



Desiccant DEHUMIDIFIERS



Swift Desiccant (adsorption) Dehumidifiers

are most effective in applications where low temperatures, low humidity levels, and/or a high sensitivity to humidity fluctuations are present. They excel in environments where traditional refrigerant-based dehumidifiers struggle, such as colder climates or spaces requiring very low humidity levels.

Cannabis cultivation



Cold storage



Features

- Working life is three time longer when compared to refrigerant dehumidifiers
- Operates well in low dew point environments (working ambient temperature range -10 – 55 °C)
- The silica gel adsorption wheel is washable and recyclable
- Depending on the model, humidity levels of below 10% can be obtained
- Cannot be connected to or operated with external controllers
- Unit is as standard fitted with a built-in controller and RH sensor
- Precise control of humidity range – built-in humidity sensor
- Can be used in automatic or manual mode to control room humidity
- 24-hour timer control

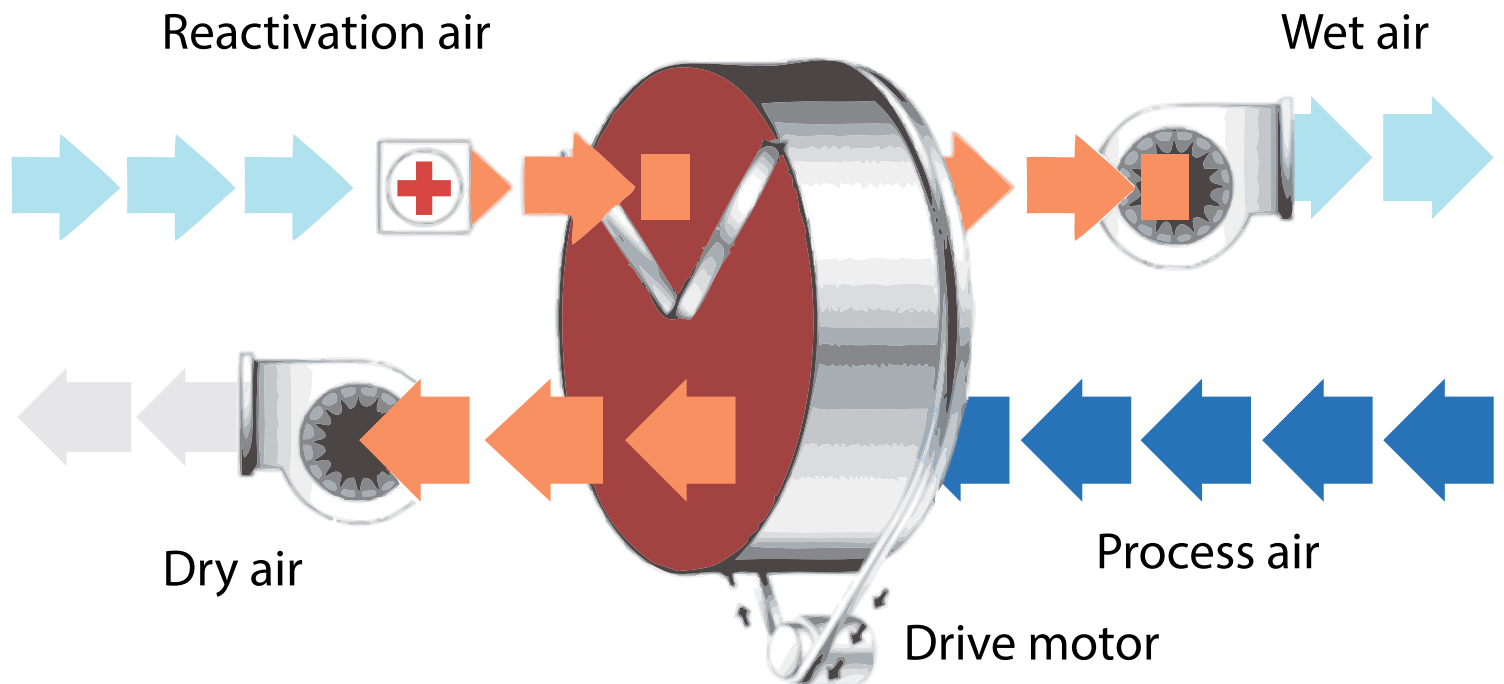


Desiccant dehumidifier control panel

Precision instrument laboratory



Desiccant rotor principle



Applications

- Military equipment manufacturing and storage
- Precision instrument laboratory
- Wind power equipment
- Cannabis cultivation
- Pharmaceutical
- Cold storage

Pharmaceutical



Military equipment manufacturing & storage



Desiccant dehumidifiers technical specifications

Model	CFWDF-12.5	CFWDF-15.6	CFWDF-48	CFWDF-72	CFWDF-108	CFWDF-180	CFWDF-240	CFWDF-456
Power supply (V / ~ / Hz)	220 / 1 / 50	220 / 1 / 50	220 / 1 / 50	220 / 1 / 50	380 / 3 / 50	380 / 3 / 50	380 / 3 / 50	380 / 3 / 50
Capacity (litres/h or litres/day @ 20 °C, 60% RH)	0.52 / 12.5	0.65 / 15.6	2 / 48	3 / 72	4.5 / 108	7.5 / 180	10 / 240	19 / 456
Rated power (kW)	0.69	0.73	2	4.5	7	11	15	30
Rated current (A)	3.13	3.4	9	20	14	18	26	50
Process airflow (m³/h)	93	198	320	580	750	1100	1550	3000
Reactivation airflow (m³/h)	30	60	110	200	250	400	580	1100
Operating temperature range (°C)	-10 – +55	-10 – +55	-10 – +55	-10 – +55	-10 – +55	-10 – +55	-10 – +55	-10 – +55
Process air inlet (ø mm)	100	150	125 x 2	125 x 2	200 x 2	200 x 2	250 x 2	522 x 286 / 400
Reactivation air inlet (ø mm)	75	75	80 x 2	100 x 2	125 x 2	150 x 2	160 x 2	200 x 2
Cabinet size (L x W x H mm)	446 x 261 x 373	513 x 298 x 392	680 x 425 x 400	585 x 420 x 866	1090 x 600 x 671	875 x 640 x 1232	880 x 678 x 1238	1312 x 856 x 1300
Packing size (L x W x H mm)	610 x 433 x 573	610 x 433 x 573	760 x 510 x 560	670 x 500 x 1040	1155 x 610 x 815	998 x 800 x 1410	998 x 800 x 1410	1400 x 940 x 1470
Net weight / gross weight (kg)	12.5 / 21.2	14.5 / 23	35 / 45	58 / 68	90 / 102	160 / 171	180 / 202	315 / 337
Information provided in this brochure was correct at the time of printing. However, due to continuous efforts to improve our products, CFW reserves the right to make changes without notice. Please check with your sales representative for the latest information before designing your system.								

Legend example: **CFWDF-12.5 D** = Desiccant dehumidifier; **F** = Floor standing; **12.5** = litres/day

Customer Service: WhatsApp: +27 83 501 6535 | fanshop@cfw.co.za

CAPE TOWN

+27 (0) 21 931 8331
3 Parin Road, Parow Industria
PO Box 1542, Parow 7499

JOHANNESBURG

+27 (0) 11 452 5830/3/4
4 Chilworth Road, Founders View North
Modderfontein, Johannesburg

GQEBERHA (PE)

+27 (0) 83 301 6357
52 Louis Botha Crescent
Summerstrand, Gqeberha

