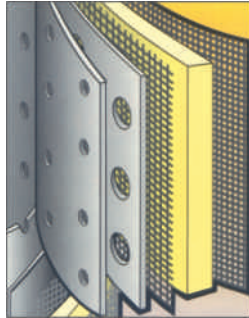


SAGL Series Compressed Air Filters

HC Level (HF9 Class) Main Line Filters

Features:

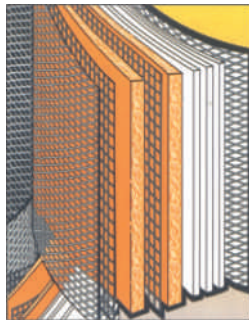
- The first stage using by a removable stainless steel mesh core and centrifugal to separate 10 μ m or larger solid particles and liquid particles. Main Line Filters.
- The second stage using alternative glass fiber filter 3 μ m or bigger solid particles and liquid particles completely, gravity to filter the water to the filter bottom and discharged.
- Inner and outer filter are corrosion resistant.
- 5PPM The remaining oil mist content 5PPM.



HT Level (HF7 Class) Oil Mist Filter

Features:

- Supporting screws holding the filter stable against shocks. Multi-layer glass fiber completely filter 1 μ m or bigger solid particles and liquid particles, and has a function to reduce the pressure drop.
- The air filtered by perforated outer cylinder, thereby rapidly flows to the filter outlet.
- Inner and outer filter are corrosion resistant.
- 1 PPM The remaining oil mist content 1PPM.



HA Level (HF5) Micro Oil Mist Filter

Features:

- Supporting screws holding the filter stable against shocks.
- Internal elastic sponge have a pre-filter function.
- Density, diameter and surface treatment specially designed of micro-glass fibers can filter 0.01 μ m solid particles and liquid particles.
- The outer layer of sponge to absorb and discharge oil mist.
- Inner and outer filter are corrosion resistant.
- 0.01PPm. The remaining oil mist content 0.01PPm.



HF Level (HF3 Class) And Efficient Ultra-fine Filter

Features:

- Inner and outer filter are corrosion resistant.
- Closed coating sponge sleeve takes pre-filter and air flow dispersion.
- Density multi-layer matrix composite glass fiber specially designed can filter 0.01 μ m solid particles and liquid particles.
- 0.003 PPM The remaining oil mist content 0.003PPM



HH level (HF1 Class) Deodorizing Filter

Features:

- Inner and outer filter are corrosion resistant.
- Very fine activated carbon powder stable layer to filter out most of the oil vapor.
- Specially designed composite fiber media bonded micro fine activated carbon powder, filter out solid particles and liquid particles of 0.01 μ m.
- Textile composite fiber layer of activated carbon particles displacement, the outer coating closed sponge tube to prevent fiber network wavering.
- Under rated operating conditions, the design life is 2,000 hours. The remaining oil mist content 0.003PPm.

