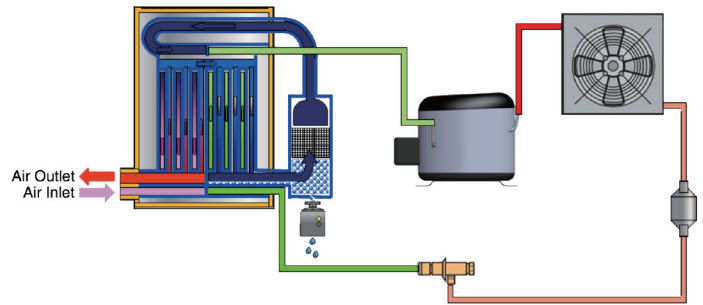


SSD Series Refrigeration Compressed Air Dryer



Technical Features

- With high quality components dryer was proven robust and very good performance.
- Pre-cooler, evaporator, water separator and air connection pipes are made of 304 stainless steel which can avoid secondary pollution to cleaned air.
- Simple and secure refrigeration circuits which do not require adjustment during operation and undergo vigorous quality testing in production.
- Large adjustable condenser and fan compartments to guarantee optimal performance even in extreme conditions.

All SSD series dryers have passed latest CE safety certification.



- High efficiency brazed plate heat exchanger are used as evaporator & pre-cooler which enables temperature difference between inlet & outlet to maintain in the range of 6-8°C. This design not only ensures low outlet relative humidity, but also avoids condensation at the outlet.
- Pre-cooler recycles almost 90% of cooling energy, as a result, evaporator load is effectively reduced and system energy consumption of refrigerant air dryer is greatly lowered.
- All SSD series stainless steel dryers adopt environmentally friendly refrigerant, which comply with environmental protection regulation all over the world.

SSD Series Refrigeration Compressed Air Dryer

Technical Specifications

Model	Air Connection	Capacity		Dimension mm			Weight kg	Recommended Pre-Filter Model	Recommended After-Filter Model
		m³/min	CFM	L	W	H			
RSLF-06-SSD	Rc1/2"	0.6	21	500	250	500	25	RSG-AO-0017G/V2	RSG-AA-0017G/V2
RSLF-09-SSD	Rc1/2"	0.9	32	500	250	500	25	RSG-AO-0017G/V2	RSG-AA-0017G/V2
RSLF-12-SSD	Rc1/2"	1.2	42	600	310	500	30	RSG-AO-0030G/V2	RSG-AA-0030G/V2
RSLF-15-SSD	Rc1/2"	1.5	53	600	310	500	30	RSG-AO-0030G/V2	RSG-AA-0030G/V2
RSLF-18-SSD	Rc1/2"	1.8	64	600	310	500	30	RSG-AO-0030G/V2	RSG-AA-0030G/V2
RSLF-24-SSD	Rc3/4"	2.4	85	750	360	550	50	RSG-AO-0058G/V2	RSG-AA-0058G/V2
RSLF-30-SSD	Rc3/4"	3.0	106	750	360	550	50	RSG-AO-0058G/V2	RSG-AA-0058G/V2
RSLF-36-SSD	Rc3/4"	3.6	127	750	360	550	55	RSG-AO-0058G/V2	RSG-AA-0058G/V2
RSLF-40-SSD	Rc3/4"	4.0	141	750	360	550	55	RSG-AO-0080G/V2	RSG-AA-0080G/V2

Rated Conditions

Working pressure : 0.7MPag / 100psig

Inlet temp : 38°C / 100°F

Ambient temp : 38°C / 100°F

Working Range

Max. working pressure : 1.6MPag / 232psig

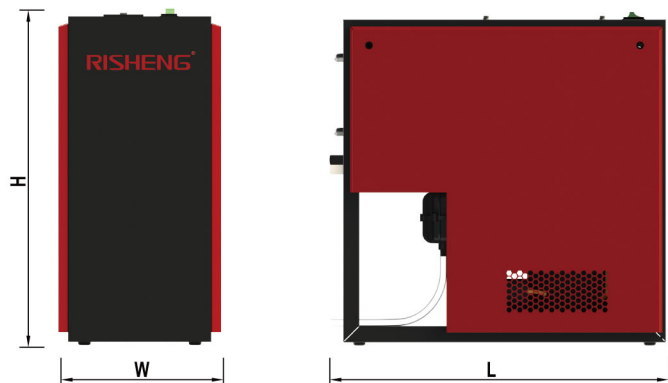
Max. inlet temperature : 60°C / 140°F

Max. ambient temperature : 50°C / 122°F

Min. ambient temperature : 5°C / 41°F

Available Options

- Higher working pressure
- Different power supply
- Timed drain or zero loss drain



Correction Factors

Actual Capacity (m³/min) = Nominal Capacity x KA x KB x KC

Working Pressure (KA)	Mpag	0.3	0.4	0.5	0.6	0.7	0.8	0.9
	psig	44	58	73	87	102	116	131
	CFP	0.76	0.86	0.92	0.93	1.00	1.04	1.08
	Mpag	1.0	1.1	1.2	1.3	1.4	1.5	1.6
	psig	145	160	174	189	203	218	232
	CFP	1.11	1.15	1.18	1.22	1.25	1.28	1.30

Inlet Temperature (KB)	°C	35	38	40	46	49	54	60
	°F	95	100	104	115	120	129	140
	CFT	1.11	1.00	0.92	0.76	0.69	0.56	0.46

Ambient Temperature (KC)	°C	25	30	35	38	40	45	50
	°F	77	86	95	100	104	113	122
	CFT	1.15	1.10	1.02	1.00	0.89	0.79	0.69