



Test and Dry Rooms



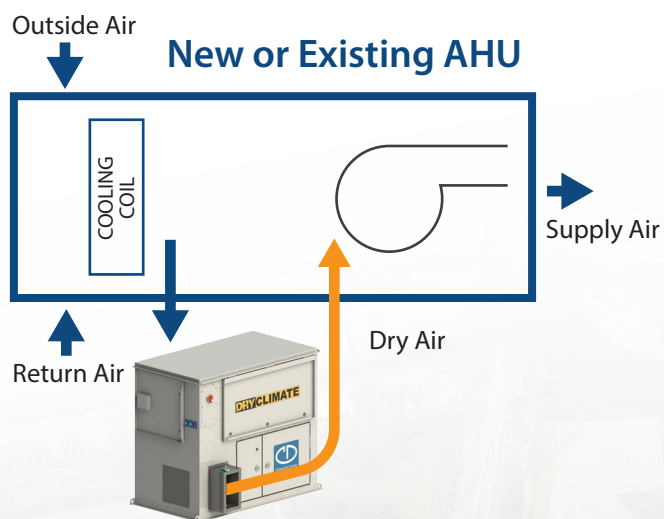
Composite Assembly



Parts Storage

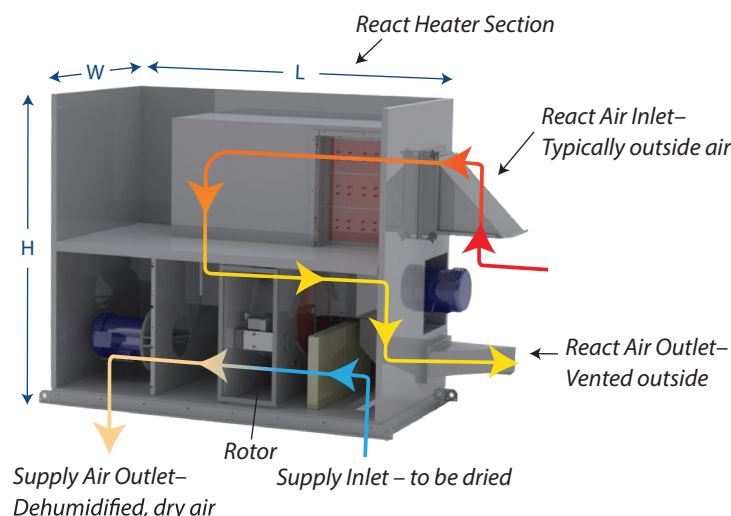
Side (Slip) Streaming with AHU

- 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.



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 ⁽³⁾ | | | |
|---------|------------------|---------------|-----------------------|---------------|---|-----------------------------------|---------|---------|----------|
| | Air Volume (CFM) | ESP (in W.C.) | Air Volume (CFM) | ESP (in W.C.) | Inlet Condition ⁽²⁾ (lb-H ₂ O/hr) | L (in.) | W (in.) | H (in.) | W (lbs.) |
| DC-500 | 500 | 2.8 | 125 | 1.8 | 15.9 | 61.5 | 33.75 | 51.0 | 875 |
| DC-750 | 750 | 1.5 | 200 | 0.9 | 22.6 | 61.5 | 33.75 | 51.0 | 875 |
| DC-1000 | 1,000 | 2.1 | 250 | 1.3 | 31.5 | 74.5 | 33.75 | 61.0 | 1,120 |
| DC-1500 | 1,500 | 1.9 | 375 | 2.2 | 42.9 | 74.5 | 33.75 | 61.0 | 1,120 |
| DC-1750 | 1,750 | 2.1 | 450 | 1.9 | 53.9 | 74.5 | 33.75 | 61.0 | 1,120 |
| DC-2250 | 2,250 | 2.0 | 575 | 1.2 | 64.5 | 74.5 | 33.75 | 61.0 | 1,120 |

⁽¹⁾ Fans rated at standard operating conditions.

⁽²⁾ Moisture Removal rate based on inlet conditions of 75°F and 100 gr/lb.

⁽³⁾ Actual weights and dimensions to be provided at time of 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.