

## Dry Air Conveyed Material

### **Limitation: Moisture Causing Process or Product Failures**

Conveying moisture absorbing product with air can result in off spec product or plugged lines if the air is humid. Powders, pellets and fibers that absorb or adsorb moisture may experience problems when transferred or conveyed with humid air. Plugged conveyor tubes or off-spec product can be the result of humid air supplied to process fans or blowers.

### **Solution:**

Subcooled Air delivers 40°F dew point air to controlled spaces or air streams. This air condition is the same as a crisp Spring or Fall day. Thermostat controlled reheat provides supply air temperature of up to 85°F. During the day, when temperatures are hot, cold 40 °F dew point air can be delivered. Dehumidified supply air at 85°F and 40°F dew point can also be delivered if lower relative humidity is required.

High performance and low power requirements are standard features of Subcooled Air equipment.



### **Benefits:**

- **Lower dehumidification operating costs by up to 75%**
- **Sturdy, reliable equipment**
- **40°F supply air dew point**
- **40°F to 85°F supply air temperature**

For an engineered review of your application, or to learn more about Subcooled Air, visit [www.subcooled.com](http://www.subcooled.com), contact our staff in Houston, TX at 713-201-1478 or send us an email to [tomd@subcooled.com](mailto:tomd@subcooled.com).