

DRYCLIMATE

DESICCANT DEHUMIDIFIER SERIES

*Industrial Quality,
at a Commercial Price.*



Climate by Design
INTERNATIONAL

DRYCLIMATE[®]

SERIES

FEATURES

- Industry leading 7 year rotor and cassette warranty
- Optimized reactivation energy control
- Rotor media and seals rated for 87,600 hours
- Industrial chain drive
- PLC controls with interface
- Chilled water or DX cooling coil modules
- Compact design
- Indoor/outdoor installation
- Double-walled stainless steel construction
- Electric or gas reactivation



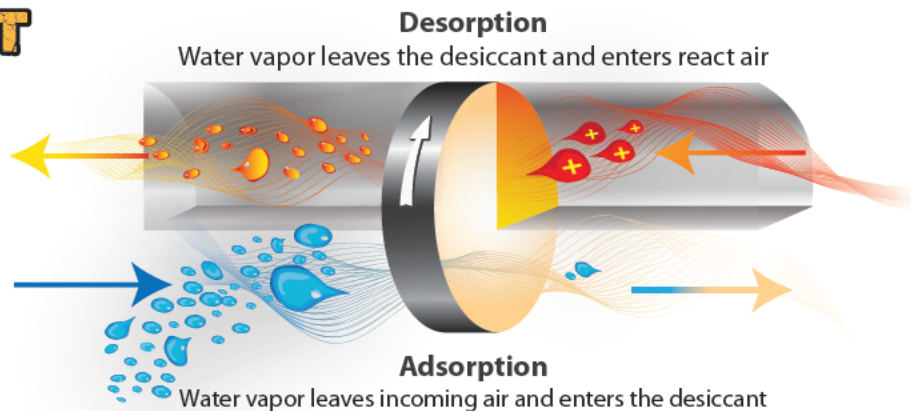
APPLICATIONS





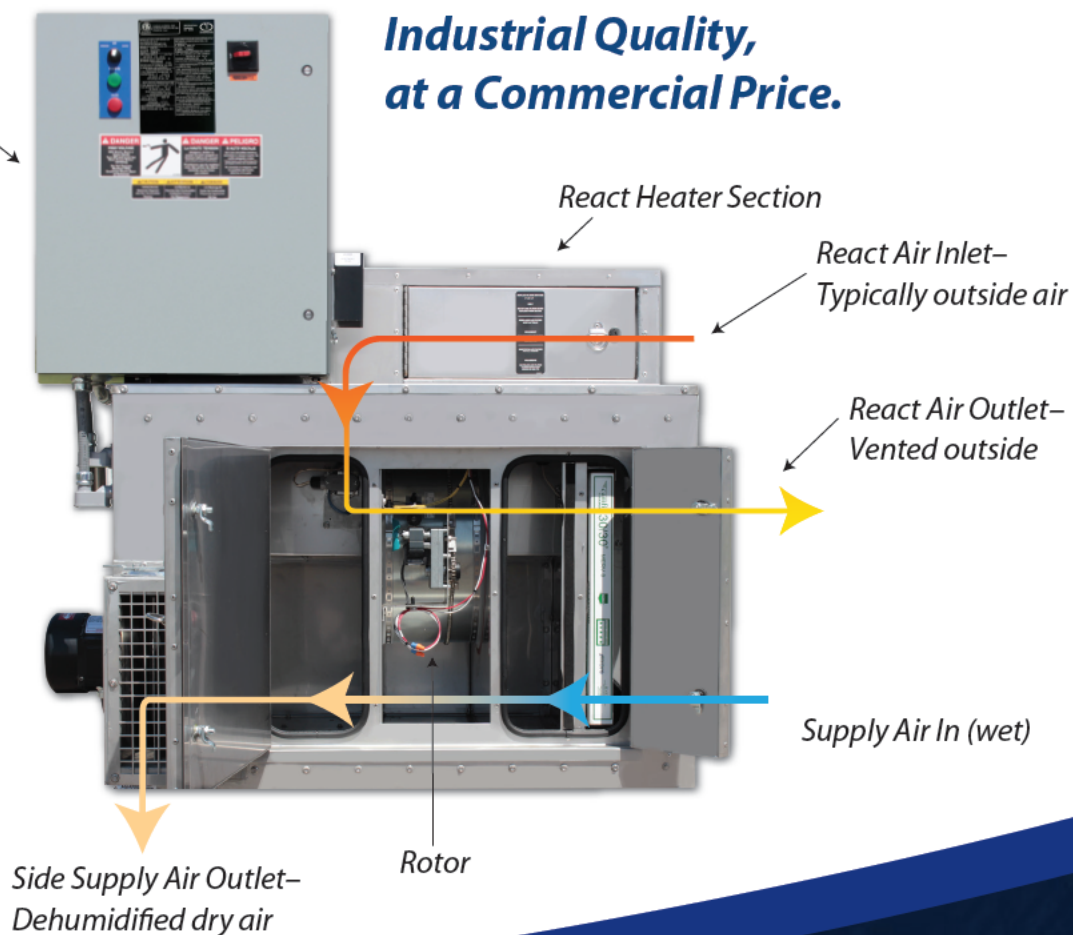
ACTIVE DESICCANT TECHNOLOGY

Provides 40°F + dew point reduction
as both adsorption and desorption are
simultaneously driven by water vapor
equilibrium of air and desiccant.



