

AUGUST



Air Dryer



RSL-S-ST SERIES

REFRIGERATED AIR DRYER

REFRIGERATION AIR DRYER **RSLs-ST SERIES**

Technical Specifications

Model	Air Connections	Capacity		Dimensions (mm)			Weight kg	Recommended Pre-Filter Model	Recommended After-Filter Model
		m³/min	cfm	Length	Width	Height			
RSLs-1500-ST	DN200	150.0	5310	2750	1850	1900	2680	RSG-AO-2500F/V2	RSG-AA-2500F/V2
RSLs-1800-ST	DN200	180.0	6372	2900	1900	2000	3300	RSG-AO-3250F/V2	RSG-AA-3250F/V2
RSLs-2000-ST	DN200	200.0	7080	3300	2100	2100	3900	RSG-AO-3250F/V2	RSG-AA-3250F/V2
RSLs-2500-ST	DN250	250.0	8850	3750	2250	2300	4300	RSG-AO-4650F/V2	RSG-AA-4650F/V2
RSLs-3000-ST	DN250	300.0	10620	3800	2500	2400	5000	RSG-AO-5200F/V2	RSG-AA-5200F/V2
RSLs-3500-ST	DN300	350.0	12390	4000	2600	2500	5600	RSG-AO-7800F/V2	RSG-AA-7800F/V2



Rated conditions

Rated conditions	
Working pressure	: 0.7MPag (100psig)
Inlet temp	: 38° (100°)
Ambient temp	: 38° (100°)
Cooling water temperature	: 32° (89.6°)

Working range

Max. Working pressure	: 1.0Mpag (145psig)
Max. Inlet temperature	: 50° (122°)
Max. Ambient temperature	: 45° (113°)
Min. Ambient temperature	: 5° (41°)
Max. Cooling water temp.	: 40° (104°)

Available Options

For pressure > 1.0MPag (145psig), please contact us. Different power supply available
If the capacity > 350m³/min (145psig), please contact us. Vessel Standard: GB, ASME, PED, etc.

Correction Factors

Actual capacity(m³/min)=selection capacity x KA x KB x KC'

Working Pressure (KA)	Mpag	0.5	0.6	0.7	0.8	0.9	1.0
	CFP	0.92	0.93	1.00	1.04	1.08	1.11

Inlet Temperature(KB)	°C	35	38	40	46	49	54	60
	CFT	1.11	1.00	0.92	0.76	0.69	0.56	0.46

Cooling Water Temperature (KC')	°C	20	25	32	35	40
	CFT	1.17	1.09	1.00	0.92	0.84

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Solo

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Workshop

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