



## **RUK PASSIVE AIR VENT**

### PASSIVE VENTILATION SYSTEM

#### **Equipment Required:**

8 x size 6, 1¼ inch screw  
8 x size 6 Wall plugs  
1 x 6mm masonry drill bit  
1 x 4¼ inch diamond core drill  
Hammer drill  
Hacksaw

#### **Installation Instructions:**

**Survey the property carefully and identify the best site for the vent. Condensation problems, dampness and mould growth are stimulated by high levels of humidity, this area is where the vent is best situated for maximum effect.**

**Identify an area in the room with an outside wall which is clear of obstruction, both inside and out – check for water and soil pipes, wiring and other obstructions before finalising your installation position.**

1. The RUK passive air vent is designed to be installed with a 4¼ inch core drill system. The hole needs to be angled downwards slightly to a max of 1.5° from the horizontal towards the external of the wall. This is to ensure no water can run inwards.
2. When the desired position is located for the vent, drill the 4¼ inch core making sure that masonry does not fall and injure people or damage property below.
3. Measure the length of the hole between the outside brick face and the internal plaster work. Now cut the tube with a hacksaw accurately to the required length
4. Remove the inner vent end and install the vent from the outside.
5. Make sure the slats on the vent housing are faced downwards then drill holes into the brick work through the pre-cut holes in the plastic grille housing. Insert wall plugs and screw into place. (Do not over tighten as this may split the plastic)
6. Make sure the vapour permeable membrane is central to the tube length then place internal vent end into the pipe making sure the slats on the grille housing are facing downwards. Drill holes into the brickwork/plaster through the pre-cut holes in the plastic grille housing. Insert wall plugs and screw into place. (Do not over tighten as this may split the plastic)

Restoration UK Ltd  
Unit 3, 18 Hanford Way  
Loughborough  
Leicestershire LE11 1LS  
Web: [www.restorationuk.com](http://www.restorationuk.com) Email: [info@restorationuk.com](mailto:info@restorationuk.com)  
Tel: 01509 217750