

# Blower Purge Twin Towers Regenerative Air dryer

## Desiccant RDB Dryer Series

Model	Nominal Flow Rate at 7 barg and 38 <sup>o</sup> c	Dimension (mm)			Air Connection Size	Power Supply	Maximum Installation Power	Maximum Working Pressure	Recommended Pre-Filter Model	Recommended Post-Filter Model
	M <sup>3</sup> /Min	length	width	height			Kw	bar		
RDB - 150	15	1565	750	2570	DN50	380V/3Ph/50Hz	13	10	RPF-AA-330	RPF-AR-330
RDB - 180	18	1765	770	2610	DN65	380V/3Ph/50Hz	22	10	RPF-AA-330	RPF-AR-330
RDB - 220	22	1765	770	2610	DN65	380V/3Ph/50Hz	22	10	RPF-AA-430	RPF-AR-430
RDB - 250	25	1765	770	2610	DN80	380V/3Ph/50Hz	22	10	RPF-AA-430	RPF-AR-430
RDB - 330	33	1960	950	2870	DN80	380V/3Ph/50Hz	25	10	RPF-AA-620	RPF-AR-620
RDB - 440	44	2320	1410	2870	DN80	380V/3Ph/50Hz	36	10	RPF-AA-830	RPF-AR-830
RDB - 500	50	2320	1430	2870	DN100	380V/3Ph/50Hz	44	10	RPF-AA-1000	RPF-AR-1000
RDB - 600	60	2520	1530	3000	DN100	380V/3Ph/50Hz	44	10	RPF-AA-1000	RPF-AR-1000
RDB-700	70	2720	1530	3000	DN125	380V/3Ph/50Hz	60	10	RPF-AA-1200	RPF-AR-1200
RDB-800	80	2720	1530	3000	DN125	380V/3Ph/50Hz	60	10	RPF-AA-1300	RPF-AR-1300
RDB-900	90	4000	1750	3000	DN150	380V/3Ph/50Hz	89	10	RPF-AA-1950	RPF-AR-1950
RDB-1000	100	4000	1750	3000	DN150	380V/3Ph/50Hz	89	10	RPF-AA-1950	RPF-AR-1950
RDB-1200	120	4050	1750	3000	DN150	380V/3Ph/50Hz	110	10	RPF-AA-1950	RPF-AR-1950
RDB-1500	150	5400	2100	3010	DN200	380V/3Ph/50Hz	135	10	RPF-AA-2500	RPF-AR-2500
RDB-2000	200	5500	2100	3030	DN200	380V/3Ph/50Hz	170	10	RPF-AA-3250	RPF-AR-3250

Desiccant media type : Activated Alumina , Molecular Sieves

**Correction Factors**    Actual Capacity (m<sup>3</sup>/min) = Nominal Capacity × F1 × F2

Working Pressure (F1)	barg	5	6	7	8	9	10
	CFP	0.75	0.87	1	1.13	1.25	1.38
Inlet Temperature (F2)	°C	35	38	40	42	45	
	CFT	1.18	1	0.9	0.81	0.69	

### Rated Conditions

Working pressure : 7barg  
 Inlet temp : 38 °C  
 Ambient temp : 38°C  
 PDP : -40 °C

### Working Range

Max. working pressure : 10 barg  
 Max. inlet temperature : 50 °C

### Available

Dewpoint : customer selectable and ISO 8573-2010 ( Class 1,2,3 ) are available.