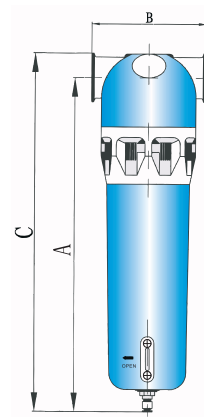


Figure I

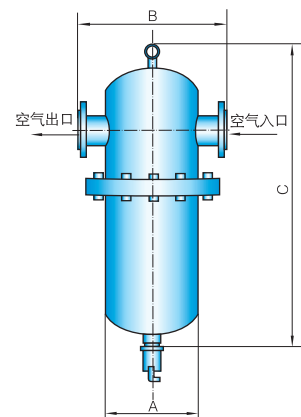


Figure II

Specifications And Performance Parameters

Model	Item	Air flow (Nm ³ /min)	Element Qty	Outer Size			Connec-tion Diameter	Weight (Kg)	Outside Drawing
				A(mm)	B(mm)	C(mm)			
SAGL-0.5*		0.65	1	337	125	361	G1"	1.9	Figure I
SAGL-1*		1.2	1	337	125	361	G1"	1.9	
SAGL-2*		2.5	1	337	125	361	G1"	1.9	
SAGL-3*		3.6	1	337	125	361	G1"	1.9	
SAGL-4.5*		5.0	1	444	152	475	G1 $\frac{1}{2}$ "	3.4	
SAGL-6*		6.8	1	444	152	475	G1 $\frac{1}{2}$ "	3.4	
SAGL-8*		8.5	1	734	160	767	G2"	5.3	
SAGL-10*		10.9	1	734	160	767	G2"	5.3	
SAGL-12*		12.8	1	734	160	767	G2"	5.3	
SAGL-15*		16	1	φ 159	399	950	DN65	49	
SAGL-20*		22	1	φ 159	399	1100	DN65	53	
SAGL-25*		26.8	1	φ 159	399	1250	DN80	59	
SAGL-30*		32	2	φ 219	459	985	DN80	67	Figure II
SAGL-40*		43.5	2	φ 219	459	1130	DN100	75	
SAGL-50*		53	3	φ 273	513	1190	DN100	109	
SAGL-60*		67	3	φ 273	513	1190	DN125	114	
SAGL-80*		90	4	φ 325	565	1220	DN125	132	
SAGL-100*		110	5	φ 377	637	1290	DN150	177	
SAGL-120*		130	5	φ 377	637	1445	DN150	187	
SAGL-150*		160	7	φ 462	762	1630	DN200	215	
SAGL-200*		210	9	φ 462	762	1630	DN200	216	
SAGL-250*		260	11	φ 512	812	1750	DN250	271	
SAGL-300*		315	13	φ 562	862	1800	DN250	310	
SAGL-350*		350	16	φ 662	962	1915	DN300	397	
SAGL-400*		400	18	φ 662	962	1915	DN300	398	
SAGL-450*		450	20	φ 712	1012	1915	DN350	462	
SAGL-500*		500	23	φ 712	1012	1980	DN350	500	
SAGL-550*		550	26	φ 816	1116	2000	DN400	560	
SAGL-600		600	28	φ 816	1116	2000	DN400	600	



Figure I

Figure II

Performance Parameters

Product Level	Filtration Accuracy	Remaining Oil	Initial Pressure Drop	(Compressed State) The Concentration challenges of inlet
HC(HF9)	3 μ m	5ppm	0.007MPa	N/A
HT(HF7)	1 μ m	1ppm	0.007MPa	10ppm
HA(HF5)	0.01 μ m	0.01ppm	0.01MPa	3ppm
HF(HF3)	0.01 μ m	0.003ppm	0.01MPa	0.1ppm
HH(HF1)	0.01 μ m	0.003ppm	0.01MPa	0.1ppm

Pressure Correction Coefficient

Pressure(MPa)	correction coefficient	Pressure(MPa)	correction coefficient
0.1	0.25	1.0	1.0
0.2	0.375	1.3	1.0
0.3	0.5	1.6	1.0
0.4	0.625	2.0	1.33
0.5	0.75	2.5	1.33
0.7	1.0		

Note:

- "*" indicates the product level: HC, HT, HA, HF, HH.
- This series of precision filter, filter element uses the technology of HANKISON.
- Filter element Precision is based on ISO 8573.
- Required to specify when ordering. The amount of processing at different pressures should be corrected coefficient as the coefficient correction table.

