

ABRAFIT

Associação Brasileira das Empresas de Tratamento
Fitossanitário e Quarentenário

METHYL BROMIDE OPERATIONS SYSTEMS

DIFFERENT KIND OF CHAMBERS



Container or Adapted
Container



Vacuum Fumigation
Chamber



Plastic Cover

VACUUM FUMIGATION CHAMBER



- Equipment based on a high volume vacuum chamber
- Incorporates a gas condenser to recover and confine the fumigant gas
- Storage the gas in the condenser for direct reuse.

VACUUM FUMIGATION CHAMBER



- Filters (Carbon Activated And Line Water Condensation),
- Vacuum Pump
- Feeding System With Correct Dose Of The Fumigant,
- Recovery System Of The Fumigant
- Vacuum Line.

VACUUM FUMIGATION CHAMBER



RECOVERY SYSTEM OF
THE FUMIGANT ELEMENT



LATERAL VIEW OF THE
FUMIGATION CHAMBER

VACUUM FUMIGATION CHAMBER



LINE WATER CONDENSATION FILTER



FUMIGATION EQUIPMENTS



- Methyl Bromide cylinder:
198 or 220 lb (90 or 100 kg)
- Energy supplier
- Dosage pointer
- Volatilizador
- Application hose

FUMIGATION EQUIPMENTS DETAILS

CONTAINER AS FUMIGATION CHAMBER



METHYL BROMIDE APPLICATION



MEASUREMENT OF THE GAS
CONCENTRATION

FUMIGATION UNDER PLASTIC COVER



FUMIGATION UNDER PLASTIC COVER



WOOD PACKAGES
UNDER PLASTIC COVER



GAS DETECTOR

FUMIGATION UNDER PLASTIC COVER



WOOD PALLETS
AND BOXES RECEIVING
METHYL BROMIDE UNDER
PLASTIC COVER

METHYL BROMIDE EFFICIENCY – PENETRATION INTO WOOD

DEPENDS ON:

- TEMPERATURE
- MOISTURE IN THE WOOD
- AIR CIRCULATION
- TIME OF EXPOSURE
- DOSAGE

IPPC MARK IMPRESSION



“BURNED” MARK DETAILS
IN PALLETS

IPPC MARK IMPRESSION



PAINT MARK DETAILS IN WOOD PALLETS

謝謝
THANK YOU
MERCI BEAUCOUP
MUCHAS GRACIAS

bertussi@ccpu.com.br