

Product Spotlight



Desiccant Dehumidifier

CFM(Process Air): 100 to 2000

Sabro technologies is a wholly owned subsidiary of **Sabro group Pvt., Ltd.**, specializing in research, development and manufacturing of **Desiccant Rotor based Dehumidification systems**. The company sells desiccant dehumidifiers with optimum performance quality(RELATIVE HUMIDITY) as per specific requirement at installation space.

Adhering to the principle of integrity, innovation and excellence, the company constantly creates new products every year according to the market demands. Sabro-make Desiccant dehumidifiers have the features of high energy efficiency ratio, high reliability, high efficiency, and high automation etc., which continues to lead the domestic refrigeration energy industry, opening a new era of high efficiency desiccant type of products.



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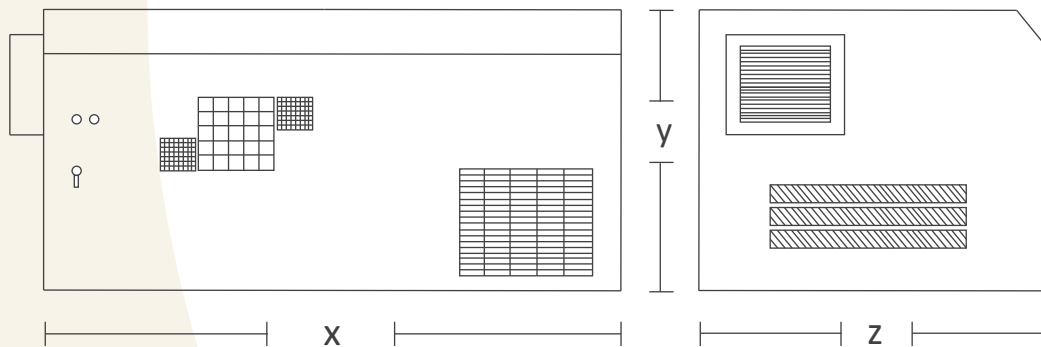


The DHF desiccant dehumidifier is designed to efficiently dehumidify air in low moisture applications. DHF series dehumidifier is equipped with internally sealed desiccant rotor unit, the rotor contains isolated sections that provide precise balance for process (moisture adsorption) air and reactivation air flow. The casing is made with heavy gauge galvanized steel sheets. All sheet metal parts are finished with electrostatic backed powder paint resulting excellent corrosion resistance which ensures long life of the unit. The unit is factory assembled internally wired, operationally tested at factory before dispatch. The unit is ready for field operation after necessary duct work and electrical field wiring. The DHF dehumidifier can be installed at any suitable location inside or outside the building such as, at floor, with ceiling & concealed installation.



Description		DHF 100	DHF200	DHF 400	DHF 600	DHF 900	DHF 1200
Process air							
Air flow rate	Lit/sec	47.2	94.4	189	283	424	566
(Standard)	M3/h	170	340	680	1020	1529	2038
	CFM	100	200	400	600	900	1200
Fan external	Pa	150	150	200	200	200	200
static pr. (ESP)	In H2O	0.6	0.6	0.8	0.8	0.8	0.8
Process fan motor power KW		0.11	0.11	0.37	0.55	1.1	1.5
Motor winding insulation class		F	F	F	F	F	F
Reactivation air							
Air flow rate	Lit/sec	16	28	59	95	142	193
(Standard)	M3/h	56	102	212	340	510	695
	CFM	33	60	125	200	300	409
Fan external	Pa	100	100	150	150	150	150
Static pr. (ESP)	In H2O	0.4	0.4	0.6	0.6	0.6	0.6
Process fan motor power KW		0.09	0.09	0.11	0.37	0.55	0.75
Motor winding insulation class		F	F	F	F	F	F
Reactivation heater							
Heater power	KW	1.9	3.5	7.5	12	16	22
Air temperature rise °F (°C)		182(83)	184 (84)	189 (87)	189 (87)	189 (87)	184 (84)
Electrical data							
Total power	KW	2.11	3.71	8.0	12.94	17.7	24.2
Voltage supply		220-1-50HZ			380-415-3- 50-HZ		
Air filter							
Filter class Eu3 grade leak tight filter							
Dimensions	Height	500	500	500	550	580	600
(MM)	Width	914	965	1016	1040	1143	1219
	Depth	610	635	685	725	790	865
Weight (APP)	KG	47	58	80	110	165	182

Dimensions(mm)



Dimensions (mm)	DHF 100	DHF 200	DHF 400	DHF 600	DHF 900	DHF 1200
Height (y)	500	500	500	550	580	600
Width (x)	914	965	1016	1040	1143	1219
Depth (z)	610	635	685	725	790	865

IMPORTANT NOTE:

DHF 1500, DHF 1800 & DHF 2000 are available on Customer's Demand



Inspired By The Stimulus to Grow through Knowledge, interlaced with the zeal and sheer commitment, of an enthusiastic team and Gripped by the Obsession of Three Brothers of turning the dream into reality, Sabro has evolved, grown and expanded since its inception in 1969.

It was the fruit of commitment, hope and hard work that enabled us to be the pioneers of HVAC manufacturing in Pakistan, exporting to over 22 countries, encapsulating 3 continents. We now thrive as an agile manufacturer for a complete range of HVAC manufacture including Chillers, Self-Contained units, Air-Side Equipment, Mini Split Units & a menagerie of customised HVAC manufacture tailored to suit every HVAC requirement of the customer.

For over five decades, Sabro has been a trusted brand name that has exceeded expectations nationwide & internationally, catering to the needs of both domestic as well international customers.

2014: Obtained BS EN ISO 9001:2008

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Since 1969

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