SAZJ Series Self-cleaning Filter



Specifications And Performance Parameters

Item Model	Air Inlet Filtration (Nm ³ /min)	Initial Resis- tance (Pa)	Filtra- tion Effici- ency /Diameter	Blow -back Pressure (Mpa)	Air Consum- ption (m ³ /min)	Electric Power (W)	L (mm)	W (mm)	H (mm)	Weight (t)	Outlet Flange Diameter
SAZJ-40	80~100	≤150	100% 3 μm	0.5 ~0.8	0.1	100	1480	1310	3000	0.8	DN300
SAZJ-60	120~150	≤150	100% 3 μm	0.5 ~0.8	0.1	100	1480	1760	3050	1.0	DN350
SAZJ-100	200~250	≤150	100% 3 μm	0.5 ~0.8	0.1	100	1910	1760	3100	1.2	DN400
SAZJ-120	240~300	≤200	100% 3 μm	0.5 ~0.8	0.1	100	1910	2210	3150	1.5	DN450
SAZJ-160	320~380	≤200	100% 3 μm	0.5 ~0.8	0.1	100	2340	2210	3150	1.65	DN500
SAZJ-200	400~480	≤270	100% 3 μm	0.5 ~0.8	0.1	100	2770	2210	3200	2.0	DN600
SAZJ-250	500~580	≤270	100% 3 μm	0.5 ~0.8	0.1	100	3140	2150	3300	2.2	DN700
SAZJ-300	600~680	≤270	100% 3 μm	0.5 ~0.8	0.2	200	2830	2580	3300	2.3	DN700
SAZJ-350	700~780	≤270	100% 3 μm	0.5 ~0.8	0.2	200	3070	2770	3440	2.6	DN800
SAZJ-400	800~880	≤270	100% 3 μm	0.5 ~0.8	0.2	200	3740	2770	3540	3.2	DN900
SAZJ-450	900~980	≤270	100% 3 μm	0.5 ~0.8	0.2	200	4170	2770	3540	3.8	DN900
SAZJ-500	1000~1180	≤270	100% 3 μm	0.5 ~0.8	0.2	200	4600	2770	3640	4.0	DN1000
SAZJ-600	1200~1380	≤270	100% 3 μm	0.5 ~0.8	0.3	200	4020	4060	3840	5.4	DN1100
SAZJ-800	1600~1750	≤270	100% 3 μm	0.5 ~0.8	0.3	200	4840	4490	4040	7.8	DN1300
SAZJ-1000	2000~2300	≤270	100% 3 μm	0.5 ~0.8	0.3	200	4840	5350	4240	8.6	DN1500
SAZJ-1200	2400~2700	≤270	100% 3 μm	0.5 ~0.8	0.3	200	5880	5020	4340	11.5	DN1600
SAZJ-1500	3000~3500	≤270	100% 3 μm	0.5 ~0.8	0.3	200	7080	5020	4440	12.6	DN1700

★ Other models can be customized as special standard.

Product Introduction

Self-cleaning air filter has the advantages of simple structure, long life time for the filter element (cartridge) and less maintenance compared with the normal air filters.The core components of the cartridge and material are from world famous brands. With adding a pre-filter, the life time of the filter cartridge is extended.

Features

- Help extend compressor durability.
- Using Schneider and Siemens's controller and LCD.
- With back blowing to make element clean.
- Filtration pressure loss: 300Pa Initial.
- With high efficient pre-filter to ensure long life.
- Equipped with digital display control device for pressure loss.
- With alarm system.

SAHL Series Water-cooled Air Cooler

Product Brief Introduction

SAHL series of high efficient air cooler is a main air compressor supplementary equipment. Hot air generated by the compressor can be cooled. It use high-efficiency finned copper tube, with small size, high cooling efficiency, using convenient and other characteristics, which can be used under high temperature, high humidity and heavy dust environment.

Technical Specifications

Inlet air pressure	0.6~1.0Mpa
Inlet air temperature	≤140℃
Outlet air temperature	≤45℃
Cooling water inlet temperature	≤32℃
Cooling water inlet pressure	0.2~0.4Mpa
The initial pressure drop	≤0.02Mpa

★ The above parameters pressure technical standard 0.7MPa (other special standard can be customized).



Specifications And Performance Parameters

Item Model	Air capacity (Nm ³ /min)	Water consumption (m ³ /h)	Air connection diameter	Cooling water pipe diameter	Height (mm)	Cylinder diameter (mm)	Weight (Kg)
SAHL-0.5NW	0.65	0.3	G1/2"	Rc1/2"	955	φ 89	30
SAHL-1NW	1.2	0.5	G1"	Rc1"	1055	φ 89	32
SAHL-2NW	2.5	1	G1"	Rc1"	1305	φ 108	44
SAHL-3NW	3.6	1	G1"	Rc1"	1305	φ 108	44
SAHL-4.5NW	5.0	1.5	G1 1/2"	Rc1"	1330	φ 159	70
SAHL-6NW	6.8	1.5	G1 1/2"	Rc1"	1330	φ 159	70
SAHL-8NW	8.5	3	G2"	Rc1 1/2"	1780	φ 159	86
SAHL-10NW	10.9	3	G2"	Rc1 1/2"	1780	φ 159	86
SAHL-12NW	12.8	3	G2"	Rc1 1/2"	1780	φ 159	86
SAHL-15NW	16	4.5	DN65	Rc2"	1657	φ 219	140
SAHL-20NW	22	6	DN65	Rc2"	1657	φ 219	142
SAHL-25NW	26.8	9	DN80	Rc2"	1663	φ 273	189
SAHL-30NW	32	9	DN80	Rc2"	1663	φ 273	197
SAHL-40NW	43.5	12	DN100	Rc2 1/2"	2023	φ 273	233
SAHL-50NW	53	15	DN100	Rc2 1/2"	2087	φ 325	297
SAHL-60NW	67	18	DN125	Rc2 1/2"	2087	φ 325	315
SAHL-80NW	90	24	DN125	Rc2 1/2"	2287	φ 325	340
SAHL-100NW	110	30	DN150	Rc3"	2413	φ 377	476
SAHL-120NW	130	35	DN150	DN100	2520	φ 412	450
SAHL-150NW	160	45	DN200	DN100	2620	φ 412	510
SAHL-200NW	210	60	DN200	DN100	2845	φ 462	646
SAHL-250NW	260	75	DN250	DN125	2910	φ 512	809
SAHL-300NW	310	90	DN250	DN125	3210	φ 512	883

