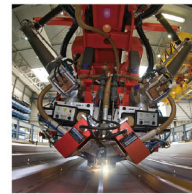
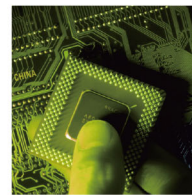
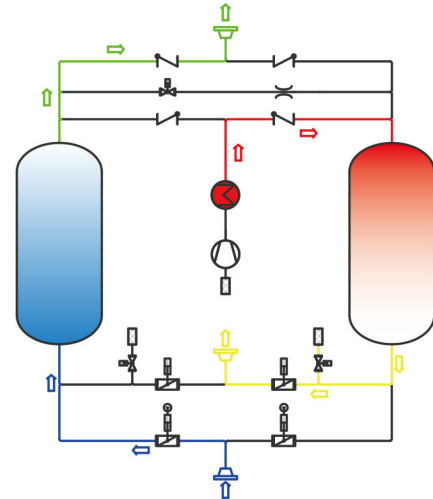
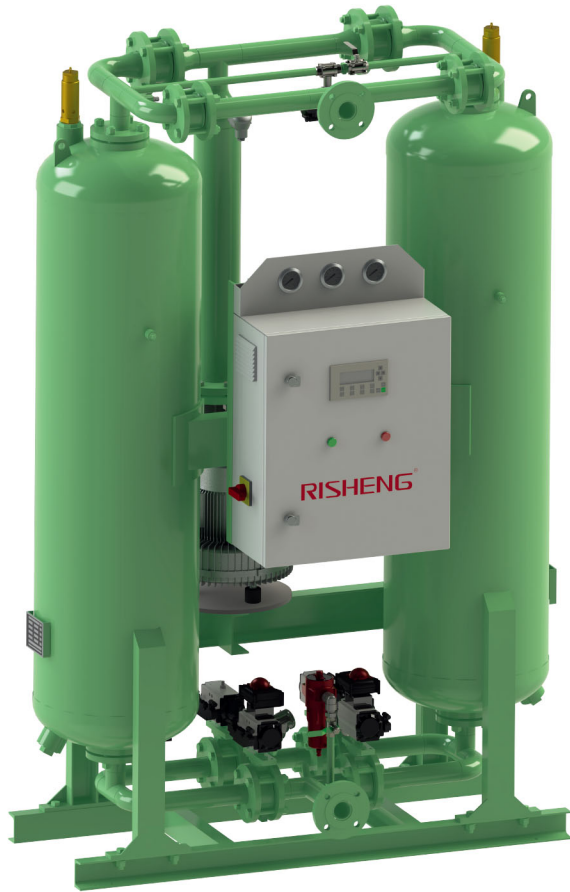


## RSXB Series Blower Purge Compressed Air Adsorption Dryer



### Technical Features

- Being configured with stainless steel diffusers at the inlet of adsorption tower, it makes uniform air distribution and prevents tunneling effect in the tower.
- With additional ceramic balls supporting at the bottom of adsorption tower, not only desiccant can be protected and get longer service life, but also air distribution is much more uniform.
- Customized high performance desiccant can assure best dew point.

All Adsorption dryers have passed latest CE safety certification.



- All dryers are configured with high performance pneumatic butterfly valves which are able to working at high temperature up to 230 °C and extremely reliable.
- Pneumatic control air comes with standard high efficiency filter as well as stainless steel pneumatic piping line, which can extend service life of control solenoid valves, and assure effective operation performance.
- Load Dependent Control System (LDCS) as standard, able to shorten the heating time under partial load, can greatly reduce energy consumption. Dew Point Operation System (DPOS) as optional, able to prolong adsorption time under partial load, can further reduce energy consumption greatly.

