



Features

- ❶ Uses easily replaceable cartridge type filter.
- ❷ Uses TEXELCOAL as an absorber, capable of removing composite odor by its use alone.
- ❸ The low pressure loss from the unit minimizes the power consumed by the blower.

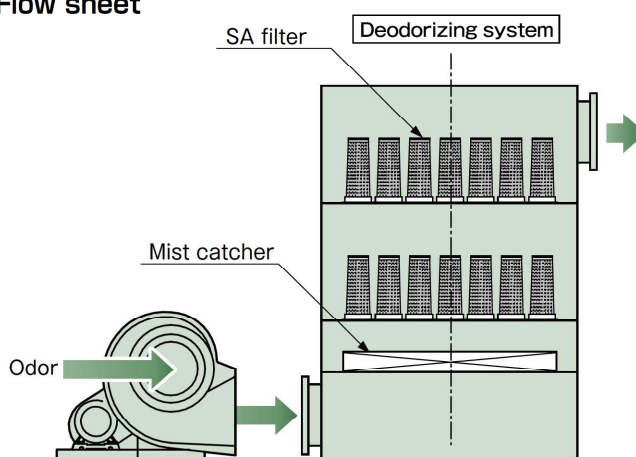
SAF type standard common specifications

Standard material	Column unit - FRP; mist catcher - PVC; Activated charcoal filter - PP	
Standard color	Column unit - Munsell N-7	Blower - Munsell 2.5G6/3
Standard motor	Totally enclosed fan cooled motor for outdoor installation, 200/220 V, 50/60 Hz	
Pressure loss from the main unit	300Pa	
Machine noise level	73 to 76 dB (A) (a reference noise level at 1 m from the machine)	
Allowable inlet temperature	40° C or lower	
Pressure loss outside the unit	1,000 Pa max	

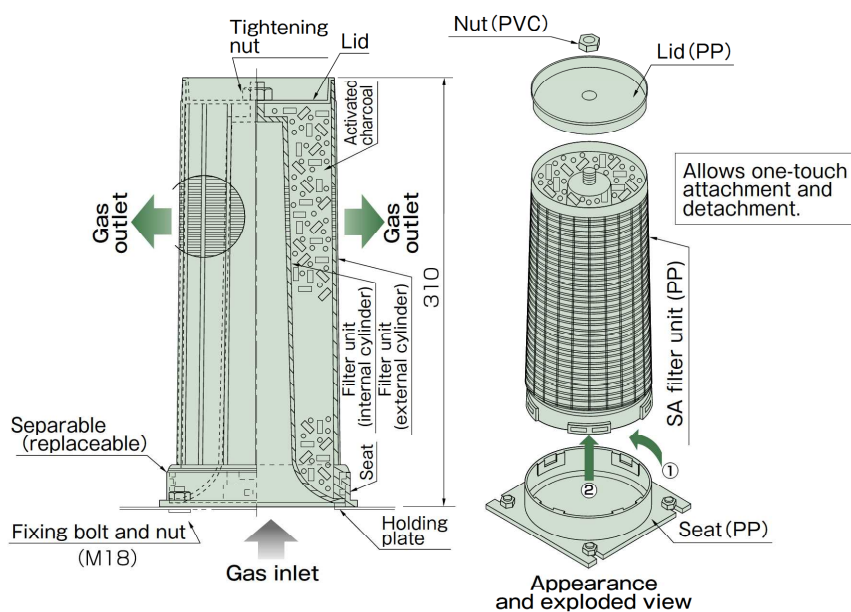
Flow sheet



Filter photo



Activated charcoal filter structure



SAF-Atype (Activated charcoal filter column)

