

fumigation systems

enable you to treat insect and vermin infected storage facilities.

inline fumigating cabinets

Ideal for use with existing fans, which hook inline with your existing system for minimal fuss and an easy setup.



"We only use Smaltaire grain aeration systems knowing their products have the highest efficiency, are economical and protect our commodities from being spoilt."

Robert Ruwoldt, Australian Farmer of the Year 2012



grain aeration systems

The one-step way to dry, cool and prevent insects in your grain

grain aeration systems
making your life a breeze



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Smaltaire AIR MOVEMENT SPECIALISTS
EST. 1974
CELEBRATING OVER 40 YEARS
making your life a breeze



grain aeration systems

Benefits:

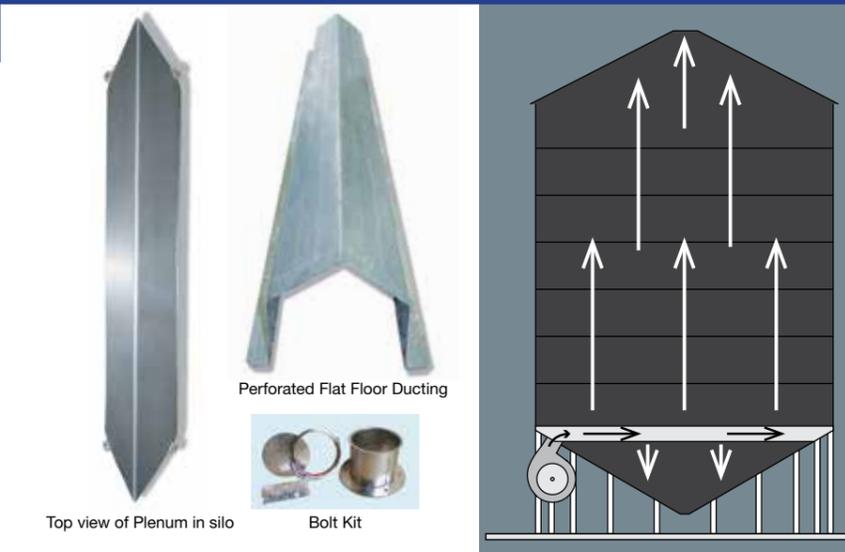
- Crops can be harvested with green patches in it
- A crop can be harvested with a higher than normal moisture content without the risk of spoiling
- Start harvesting earlier in the season and earlier in the day and continue later into the night
- If a storm was coming you could still harvest the crop with a higher than normal moisture content and get it into the silos knowing that you can dry it later and not risk storm damage to your crop
- Harvesting grain with a higher moisture content assists in the cooling cycle, it is the same principle as an evaporative airconditioner, only in this case the grain is the wet filter
- Insect and vermin numbers will be minimised, possibly eliminated and chemicals are not needed to keep insects out



Temp Probes

A temperature probe kit can be fitted to any silo and gives the user the ability to know what the temperature is inside the silo as well as the outside temperature. It also gives you the outside humidity level.

grain aeration plenums



Features:

- Air is introduced under the plenum fitted horizontally across the bottom of the silo
- When the silo is full, underneath the plenum is open airspace enabling maximum airflow
- The air is forced down then up the cone to the walls for even distribution through the silo
- Cone angles to fit all silos

grain dryers and aerators

To fit existing silos - both elevated and flat bottom and also grain sheds

Features:

- Strong pressed steel casing
- Durable hot dipped galvanised finish * Powdercoating is available upon request
- Lightweight and manoeuvrable
- Beautifully balanced for no vibration (electric)
- One fan can be moved to other sites with plenum fitted (saving multiple blowers)
- Diesel fired heaters available for faster drying
- Competitive prices and a 12 month warranty

* Specifications may vary without notice



air temp and humidity controllers

Set humidity and temperature for drying grain in the best climatic conditions. Reset the dials for aeration to blow cold, dry air through the grain.

The most inexpensive controller on the market and the only one with humidity and temperature all in one. Takes the guess work out of grain drying and you can get on to other jobs while the fans are monitored by the controller. The unit is fully portable and only the size of a shoe box.



tarpfast blower

Stops bunker tarps flapping and tearing in windy conditions

Features:

- Strong galvanized construction
- Highly efficient
- Low running costs
- Light Weight
- Choice of Electric, Petrol or Diesel powered
- Portable
- Full Kit packages
- Custom units available
- 12 Month Warranty

* Specifications may vary without notice

"I would highly recommend the Smalraire Tarpfast. After having used these units for several years at Moore Bulk Storage Horsham, we have found that our tarps last longer and suffer no ripping or ballooning in windy conditions. I believe these units have prevented any tarp losses in severe winds. The other benefits of these units are, compact design, low power consumption - a 1/3 hp motor is capable of holding down a 10,000 tonne bunker tarp."

Brett Moore - Moore Bulk Storage, Horsham

Multi Silo Manifolds

A multi silo manifold setup allows you to have the blower connected in one position. It then gives the user the ability to turn the silos you want to aerate on or off at the one time.



How Smart Fans work

When the fan is connected to two silos, the static pressure is reduced by four times (simple fan laws) this converts the static pressure back into velocity pressure increasing air flow and lowering air temperature.



Facts:

- 10,000 Tonne bunker tarp costs \$38,500 (approx)
- Tarp Lifespan is at least 3x times more with Tarpfast
- Australian made for Australian Conditions

