

DOMUS VENTILATION CONDENSATION TRAPS

TECHNICAL DATA SHEET

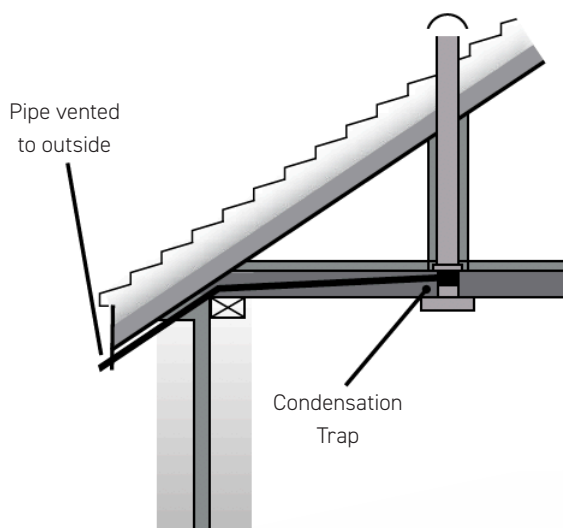
KEY FEATURES

- ▶ Recommended in both the Building Regulations and NHBC Standards
- ▶ Removes condensation risks from unheated areas
- ▶ Real advantages over using insulated hose
- ▶ Simple to install and handle
- ▶ Cost effective solution
- ▶ Suitable for use with 100mm ducting
- ▶ Specifically designed for ventilation applications



CONDENSATION PROBLEMS

When a ventilation duct is installed in an unheated area, such as a cold loft space, condensation can form on the inside of the duct. This moisture can run down the duct and create a potential hazard, such as dripping onto the electrical connections of a fan or cooker hood.



Verical exit through roof void

THE SOLUTION

A condensation trap can be used to prevent this problem occurring. The trap is simply connected to the system as part of the vertical duct run and an internal gutter within the trap collects the moisture and then drains it out through a standard overflow-pipe to the outside. This ensures that the moisture cannot enter a potentially hazardous area. The condensation trap should be installed as low as possible, whilst still high enough to maintain a fall on the overflow-pipe.

Alternatively, Domus Ventilation insulated hose may be used but it can be more awkward and time consuming to install. However, it is ideal if a condensation trap cannot be connected to the duct for installation reasons, or the overflow-pipe cannot drain to the outside due to lack of access or the distance involved.

For additional thermal requirements the Domus Ventilation ThermaPipe range of insulated pipe, in conjunction with Domus Ventilation condensation traps can be used to create a more professional installation.

It is vital that the solution to condensation problems is carried out in accordance with the latest relevant Building Regulations and or NHBC Standards.

THE REGULATIONS

Approved Document F of the Building Regulations (2006) state: "Where a duct rises vertically it may be necessary to fit a condensation trap in order to prevent backflow of any moisture into the product."

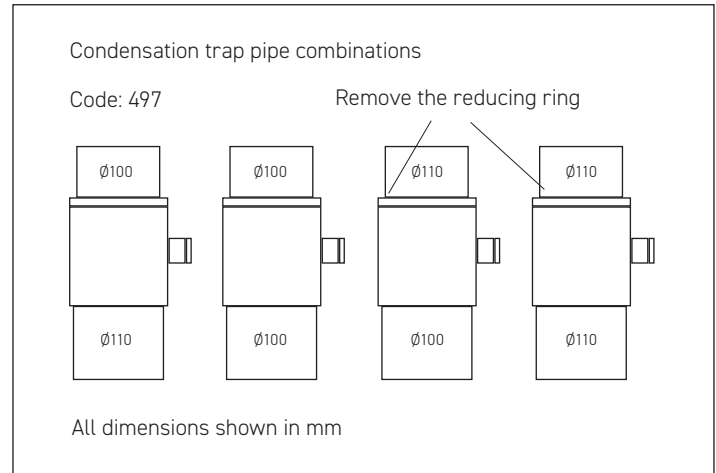
NHBC Standards 2018 state: "Ductwork should be insulated to prevent condensation formation where:"

- ▶ Carrying cold air through spaces that are within the insulated parts of the home.
- ▶ It passes through spaces outside the insulated parts of the home such as roof void

DOMUS VENTILATION CONDENSATION TRAPS

The Domus Ventilation range of condensation traps is the only range of condensation traps specifically designed for round plastic ventilation ducting and offer the installer a simple, effective and inexpensive installation solution.

The 100mm condensation trap 497 has, for many years, provided the solution for 100mm ventilation pipe (also suitable for 110mm soil pipe).



Code	Description
497	100/110mm Condensation Trap with Overflow Connection

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