



KOTZUR

PHOSPHINE FUMIGATION BOXES



A family
owned
Australian
business



APPLICATION

Designed and developed in 2010 in conjunction with fumigation trials undertaken jointly between Kotzur Pty Ltd and CSIRO.

This unit must only be used with gas tight sealed silos, tested to meet 5 minute pressure half life standard. Ref AS 2628.

FEATURES

- Recirculation is recommended for all silos in excess of 200T capacity.
- Required phosphine concentration distributed throughout all parts of the silo within 24 hours, as shown by trials conducted by CSIRO.
- When used in conjunction with Kotzur sealed silos, the units have proven to achieve concentrations at least 3x the minimum required for fumigation for up to 7 weeks. This provides a good margin to ensure extinction of insect populations. (See research results on next page).
- The box can be moved from silo to silo after fumigation.
- Ground level fumigation. Active ingredient and residue handled safely on the ground making the process much safer than fumigating in the silo headspace.
- Explosion relief panel fitted for operator protection.
- Phosphine tablets are not put into silo which eliminates the risk of fire or combustion in grain.
- When used in a correctly sealed silo, the Kotzur fumigation box significantly increases fumigant concentration and exposure time. This ensures that even highly resistant grain insect species are controlled during fumigation.

SPECIFICATIONS Effective 1 October 2024

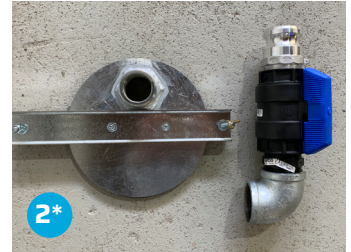
DESCRIPTION	PART NO
Fumigation Box - 2 tray (up to 500Tsilos capacity)	K07500008
Optional Fan with carry frame, hose and fittings (*1)	K07500023
Optional Modified sealing plate with fittings- GPE (*2)	K07500009
Optional 400 x 200 Louvre Ducting kit (*3)	K07500025
Expansion Kit - 2 tray to 3 tray fumigation box	K07500034

NB - Expansion Kit allows fumigation of two GPE silos simultaneously up to 810 m³.

DESCRIPTION	PART NO
Fumigation Box - 4 tray (up to 7,000Tsilos capacity)	K07500005
Connector Kit - GP (*4)	K07500024
Optional Wheel Kit (*5)	K07500006



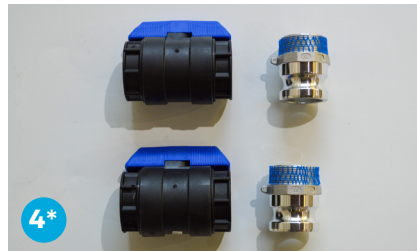
1*



2*



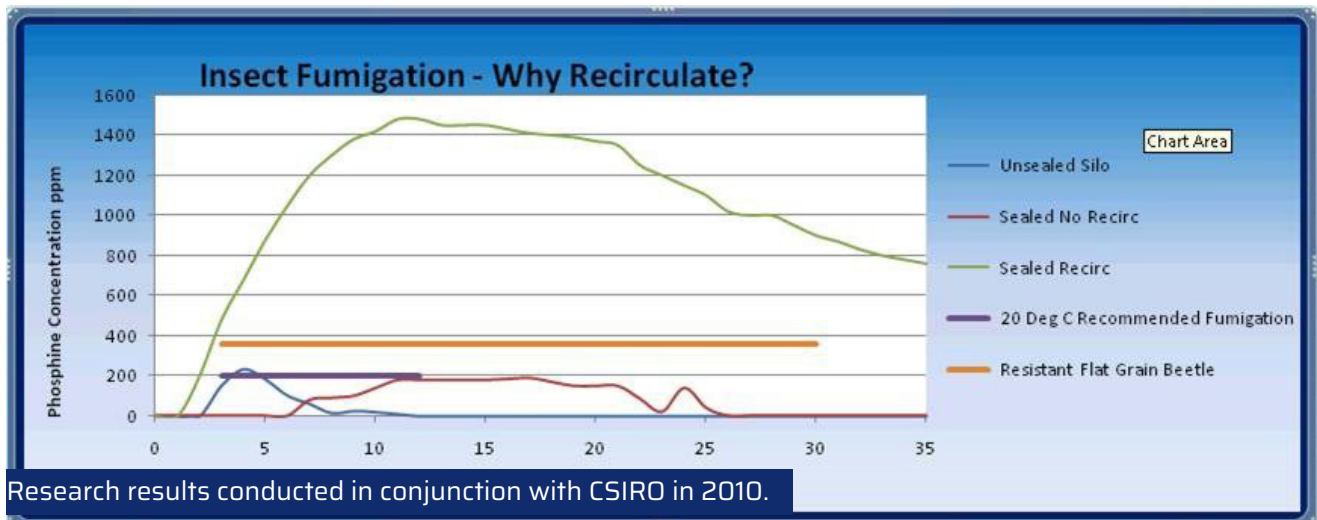
5*



4*



3*



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.

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