	1500	80	2500	135
			F8		95		160
Single-header	289*593*150	2.79	F7	700	90	1200	145
			F8		105		180
	593*593*150	5.84	F7	1500	90	2500	145
			F8		105		180

Recommended final pressure: 400Pa

※Pressure range ±15%.

Different sizes and specifications are available.



## Materials

Frame	Galvanized steel sheet, Stainless steel sheet (SUS201/SUS430)
Media	Glass Fiber
Separator	Aluminum foil
Sealant	Single component high temperature silicone caulk
Gasket	High temperature silicone sponge (optional)
Face net	Aluminum mesh (optional)

## Applications

1. High temperature paint spray line.
2. High clean baking booth.
3. High purified baking box.
4. Food baking booth or room.
5. Use with high temperature equipments to kill the germ or virus, such as pharmaceutical factory.
6. Ventilation system with high fire resistant requirement and high temperature operating environment.

## Three Dimensional View