Dimensions

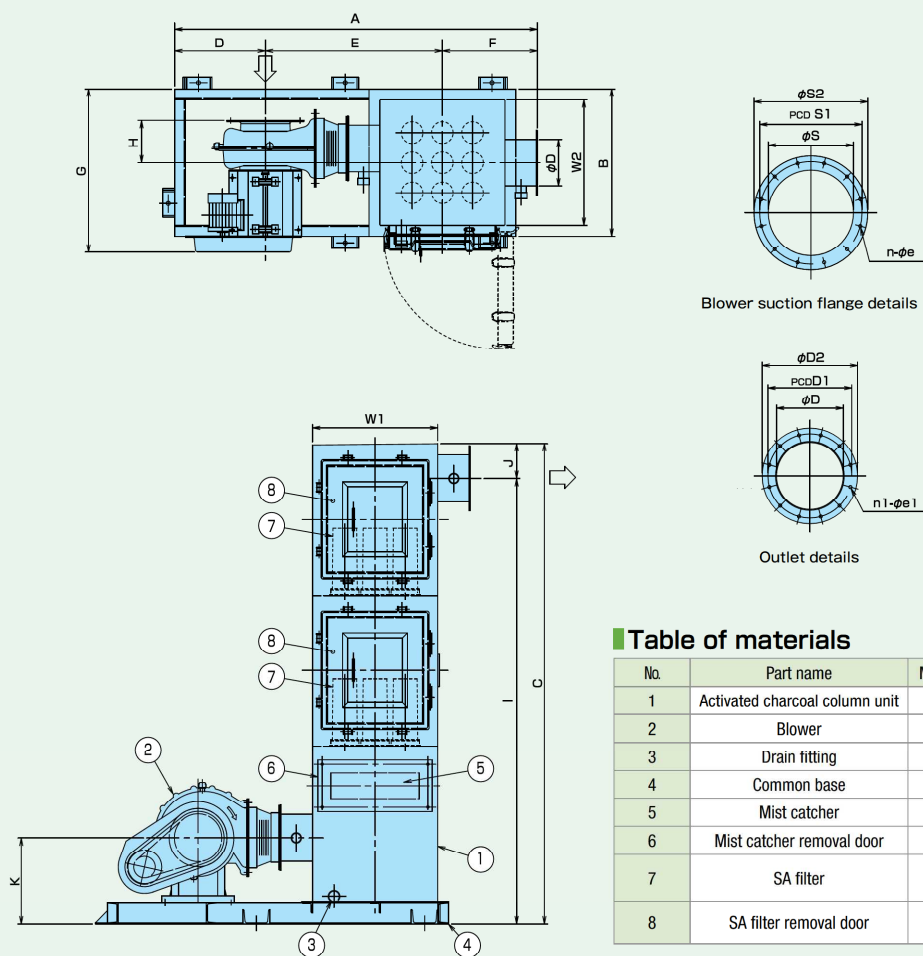


Table of materials

No.	Part name	Material	Quantity	Remarks
1	Activated charcoal column unit	FRP	1	
2	Blower	FRP	1	
3	Drain fitting	FRP	1	
4	Common base	SS400	1	Hot-dip galvanized
5	Mist catcher	PVC	1	MC-100
6	Mist catcher removal door	FRP	1	
7	SA filter	PP	2 sets	Including activated charcoal
8	SA filter removal door	FRP	2 sets	

SAF-A4D - A144D(sirocco fan series)standard specifications

Model	Number of SA filter units Number × stacks	Blower				Weight (kg)
		Model	Airflow rate (m ³ /min)	Static pressure (kPa)	Motor (kW)	
SAF-A4D	4 × 2	CES101	4	0.75	0.4	160
SAF-A9D	9 × 2	CES101	9	0.75	0.75	200
SAF-A16D	16 × 2	CES101	16	0.75	0.75	260
SAF-A25D	25 × 2	CES101	25	0.75	1.5	370
SAF-A36D	36 × 2	CES101	36	0.75	1.5	450
SAF-A50D	50 × 2	CES151	50	0.75	2.2	730
SAF-A72D	72 × 2	CES201	72	0.75	2.2	960
SAF-A96D	96 × 2	CES201	96	0.75	3.7	1150
SAF-A144D	144 × 2	NSF302	144	0.75	3.7	1770

Airflow rate and dimensions(unit: mm)of SAF-A4D - A144D(sirocco fan series)

Model	Airflow rate (m ³ /min)	A	B	C	D	E	F	G	H	I	J	K	W1	W2	φ S	PCDS1	φ S2	n- φ e	φ D	PCDD1	φ D2	n1- φ e1
SAF-A4D	~ 4	1650	590	2225	420	805	425	663	241	2065	160	400	550	440	268	322	358	12-10	210	264	300	12-10
SAF-A9D	5 ~ 9	1680	680	2225	420	820	440	753	196	2065	160	400	580	580	268	322	358	12-10	210	264	300	12-10
SAF-A16D	10 ~ 16	1820	820	2150	420	890	510	893	126	1990	160	400	720	720	268	322	358	12-10	210	264	300	12-10
SAF-A25D	17 ~ 25	2030	960	2390	420	1010	600	959	130	2205	185	400	900	860	268	322	358	12-10	260	322	360	12-10
SAF-A36D	26 ~ 36	2130	1100	2465	420	1060	650	1029	130	2250	215	400	1000	1000	268	322	358	12-10	310	382	420	16-12
SAF-A50D	37 ~ 50	3200	960	2610	500	1600	1100	1033	198	2360	250	420	1900	860	320	382	421	16-12	350	432	470	16-12
SAF-A72D	51 ~ 72	3460	1120	2700	500	1780	1180	1213	200	2445	255	525	2060	1000	422	482	520	20-14	400	482	520	20-15
SAF-A96D	73 ~ 96	3510	1400	2765	500	1830	1180	1353	200	2455	310	525	2060	1280	422	482	520	20-14	500	590	640	24-15
SAF-A144D	97 ~ 144	3990	2180	2950	900	1910	1180	1980	330	2615	335	795	2060	2060	510	590	640	24-14	550	630	670	28-12

Note: Each unit may be customized to increase the maximum airflow rate by 1.5 times from the standard flow rate, but then the pressure loss from the column will be 0.7 kPa (standard: 0.3 kPa).