

Dry Cooling

Limitation: Moisture Causing Product Failures

Cooling moisture absorbing product with air can result in off spec product if the air is humid. Food items become clumped or sticky, electronics and metals oxidize or rust, powders or pharmaceuticals absorb or adsorb moisture. Moist air surrounding or cooling your product may be the cause of production or storage problems.

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. During the day, when temperatures are hot, cold 40 °F dew point air is delivered. Dehumidified supply air at 40°F dew point can be delivered at night to remove moisture from that day's work.

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, contact our staff in Houston, TX at 713-201-1478 or send us an email to tomd@subcooled.com.