

General Characteristics of DesiccantFalcon Desiccant Dehumidifier

The VentDepot DesiccantFalcon is a large desiccant dehumidifier. It incorporates a high capacity resistive heater ensuring maximum drying capacity. Operates from -4°F (-20°C) to 104°F (40°C). The VentDepot DesiccantFalcon incorporates two EC fans with variable speed allowing the unit to be easily installed, and commissioned in a wide variety of installations. Its electronic thermostat allows the user to select the desired drying level, high efficiency drying, or high extraction. The DesiccantFalcon has the facility for an external humidistat that allows remote control of the drying cycle. This design incorporates an 82% active Silica Gel to ensure optimum performance over the equipment's wide operating range of environments. The EC High Efficiency Forward Curve Fans have infinite variable speeds.

Applications of DesiccantFalcon Desiccant Dehumidifier

The VentDepot DesiccantFalcon is required wherever there is a need to lower the humidity level to prevent corrosion, mold growth and condensation or maintain a low humidity condition during manufacture, packaging or storing of hygroscopic products. The DesiccantFalcon is an ideal unit for Offices Paper Storage, Libraries, Shops, Restaurants, Warehouses, Basements, Factories, De-Flooding, Pharmaceutical, Defense Industry, Confectionary, Laboratories, Medical and Food Industry, Agriculture, Cold Stores, Hospitals, Hotels, Stadiums, Ships.

Warranty of DesiccantFalcon Desiccant Dehumidifier

The DesiccantFalcon have a 1 year limited manufacturer's warranty.



Specific Characteristics of DesiccantFalcon Desiccant Dehumidifier

VentDepot Item #	Manufacturer #	Covers Area	Water Removal Capacity per 24 hours				Process Airflow Nominal Dry Air			Process Airflow Nominal Wet Air			Volts V	Phase Ph	Hertz Hz	Amps A	kW	Rotor Wheel Speed (RPH)	Shipping Weight and Dimensions with Packaging	
			Sq. Feet	Pint ppd	Gallons Per day	Liters Per Day	m ³ /h	CFM	Duct Ø In	m ³ /h	CFM	Duct Ø In							lbs.	L,W,H In.
USDNF-001	10550GR-US DD700	3800	231	29	109	1500	883	8	161	95	6	220	3	60	16	6	14	380	32,48,27	
USDNF-002	10551GR-US DD700	3800	231	29	109	1500	883	8	161	95	6	460	3	60	8	6	14	380	32,48,27	
USDNF-003	10520GR-US DD900	6000	364	46	172	1500	883	8	250	147	6	220	3	60	20	8	14	395	32,55,26	
USDNF-004	10521GR-US DD900	6000	364	46	172	1500	883	8	250	147	6	460	3	60	10	8	14	395	32,55,26	
USDNF-005	10540GR-US DD1200	9275	562	70	266	1500	883	8	331	195	6	220	3	60	30	12	14	475	32,63,27	
USDNF-006	10541GR-US DD1200	9275	562	70	266	1500	883	8	331	195	6	460	3	60	15	12	14	475	32,63,27	



Product Applications of DesiccantFalcon Desiccant Dehumidifier

Offices	√	Laboratories	√
Shops	√	Medical Industry	√
Restaurants	√	Food Industry	√
Warehouse	√	Agriculture	√
Basements	√	Cold Stores	√
Factories	√	Hospitals	√
De-Flooding	√	Hotels	√
Pharmaceutical	√	Stadiums	√
Defense Industry	√	Ships / Barges	√

Features of DesiccantFalcon Desiccant Dehumidifier

On/Off Control	√	Process / Regen Air Filter	√
Adjustable Thermostat	√	Rubber Anti-Vibration Feet	√
Electronic Controls	√	Dual Air Inlet Design	√
Manual / Automatic Mode Selection	√	Free Standing	√
Remote Humidity Sensor Facility	√	Status Indicators	√
Hours Run Meter	√	Self-Contained	√
EC High Efficiency Fans	√	Stainless Steel Construction	O
Variable Fan Speeds	√	Inlet Duct Attachments	O
High Capacity PTC Heaters	√	High Temperature Safety Cut-outs	√

Dimensions of DesiccantFalcon Desiccant Dehumidifier

Item#	Ebac Model No.	Actual Weight Lbs	Size A	Size B	Size C
USDNF-001	10550GR-US DD700	170	40"	28"	23"
USDNF-002	10551GR-US DD700	170	40"	28"	23"
USDNF-003	10520GR-US DD900	198	48"	28"	23"
USDNF-004	10521GR-US DD900	198	48"	28"	23"
USDNF-005	10540GR-US DD1200	200	56"	28"	23"
USDNF-006	10541GR-US DD1200	200	56"	28"	23"