SGX Series Efficient Oil Removal

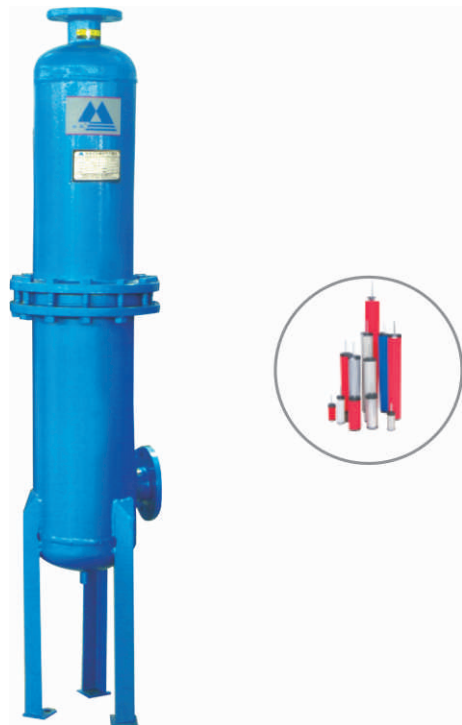
Product Brief Introduction

This series of products is based on main ultra-fine fiber filter material , using a cyclone, pre-filter and a coalescing fine filter three purification,. Using with oil-lubricated compressor with the obtained below the oil-free compressor oil content the level of temperament, but also has a very high dedusting capability and some dehumidifying drying capacity. Widely used in pneumatic instrumentation, automatic control and food, pharmaceutical, chemical, textile, oil, paint, telecommunications, metallurgy, rubber and other industries.

Technical Specifications

Inlet air pressure	0.6~1.0Mpa
Inlet air temperature	0℃~50℃
The initial pressure drop	≤0.02Mpa
Outlet air oil-content	≤0.1PPM~0.01PPM

★ The above parameters pressure technical standard 0.7MPa (other special standard can be customized).



Specifications And Performance Parameters

Item Model	Air capacity (Nm ³ /min)	Air connection pipe diameter	Height (mm)	Cylinder diameter (mm)	Weight (mm)
SAGX-1	1.2	G1"	1054	Φ133	34
SAGX-2	2.5	G1"	1054	Φ133	34
SAGX-3	3.6	G1"	1066	Φ159	46
SAGX-4.5	4.8	G1½"	1246	Φ159	52
SAGX-6	6.8	G1½"	1246	Φ159	52
SAGX-8	8.5	G2"	1495	Φ219	74
SAGX-10	10.9	G2"	1495	Φ219	74
SAGX-12	12.8	G2"	1495	Φ219	75
SAGX-15	16	DN65	1590	Φ219	90
SAGX-20	22	DN65	1720	Φ219	95
SAGX-25	26.8	DN80	1870	Φ219	101
SAGX-30	32	DN80	1846	Φ273	152
SAGX-40	43.5	DN100	2022	Φ325	189
SAGX-50	53	DN100	2238	Φ412	255
SAGX-60	67	DN125	2238	Φ412	259
SAGX-80	90	DN125	2238	Φ412	260
SAGX-100	110	DN150	2363	Φ462	309
SAGX-120	130	DN150	2363	Φ462	310
SAGX-150	160	DN200	2363	Φ462	323
SAGX-200	210	DN200	2363	Φ462	326
SAGX-250	260	DN250	2509	Φ512	484
SAGX-300	310	DN250	2509	Φ566	521

SAGL Series Dust Fine Filter



Product Brief Introduction

The series has a small size, compact structure, high filtration efficiency, easy maintenance features, designed for the chemical, textile, petroleum, metallurgy, textiles, electronics, telecommunications and other industries pneumatic control, pneumatic, pneumatic components and industrial gas providing clean compressed air source.

