

# Perma-Vent

## Condensation Control Vent



### Description

The Perma-Vent Condensation Control Vent is specifically designed to alleviate localised condensation in areas of high humidity including lounges, kitchens, bathrooms and bedrooms. The Perma-Vent contains no moving parts and requires no maintenance. It works on the scientific principle that when the room temperature and humidity are greater internally than those externally moist air is ventilated outside the building due to vapour air differences.

The Perma-Vent contains a vapour permeable membrane, this membrane allows moisture out of the building without allowing a draught back inside. This means moisture laden air is naturally ventilated externally to maintain lower internal humidity levels. This significantly reduces or eliminates surface condensation, the main cause for mould growth.

Many systems are available on the market which successfully control condensation problems - electric extractor fans, heat recovery units, dehumidifiers, positive pressure fans etc. but all are costly to install and run in comparison to a Perma-Vent Condensation Control Vent. It is possible in severe instances that one of these alternatives is required to remedy the condensation.

### Features

- New internal and external grille design to improve airflow
- Free area 7,283mm<sup>2</sup>
- Fly screen included in both internal and external grill
- Anti-draught vapour permeable membrane
- Easy installation with a core cutter
- Over 15 years proven performance
- Maintenance free (no moving parts)
- Unobtrusive design, low-profile grilles
- Available with white or terracotta external grilles
- Installation instructions are provided with every unit

### Treatment of residual moulds

The installed Perma-Vent Condensation Control Vent reduces the humidity conditions that give rise to the original mould growth but cannot remove or deal with the residual black mould stains themselves. The residual mould stains can however be dealt with in a two stage process which effectively eliminates the unsightly mould residue. First, the moulds normally accumulating on walls/ceilings or in damp corners are treated with a special mould removal wash or spray designed to kill and sanitize mould spores. Secondly, after having treated, the mould with the special fungicidal wash, the ceiling or wall should be re-decorated with an anti-mould emulsion paint to prevent further outbreak of mould.

### Performance

Maximum water vapour transmission  
@20°C /24 hrs = 1-1.3 litres

### Dimensions

Tube Diameter:  
ID +/- 0.4mm 103.2mm OD +/- 0.4mm  
Length 350mm (Can be cut to suit wall width) Min 220mm  
Vent end: W: 155mm H: 155mm D: 15mm