

Are you still purely relying on the ambient temperature to control your fans?

There is a smarter way.



Typical Grain Aeration

Uses a timeclock feature combined with ambient condition data to control the fans

No feedback on the actual grain condition nor the position of the cooler or drying front.

Risk of over-drying and excessive fan use.

Smart Grain Aeration

Fans use a predictive algorithm that compares the actual grain condition with the ambient air

Actual feedback on the position of the cooling or drying front

No risk of over-drying and lower energy cost.

Smarter Control for Aeration



Grain Aeration that uses the condition of the grain compared with the ambient condition to stop or start the fans.

Now with accurate airflow measurement, the aeration front can be better tracked than ever before. This not only provides you with reliable indications as to when your grain will reach the temperature and/or moisture targets but the new system also allows for variable speed control of the fans in order to maintain the same airflow rate no matter what type of grain or the percentage of fill.

Remote access to monitor and/or control:



Aeration fans

Smart fans that will indicate the actual flow rate and using internal Variable Speed functions to adjust fan speed to control airflow



Generator

The generator will start when aeration is needed prior to the fans being started and only if insufficient mains power is available



Material handling

Material handling equipment control will allow for blending of grains through drag chains and integration of weigh cells



Solar supply

For remote location without any power supply, the solar system will provide enough energy to start the generator when aeration is required



Augurs

The silo sweep and augur can be integrated with the generator start Speed control of the internal augur allows for matching to the truck fill augur



Fill lids

Automatic fill lid control that will open the lid before the fan is started and also opens the lid when the silo is being emptied

Capable of more than just Aeration

You can use the same control system to also gain remote access to monitor and/or control:

Irrigation Overhead Irrigation Fuel Management

Trusted by smarter farmers and storage companies



What our clients say

"When selecting the Aeration Manager I based my decision on the capacity of the controller to activate the fans when the condition of the grain could be improved. And with the Aeration Manager's ability to predict the grain condition this is just what we needed. The capacity to integrate our drag chain equipment and a our diesel generator has provided us with a complete grain management system."

Brad Jones, Bungulla Farming

Explore the possibilities of Smarter Control for your farm.
Call +61 (08) 9300 1844 or visit smarterctrl.com to learn more.

Smarter Ctrl
Infinite Possibilities