Unit or
Remote Mount
Control Panel

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at a Commercial Price.**



Reactivation Type and Voltages Available

Reactivation & Voltage Options

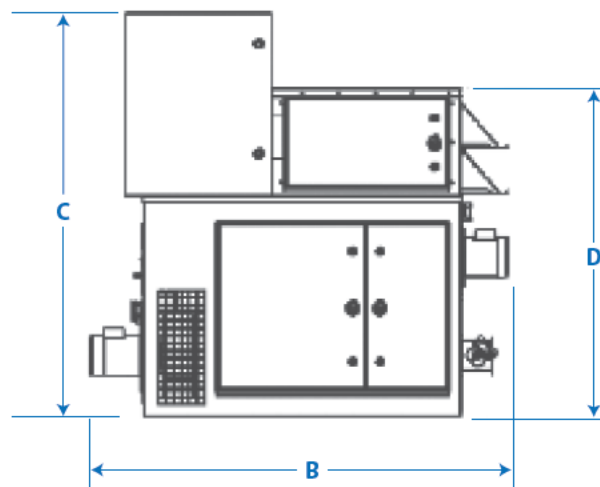
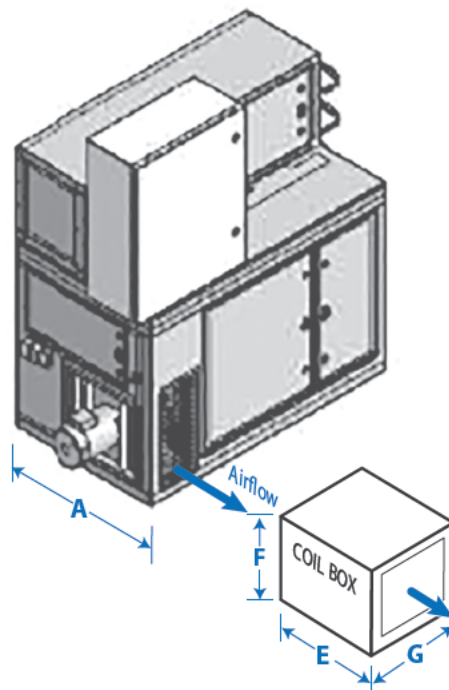
Dry Climate Model	Electric React				Gas React		
	208V/3PH	230V/3PH	460V/3PH	575V/3PH	208V/3PH	230V/3PH	460V/3PH
DC-500	✓	✓	✓				
DC-750	✓	✓	✓				
DC-1000	✓	✓	✓	✓	✓	✓	✓
DC-1500		✓	✓	✓	✓	✓	✓
DC-1750			✓	✓	✓	✓	✓
DC-2250			✓	✓	✓	✓	✓

Technical Specifications

Dry Climate Model	Process Air Data		Reactivation Air Data		Moisture Removal
	Air Volume [CFM]	ESP [in W.C.]	Air Volume [CFM]	ESP [in W.C.]	*[lb-H ₂ O/hr]
DC-500	500	2.8	125	1.8	15.9
DC-750	750	1.5	200	0.9	22.6
DC-1000	1,000	2.1	250	1.3	31.5
DC-1500	1,500	1.9	375	2.2	42.9
DC-1750	1,750	2.1	450	1.9	53.9
DC-2250	2,250	2.0	575	1.2	64.5

Dry Climate Model	Unit Physical Data					Coil Box		
	Weight (lbs)	A	B	C	D	E	F	G
DC-500	625	28.0	58.0	63.0	42.0	34	18.5	32
DC-750	625	28.0	58.0	63.0	42.0	34	18.5	38
DC-1000	850	30.5	68.5	67.0	53.5	34	24.5	38
DC-1500	850	30.5	68.5	67.0	53.5	34	30.5	38
DC-1750	1,100	32.0	72.5	70.0	58.0	34	30.5	42
DC-2250	1,100	32.0	72.5	70.0	58.0	34	30.5	50

*NOTES: Fans rated at actual operating conditions. Moisture removal rate based on 75 deg F and 100 gr/lb.



Continual engineering and research for product improvement may result in design and specification changes.
Consult factory for certified technical data.

