

## Tobacco Curing with Waterless Wet Bulb

### Wet Bulb Measurement Without Water

We use solid state sensors which do not require a water supply. If you have ever had a wet bulb wick dry out or get dirty, causing false readings or are tired of maintaining a water supply you will love our waterless wet bulb system.

### Control your kilns over the Internet

You can both monitor and control your tobacco kilns on an iPad or PC from your home or anywhere with internet service.

- View up to 254 kilns in one yard.
- Kilns requiring action are highlighted.

You can select any kiln and check its status. You can then change the status of that kiln directly.

### Accurate Reliable Dry Bulb Measurement

We use platinum sensors enclosed in stainless steel for dry bulb measurement.

These sensors have better long term stability than thermistors.

### Advance & Hold Curing

This curing technique has been in wide spread and successful use for many years with mechanical clockwork advance mechanisms and filled systems thermostats. The DCS-4000 gives you the same ease of use but better, repeatable control over the curing process.

- Both the wet and dry bulb readings can be displayed accurately to the nearest degree.
- The advance rate is precisely controlled to the nearest 1/2 degree Fahrenheit.
- The wet bulb can be accurately controlled with the auto damper option.
- The starting temperatures are reset at the end of each cure to minimize accidents.

### Delta-T Curing

The promise of the Delta-T technique is that it can cure tobacco with less operator attention. In this technique the fan runs continuously but the furnace fires only when the temperature difference between the top and bottom of the kiln is less than a specified amount.

Initially with very wet, tightly packed tobacco the kiln will advance slowly.

As the tobacco dries the furnace will fire longer and the kiln temperature will advance faster.



## DCS-4000 from Enercorp

The tobacco can cure faster and more uniformly with less operator interaction.

- two step process, yellowing then drying.
- the wet bulb is controlled automatically.
- the advance rate is determined automatically.
- little operator intervention except at yellowing stage.

### Casing

The DCS 3000 controls casing. You can set the time as well as the dry and wet bulb temperatures for casing.

### Start Up Time Delay

The timer function is built into the DCS-4000 microprocessor. In setup mode you will be asked to set a time delay between 0 and 999 seconds in 1 second intervals. This will allow kiln fan motors to have staggered starts should a power failure occur.

### Wet Bulb Alarm

When auto damper is active, a wet bulb temperature 10 degrees or more above the set point will trigger an alarm. This alarm is also triggered when the dry bulb is 10 degrees above or below its set point.

### Tobacco Curing & Enercorp

Since 1978 Enercorp has worked with kiln manufacturers to provide the best products to measure and control tobacco curing conditions. This tobacco curing experience coupled with our electronics knowledge has created a series of leading edge products.

ENERCOP