



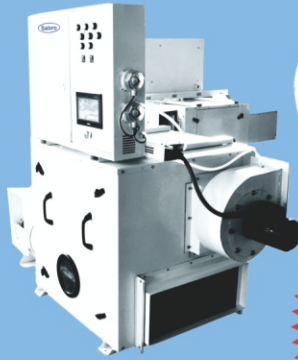
DHF MODELS SERIES DESICCANT DEHUMIDIFIER

Excellence
by Design

End-to-End Solutions in Air Treatment

Dessik

Desiccant Dehumidifier
for Low-moisture
Environments



Incorporating high performance, **EGG DRY™** metal silicate fluted desiccant synthesized rotor's

WE ARE

The Premier & Largest Manufacturer of Desiccant Based De-humidification Systems in //PAKISTAN//



Transformation to SMART DEHUMIDIFICATION

With DESICCANT WHEEL/ROTOR

Wide Range of Applications

Processin-Production Storage

- Candy & Confectioneries
- Dairy Production
- Food Processing
- Investment Casting
- Laboratories
- Pharmaceuticals
- Safety Glass
- Spray Drying
- Film & Magnetic Media
- Military Hrdware
- Metal Components
- Electrode
- Seeds
- Sugar
- Tea / Coffee
- Turbine

Packaging

- Cereal
- Chemical-Fertilizers
- Chips-Snack Food
- Candy & Confectionery
- Dairy Products
- Leather
- Spices
- Tea / Coffee



Major Applications

- Pharmaceuticals
- Hospitals
- Food Industry

SABRO DELIVERS

- ◆ A solid foundation for **DE-HUMIDIFICATION** With state-of-the-art technology.
- ◆ Diverse **APPLICATIONS** UP Grade your manufacturing process.
- ◆ UnLimited **CUSTOMIZATION** At Limited cost.

TRUST THE AIRXPERTS



TEMPERATURE control

HUMIDITY control

CO₂ free envions

AIR VELOCITY control

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Specifications

Description		DHF 100	DHF200	DHF 400	DHF 600	DHF 900	DHF 1200
Process air							
Air flow rate (Standard)	Lit/sec	47.2	94.4	172	283	423	565
	M3/h	170	310	620	1020	1525	2033
	CFM	100	182	365	600	900	1200
Fan external static pr. (ESP)	Pa	150	150	200	200	200	200
	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 (Standard)	Lit/sec	16	28	59	95	142	193
	M3/h	56	102	212	340	510	695
	CFM	33	60	125	200	300	409
Fan external Static pr. (ESP)	Pa	100	100	150	150	150	150
	In H2O	0.4	0.4	0.6	0.6	0.6	0.6
Reactivation 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 (MM)	Height	500	500	500	550	580	600
	Width	914	965	1016	1040	1143	1219
	Depth	610	635	685	725	790	865
Weight (APPROX.)	KG	47	58	80	110	165	182

ON DEMAND, Larger Capacities(up to 12000CFM of process air) Models are Available