

Heatless Regenerative Desiccant Air Dryer

Brand: Apureda Air Dryer

Product Code: Desiccant Air Dryer

Availability: In Stock

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

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Short Description

[Heatless Regenerative Desiccant Air Dryer](#)

Description

The working principle of heatless regenerative desiccant air dryer is taking the theory of Pressure Change Adsorption. The desiccant absorbs moisture of compressed air under the pipe network's pressure, then adsorption under the atmosphere pressure. Retrieving some dry air

from the outlet of dryer to dehydrate the desiccant, adsorption in one tank and desorption in the other tank, two tanks work alternately and re-cycle, so the clean and dry compressed air will be supplied continually.



Working Condition & Parameters

Air inlet Temp.: 2?45?

Dew point pressure: -20?-40?

Working pressure: 0.6-0.95MPa

Regenerative air capacity: ?14%

Inlet air oil content: ?0.1PPM

Controls: computer-control

Desiccant: activated alumina

Installation method: indoor, anchor bolt installation

SPECIFICATION

Model	Flow rate	Dimension mm			Inlet/Outlet	Power	Weight
	(m3/min)	L	W	H	Size	Supply	?kg?
CGDN-1	1.2	600	540	1680	R1/2	220V 50Hz SINGLE PHASE	78
CGDN-2	2.3	739	700	1660	R3/4		150
CGDN-3	3.6	739	700	1906	R1-1/4		235
CGDN-5	5.2	900	885	1880	R1-1/2		275
CGDN-6	6.5	950	925	1760	R1-1/2		336
CGDN-8	8.5	1024	1000	1845	DN50		375
CGDN-10	11	1024	1000	1995	DN50		420
CGDN-13	13.5	1024	1000	2320	DN50		480
CGDN-15	17	1200	1000	2180	DN65		560
CGDN-20	22	1332	1200	2345	DN65		740
CGDN-25	27	1332	1200	2345	DN80		740
CGDN-30	32	1382	1200	2152	DN80		900
CGDN-35	37	1466	1200	2370	DN80		1140

CGDN-40	45	1633	1370	2464	DN80	1450
CGDN-50	55	1730	1400	2684	DN100	1800
CGDN-60	65	1936	1400	2670	DN125	2180
CGDN-85	85	2136	1500	2737	DN125	2500
CGDN-110	110	2440	1850	2912	DN150	3200
CGDN-130	130	3360	1960	2950	DN150	3500
CGDN-160	160	3360	1960	3100	DN150	4600
CGDN-190	190	3360	2060	3200	DN200	5500
CGDN-220	220	3146	2540	3490	DN200	6900