Technical Specifications

Inlet air pressure	0.6~1.0Mpa
Inlet air temperature	0℃~50℃
The initial pressure drop	≤0.007Mpa
Outlet air dust particle size	≤1μm

★ The above parameters pressure technical standard 0.7MPa (other special standard can be customized).

Specifications And Performance Parameters

Item Model	Air capacity (Nm ³ /min)	Air connection pipe diameter	Height (mm)	Diameter (mm)	Weight (Kg)
SAGL-1FC	1.2	G1"	361	Φ85	1.9
SAGL-2FC	2.5	G1"	361	Φ85	1.9
SAGL-3FC	3.6	G1"	361	Φ85	1.9
SAGL-4.5FC	5.0	G1½"	475	Φ110	3.4
SAGL-6FC	6.8	G1½"	475	Φ110	3.4
SAGL-8FC	8.5	G2"	632	Φ120	5.3
SAGL-10FC	10.9	G2"	632	Φ120	5.3
SAGL-12FC	12.8	G2"	632	Φ120	5.3
SAGL-15FC	16	DN65	950	Φ159	49
SAGL-20FC	22	DN65	1100	Φ159	53
SAGL-25FC	26.8	DN80	1250	Φ159	59
SAGL-30FC	32	DN80	985	Φ219	67
SAGL-40FC	43.5	DN100	1130	Φ219	75
SAGL-50FC	53	DN100	1190	Φ273	109
SAGL-60FC	67	DN125	1190	Φ273	114
SAGL-80FC	90	DN125	1220	Φ325	132
SAGL-100FC	110	DN150	1290	Φ377	177
SAGL-120FC	130	DN150	1445	Φ377	187
SAGL-150FC	160	DN200	1630	Φ462	215
SAGL-200FC	210	DN200	1630	Φ462	216
SAGL-250FC	250	DN250	1750	Φ512	271
SAGL-300FC	300	DN250	1800	Φ562	310

SAYF Series Oil Water Separator



Product Brief Introduction

When a mixed gas containing solid particles, liquid oil, water and other contaminants into the oil-water separator via our newly developed patented product "of Rotary" to guide direction-changed, high-speed centrifugation to the cylinder wall by gravity sedimentation, gathering to sump ,liquid water mixed with solid particles discharged through the drains.

Product advantages

- 99% high efficiency
- High flow
- Patented design
- Eliminate rust and debris from pipes
- Low pressure drop
- Reduce maintenance (less and easy maintenance)

Technical Specifications

Inlet air pressure	0.6~1.0Mpa
Inlet air temperature	5℃~65℃
The initial pressure drop	≤0.003Mpa
Water out rate	≤99%

★ The above parameters pressure technical standard 0.7MPa (other special standard can be customized).

Specifications And Performance Parameters

Item Model	Air handling capacity (Nm³/min)	Air connection pipe diameter	Height (mm)	Cylinder diameter (mm)	Weight (Kg)
SAYF-1	1.2	G1"	361	Φ 85	1.9
SAYF-2	2.4	G1"	361	Φ 85	1.9
SAYF-3	3.6	G1"	361	Φ 85	1.9
SAYF-4.5	5	G1½"	475	Φ 110	3.4
SAYF-6	6.8	G1½"	475	Φ 110	3.4
SAYF-8	8.5	G2"	767	Φ 120	5.3
SAYF-10	10.9	G2"	767	Φ 120	5.3
SAYF-12	12.8	G2"	767	Φ 120	5.3
SAYF-15	16	DN65	705	Φ 159	42
SAYF-20	22	DN65	690	Φ 219	60
SAYF-25	26.8	DN80	860	Φ 219	68
SAYF-30	32	DN80	860	Φ 219	68
SAYF-40	43.5	DN100	970	Φ 273	107
SAYF-50	53	DN100	1070	Φ 325	131
SAYF-60	67	DN125	1110	Φ 325	136
SAYF-80	90	DN125	1195	Φ 325	141
SAYF-100	110	DN150	1370	Φ 377	183
SAYF-120	130	DN150	1390	Φ 412	190
SAYF-150	160	DN200	1580	Φ 462	261
SAYF-200	210	DN200	1790	Φ 562	362
SAYF-250	250	DN250	2065	Φ 612	438
SAYF-300	300	DN250	2150	Φ 662	491
SAYF-350	350	DN300	2230	Φ 662	524
SAYF-400	400	DN300	2240	Φ 712	571
SAYF-450	450	DN350	2490	Φ 812	741
SAYF-500	500	DN350	2500	Φ 812	751

★ This air process is based on the work pressure 0.7MPa, if higher than 1.0 MPa working pressure product, please obtain technical information from Shan Li company.

