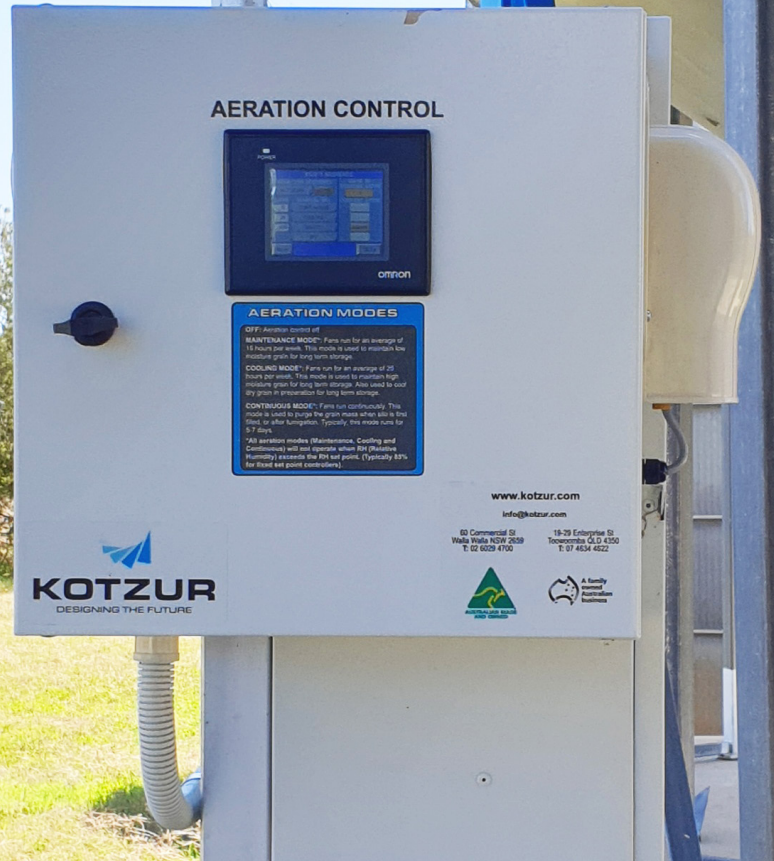




# AERATION CONTROLLER



## APPLICATION

Kotzur aeration controller is designed to operate aeration fans for a select number of hours a day, when the ambient weather conditions are optimum for cooling.

This unit is made-to-order in Australia.

## FEATURES

- Equipped with temperature and humidity sensor that reads results in real time.
- The fans will automatically turn on as needed depending on the real time temperature and humidity results.
- It can be configured to turn a generator on and off automatically to operate the fans.
- A touch screen is used to navigate through the options and set up the controller.
- There are four available setting modes to suit your needs:
  - **Continuous mode:** used to purge the grain mass when silo is first filled. Typically, this mode runs for 5-7 days.
  - **Cooling mode:** used to maintain high moisture grain for long term storage.
  - **Maintenance mode:** used to maintain low moisture grain for long term storage.
  - **Off:** After grain has cooled, during cooler months aeration will likely be unnecessary. So the fans may be turned off to save power. It is suggested intermittent (say for 4 days per month) the system would be switched to Maintenance Mode to cool areas which may have warmed up (e.g. silo walls, headspace).

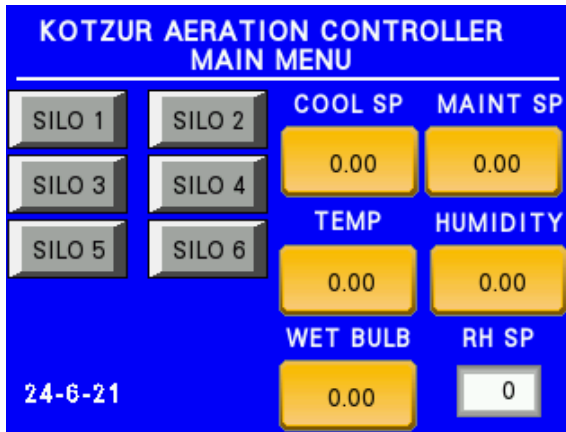
**SPECIFICATIONS** Effective 1 January 2025. Prices GST exclusive.

Number of Silos	Part No.
1	AERA'N CNTRL K1S2EC
2	AERA'N CNTRL K2S2EC
3	AERA'N CNTRL K3S2EC
4	AERA'N CNTRL K4S2EC
5	AERA'N CNTRL K5S2EC
6	AERA'N CNTRL K6S2EC
7	AERA'N CNTRL K7S2EC
8	AERA'N CNTRL K8S2EC

\* Expansion module required for 8th silo generator control.

**Kotzur EC Series Aeration Controller (2 x 6 amp/240V outputs per silo)**

- Pricing includes: 2 x 6amp/240V outputs per silo; weatherproof powdercoated cabinet and 5-inch touch screen.
- Pricing excludes: Fan motor contactors, circuit breakers and overloads.

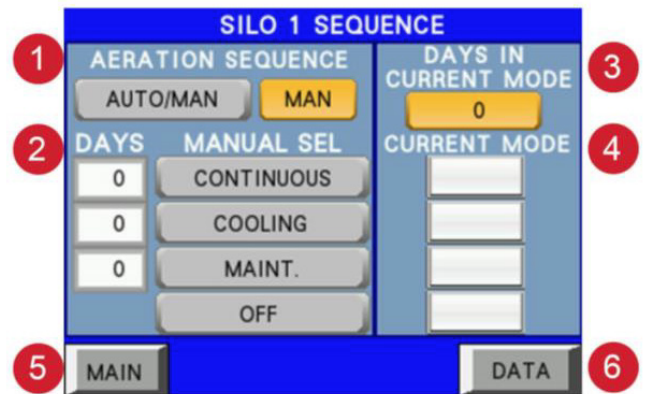


**EASY SILO STATUS NAVIGATION**

From the main screen you can navigate to any of the silos for further control and status of each of the individual silos.

**SILO AERATION SEQUENCE CONFIGURATION WINDOW**

- (1) AERATION SEQUENCE:** Press 'AUTO/MAN' to change between auto and manual modes. The selected mode is highlighted in orange.
- (2) DAYS:** While in 'AUTO', enter number of days for each mode. It will automatically change to the next mode once finished. While in 'MANUAL' mode, select the required mode and it will run in that mode until it is manually changed or stopped.
- (3) DAYS IN CURRENT MODE:** Only shown in 'AUTO' mode.
- (4) CURRENT MODE:** The name of the mode will pop up on the box to indicate the current mode.
- (5) MAIN:** Press to go back to the main window
- (6) DATA:** Press to access the Silo fan data.



**WARRANTY** - Kotzur Pty Ltd are confident in the quality of the products they design, manufacture and supply.

The following warranties apply:

- Structures including footings, elevator towers, walkways, silos etc - 5 years.
- Mechanical equipment including conveyors but excluding drive motors - 12 months.
- OEM equipment including drive motors and gearboxes - supplier warranty (generally 3 months).

This guarantee covers faulty design, engineering and workmanship; however this does not include problems arising from factors over which Kotzur has no control. These factors include footings constructed by others, negligent damage, unintended use of products, poor maintenance or care, normal wear and tear. Equipment manufactured by others and brought in by Kotzur Pty Ltd (e.g. Silo unloaders, aeration equipment) carry their respective manufacturers warranty. Please note this warranty excludes consequential losses.