

# Heatless Twin Towers Regenerative Air dryer

## Desiccant RDC 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						
RDC - 20	2	900	500	1700	Rc1"	220V/1Ph/50Hz	0.4	10	RPF-AA-58	RPF-AR-58
RDC - 30	3	1000	500	1600	Rc1"	220V/1Ph/50Hz	0.4	10	RPF-AA-58	RPF-AR-58
RDC - 60	6	1000	500	2000	DN40	220V/1Ph/50Hz	0.4	10	RPF-AA-145	RPF-AR-145
RDC - 80	8	1000	500	2000	DN40	220V/1Ph/50Hz	0.4	10	RPF-AA-145	RPF-AR-145
RDC - 100	10	1100	700	2200	DN50	220V/1Ph/50Hz	0.4	10	RPF-AA-220	RPF-AR-220
RDC - 120	12	1200	750	2200	DN50	220V/1Ph/50Hz	0.4	10	RPF-AA-220	RPF-AR-220
RDC - 150	15	1400	750	2300	DN50	220V/1Ph/50Hz	0.4	10	RPF-AA-330	RPF-AR-330
RDC - 200	20	1500	850	2450	DN65	220V/1Ph/50Hz	0.4	10	RPF-AA-330	RPF-AR-330
RDC - 250	25	1700	900	2700	DN65	220V/1Ph/50Hz	0.4	10	RPF-AA-430	RPF-AR-430
RDC - 300	30	1850	900	2750	DN80	220V/1Ph/50Hz	0.4	10	RPF-AA-620	RPF-AR-620
RDC - 350	35	1850	900	2750	DN80	220V/1Ph/50Hz	0.4	10	RPF-AA-620	RPF-AR-620
RDC - 400	40	1900	1000	2750	DN80	220V/1Ph/50Hz	0.4	10	RPF-AA-620	RPF-AR-620
RDC - 500	50	1950	1100	2800	DN100	220V/1Ph/50Hz	0.4	10	RPF-AA-830	RPF-AR-830
RDC - 600	60	2100	1500	3000	DN100	220V/1Ph/50Hz	0.4	10	RPF-AA-1000	RPF-AR-1000

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	0.87	0.94	1	1.06	1.12	1.17
Inlet Temperature (F2)	°C	35	38	40	42	45	50
	CFT	1.18	1	0.9	0.81	0.69	0.58

### 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.