

## Electric Grain Drying

Low-temperature electric grain drying is one of the most energy efficient ways to dry grain. The low-temperature heating process uses warm air to evaporate moisture from grain kernels. It ensures proper crop drying with minimal surveillance and makes your operation less dependent on nature for the proper drying conditions.

### How they work

Low temperature electric grain drying uses an electric element between the fan and the floor plenum to heat air. This electric heater increases the air temperature of the air that is being pushed into the bin 5-10 degrees, which results in a lower humidity rate. The lower the humidity rate the more water you can move out of the grain.

### Advantages of Low-Temperature Grain Drying

Maintains crop quality by reducing stress cracks or breaks in your grain and requires less grain handling. Results in lower labor cost with no constant supervision required while drying and no moving of grain from bin to bin. More efficient electric heater and a special heating rate from your cooperative will reduce your energy costs to dry. Using safe electricity as your energy source reduces your fire hazard and usually results in a lower fire insurance premium. A low temperature drying system can be installed in your existing bins usually with minor modifications.

### Clean Savings

Not only do electric grain drying systems operate at a 100% efficiency rate, they also qualify for a special crop-drying rate from Verendrye.

### Rebates and Financing

Rebates based on system size and low interest financing are available from Verendrye for the purchase and installation of an electric grain-drying heater. Call our member service department at 1-800-472-2141 for more details.