## RSXB Series Blower Purge Compressed Air Adsorption Dryer

### Technical Specifications

Model	Capacity		Installed Power kW	Demension mm			Weight kg	Air Connection	Recommended Pre-Filter Model	Recommended After-Filter Model
	m³/min	CFM		L	W	H				
RSXB-150	15	530	11.4	1602	1003	2299	1250	DN50	RSG-AA-0330G/V2	RSG-AR-0330G/V2
RSXB-180	18	636	20.5	1899	1102	2284	1400	DN65	RSG-AA-0330G/V2	RSG-AR-0330G/V2
RSXB-220	22	777	20.5	1959	1125	2458	1530	DN65	RSG-AA-0430G/V2	RSG-AR-0430G/V2
RSXB-250	25	883	20.5	2009	1160	2559	1715	DN65	RSG-AA-0430G/V2	RSG-AR-0430G/V2
RSXB-330	33	1165	23.5	2083	1261	2586	2100	DN80	RSG-AA-0620G/V2	RSG-AR-0620G/V2
RSXB-440	44	1554	34.5	2713	1248	2613	2690	DN100	RSG-AA-0830F/V2	RSG-AR-0830F/V2
RSXB-500	50	1766	42.0	2835	1355	2693	2980	DN100	RSG-AA-1000F/V2	RSG-AR-1000F/V2
RSXB-600	60	2119	42.0	2865	1341	2648	3390	DN100	RSG-AA-1000F/V2	RSG-AR-1000F/V2
RSXB-700	70	2472	57.5	2804	1673	2744	4190	DN125	RSG-AA-1200F/V2	RSG-AR-1200F/V2
RSXB-800	80	2825	57.5	2871	1673	2824	4600	DN125	RSG-AA-1300F/V2	RSG-AR-1300F/V2
RSXB-900	90	3178	86.5	3900	2189	2775	5800	DN150	RSG-AA-1950F/V2	RSG-AR-1950F/V2
RSXB-1000	100	3531	86.5	4230	2194	2872	6300	DN150	RSG-AA-1950F/V2	RSG-AR-1950F/V2
RSXB-1200	120	4237	107	4400	2204	2586	6800	DN150	RSG-AA-1950F/V2	RSG-AR-1950F/V2
RSXB-1500	150	5297	130	5016	2503	2947	9200	DN200	RSG-AA-2500F/V2	RSG-AR-2500F/V2
RSXB-2000	200	7062	165	5522	2543	3093	11700	DN200	RSG-AA-3250F/V2	RSG-AR-3250F/V2

#### Rated Conditions

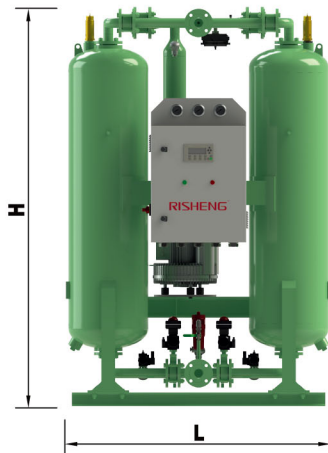
Working pressure : 0.7MPag / 100psig  
 Inlet temp : 38°C / 100°F  
 Ambient temp : 38°C / 100°F  
 PDP : -40°C / -40°F

#### Working Range

Max. working pressure : 1.0MPag / 145psig  
 Max. inlet temperature : 45°C / 113°F  
 Max. ambient temperature : 40°C / 104°F

#### Available Options

- Higher pressure above 1.0MPag / 145psig
- Zero purge from model 180
- PDP -20°C / -4°F and -70°C / -100°F
- Higher capacity
- Stainless steel vessel or piping
- GB,ASME,PED,etc. vessels



### Correction Factors

$$\text{Actual Capacity (m}^3\text{/min)} = \text{Nominal Capacity} \times \text{KA} \times \text{KB}$$

Working Pressure (KA)	Mpag	0.5	0.6	0.7	0.8	0.9	1.0
	psig	73	87	100	116	131	145
	CFP	0.75	0.87	1.00	1.13	1.25	1.37
Inlet Temperature (KB)	°C	35	38	40	42	45	
	°F	95	100	104	108	113	
	CFT	1.18	1.00	0.90	0.81	0.69	