Sterilization Filter

Product Brief Introduction

This series of products are made with refined sanitary stainless steel filter housing, PTFE sterilization filter element, widely used in food, beverages, luxury goods, biotechnology, pharmaceutical, the electronics industry and other fields.

Technical Specifications

Inlet air pressure	0.6~1.0Mpa
Inlet air temperature	≤130℃
The initial pressure drop	≤0.01Mpa
Filtration precision	0.01μm

Specifications And Performance Parameters

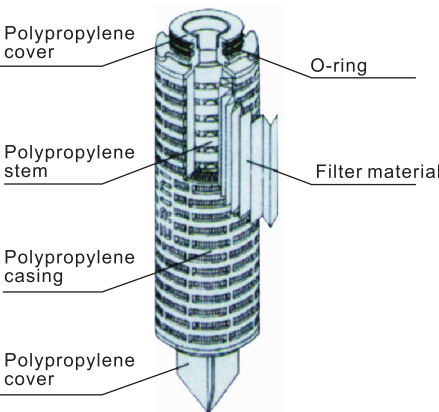
Item Model	SAGL -1CJ	SAGL -3CJ	SAGL -6CJ	SAGL -10CJ	SAGL -15CJ	SAGL -20CJ
Air capacity (Nm³/min)	1.2	3.6	6.8	10.9	16	22
Element Qty	1	1	1	1	1	1
Air connection pipe diameter	G1/2"	G1"	G1½"	G2"	DN50	DN65
Height(mm)	340	340	570	820	1080	820
Air inlet spacing(mm)	180	180	240	240	260	400

★ Sterilization filter need supporting using SLAF- * ZQ-type steam filters. Maximum steam sterilization temperature is 130 ℃, normal filtration temperature is <80 ℃.

Sterilization Filter Element



Filter Chart



Air Filter Combination

Specifications And Performance Parameters

Model	BC2000	BFC2000	BC3000	BFC3000	BC4000	BFC4000
Operating Pressure Range	Manual drain:0.5-8.5kgf/cm²		Automatic differential pressure discharge:1.5-8.5kgf/cm²			
Connection nozzle diameter	PT1/4		PT3/8		PT1/2	
Operating temperature range			5-60° C			
Water filtration cup capacity			60CC			
Oil feeder cup capacity			90CC			
lubricating oil recommended	ISO VG32 or equivalent oil					
Weight	1.23Kg	0.96Kg	1.23Kg	0.96Kg	1.23Kg	0.96Kg

Product Brief Introduction

Widely used in pneumatic control equipment, filters used to filter impurities in the air, water; regulator (valve) for adjusting the outlet air pressure, reaches the air pressure requirements of the end of the control section ; Oil feeder used to inject oil fog in to air, to provide oil lubrication for subsequent device parts.



SRFS Series Waste Oil Collector

Product Brief Introduction

Waste oil collector is widely used in collecting and recycling oil discharged from air compressor cooler and after-treating equipment. It can effectively separate oil from waste water by means of density difference and gravity separation to avoid waste oil & water contaminating the environment of air compressor station.

Thus it can reduce equipment failure & maintenance and help extend working life.

Specifications And Performance Parameters

Item Model	Inner volume (M³)	Height (mm)	Cylinder diameter (mm)	Weight (Kg)
SRFS-0.3	0.3	2080	Φ 560	173
SRFS-0.4	0.4	2100	Φ 660	190
SRFS-0.5	0.5	2340	Φ 660	210
SRFS-0.8	0.8	2390	Φ 862	310
SRFS-1.0	1.0	2690	Φ 862	349
SRFS-2.0	2.0	2960	Φ 1112	504
SRFS-3.0	3.0	3602	Φ 1312	661
SRFS-4.0	4.0	3640	Φ 1512	758

