

## Pub cellar ventilation solutions



When a pub in the North West had a problem with condensation and mould growth in their cellar the specialist Envirowise air quality team at Timberwise were called in to find a solution.

Envirowise determined that the problems were associated with the excessive moisture present in the air within the cellar. As a result this moisture, was causing a condensation problem and in turn a mould problem. The solution was simple – the installation of an *Envirowise Cellar Positive Pressure System*.



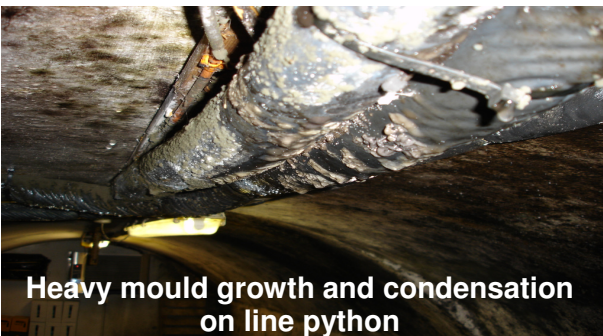
Hanging moisture beneath the python and new mould growth above

Designed to create enough air changes to replace the moist wet air trapped in the cellar in such a way as not to interfere with the normal chilling of the beers The *Envirowise Cellar Positive Pressure System* is designed to control the humidity in the toughest of cellar environments and reducing the risk of condensation and mould forming on beer lines which in turn reduces maintenance and cleaning costs.

### The Science

The principals behind the system are simple:

If the moisture laden air is replaced with clean fresh filtered dryer air any evaporation that then takes place can be absorbed into the internal atmosphere and washed out by the *Envirowise Cellar Positive Pressure System* unit before condensation has any opportunity to reform on any cold surfaces.



Heavy mould growth and condensation on line python

To work, the system requires an air supply from an external source that is then ducted to the *Envirowise Cellar Positive Pressure System*. The system is designed to deliver an air flow either directly from the main unit or if necessary further ducting can be added to a desired point within the cellar.

### Energy Saving Technology

The system benefits from our energy saving technology and operates within set temperature perimeters hence the annual running costs are only around £10.00 per year.



Cellar Positive Pressure System with air input direction grill

**For more information about the  
Envirowise Cellar Positive Pressure  
System call 0800 288 8661**



External air in-take grill

Envirowise is part of

**TIMBERWISE**  
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