



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

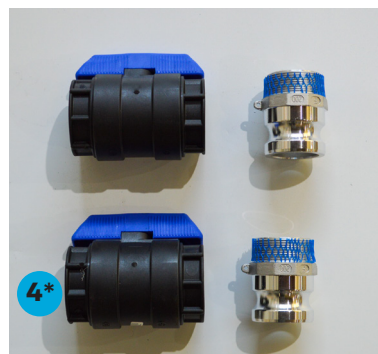
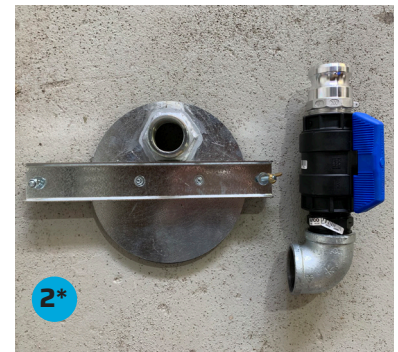
- Recirculation is recommended for all silos in excess of 200T capacity.
- Required phosphine concentration distributed throughout all parts of the silo within 24 hours, as showed by trials conducted by CSIRO.
- When used in conjunction with Kotzur sealed silos, the units have proved to achieve concentrations 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. Eliminates risk of fire/ combustion in grain.

| 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 |

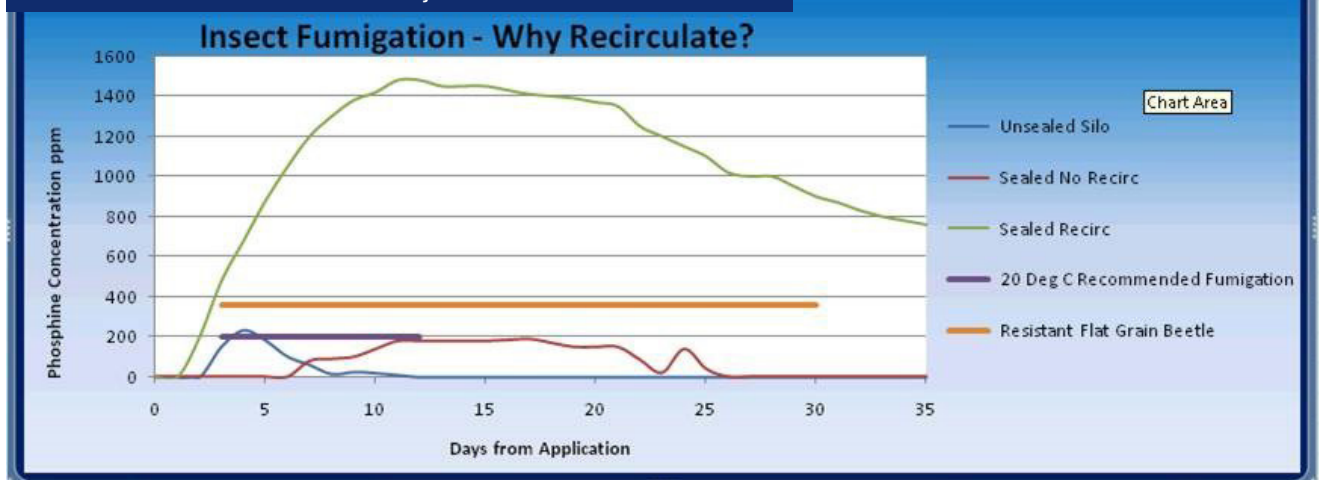
NB - Expansion Kit allows fumigation of two GPE silos simultaneously up to 810 m³

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

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.



Research results conducted in conjunction with CSIRO in 2010.



Whilst every care has been made in the preparation of this brochure, the company does not accept responsibility for inadvertent errors. It reserves the right to make changes and improvements to its products without further notice 19/07/2023