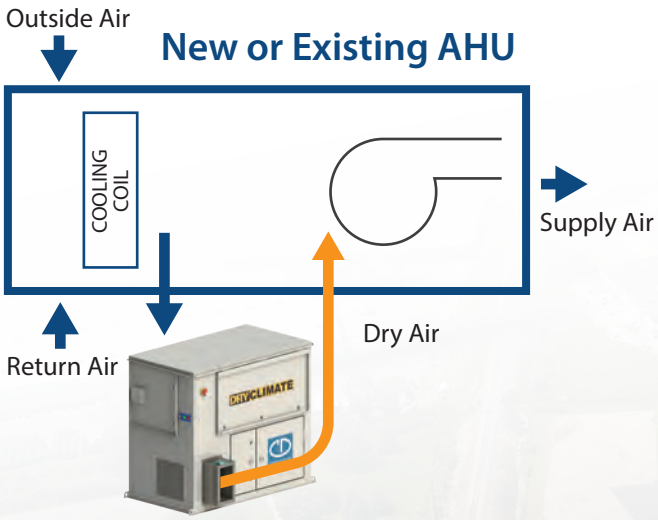
DRYCLIMATE® MANUFACTURING APPLICATIONS

Test and Dry Rooms

Composite Assembly

Parts Storage



Side (Slip) Streaming with AHU

- When HVAC equipment, existing or in-design, can't reach desired moisture control level, the CDI solution is to slip stream the Dry Climate unit with the air handler.
- Use efficient AHU Pre-cooled coil leaving condition.
- Simply duct the appropriate portion of the pre-cooled air independently and dry it to provide the desired mixed air results.
- The control can be as simple as on/off.

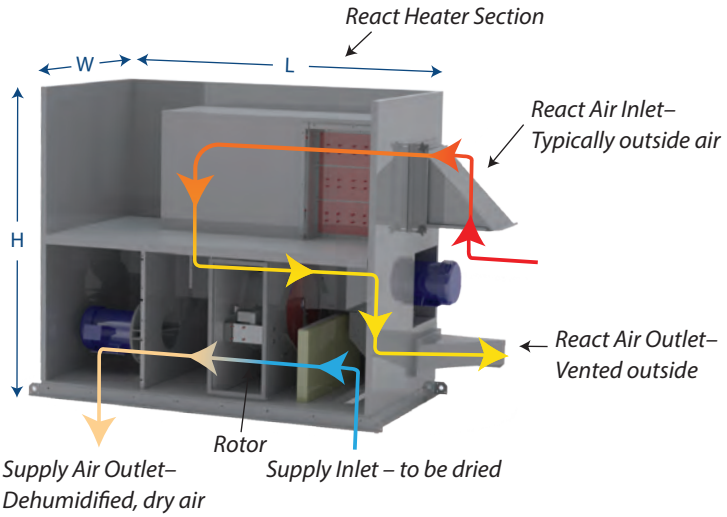
Climate by Design INTERNATIONAL

CDI creates the climate you need to achieve your critical mission.

DRY CLIMATE

Reactivation Type and Voltages Available

Product	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

	Process Air Data		Reactivation Air Data		Moisture Removal [1]		Unit Physical Data[4]			
	Air Volume (CFM)	ESP (in W.C.)	Air Volume (CFM)	ESP (in W.C.)	Inlet Condition 1 [2] (lb-H_2O/hr)	Inlet Condition 2 [3] (lb-H_2O/hr)	L (in.)	W (in.)	H (in.)	W (lbs.)
DC-500	500	2.8	125	1.8	13.0	10.1	61.5	33.75	51.0	875
DC-750	750	1.5	200	0.9	15.8	12.2	61.5	33.75	51.0	875
DC-1000	1,000	2.1	250	1.3	25.6	19.8	74.5	33.75	61.0	1,120
DC-1500	1,500	1.9	375	2.2	31.0	24.1	74.5	33.75	61.0	1,120
DC-1750	1,750	2.1	450	1.9	41.5	32.2	74.5	33.75	61.0	1,120
DC-2250	2,250	2.0	575	1.2	46.2	35.6	74.5	33.75	61.0	1,120

[1] *Fans rated at standard operating conditions.*
[2] *Moisture Removal rate based on inlet conditions of 70°F db and 45% RH.*
[3] *Moisture Removal rate based on inlet conditions of 70°F db and 35% RH.*
[4] *Actual weights and dimensions to be done during quotation and submittal.*

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

From big to small, we build it all!

If your application needs exceed Dry Climate,
CDI also offers large capacity and custom products ranging from 2,000 - 47,000 CFM.

Climate by Design INTERNATIONAL

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