

# Mould alert!

**Inside your pneumatic conveying blower silencer could be a factory for growing mould spores!**

***When in use the blower distributes the mould spores to the product!***

The photos on the right show product build up inside a silencer. This type of silencer has no view port or cleaning access. The silencer in the photo was cut apart using a disc grinder. It was not possible to clean it to a satisfactory standard so was discarded and replaced with a cleanable mbar trap. The air velocity in the pipeline to the process is designed to convey powder products. The silencer is in the same pipeline.

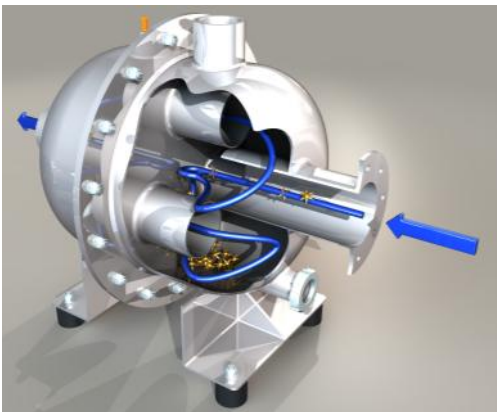


***Do you know what gick is inside your silencers?***

***Therefore, if foreign bodies get into the air stream they will end up in the product.***

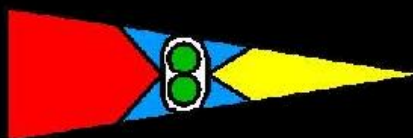
## **Solutions:**

- Inlet air should be taken from an area where the ambient dust load is low, if possible.
- Have good inlet filtration.
- Where it is not possible to guarantee the inlet air quality, use silencers that are cleanable.



## **mbar Labyrinth traps reducing product downgrade**

1. Stainless steel/white nitrile silencer/labyrinth trap.
2. Easy to disassemble and clean.
3. View port fitted to inlet side of silencer for easy inspection.
4. Check valve mounted up stream of trap so any component failure is caught in trap and seen.
5. Silencer on exhaust side so when blower seals fail lubricant is trapped and seen.



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