



# HOME 'N' DRY WALL

## POSITIVE INPUT VENTILATION UNIT

### USER'S INSTRUCTIONS

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#### What is the HOME 'N' DRY WALL ventilation unit ?

**HOME 'N' DRY WALL** is a domestic ventilation unit that continuously provides fresh, filtered air to the dwelling, thereby improving the living environment for buildings with flat roofs, multistorey flats and maisonettes. **HOME 'N' DRY WALL** effectively combats serious condensation and its effects by using heat energy that would otherwise be wasted within the dwelling. In addition, the unit is very cheap to run when compared with other household appliances, for example a video recorder.

#### How does it work ?

**HOME 'N' DRY WALL** draws in fresh air from the outside and passes it through a filter to remove dust particles before supplying it, at positive pressure, to a central area of the dwelling (typically into the hallway) at ceiling level. This fresh air then forces the existing domestic air to the outside atmosphere by natural ventilation. Since the filtered air emerges at the upper level of the dwelling, it mixes with the warm air that naturally gathers at ceiling height, thereby utilising the heat energy already provided by your heating system. The efficiency of **HOME 'N' DRY WALL** can be enhanced by making use of an existing heat source within the dwelling, such as an airing cupboard, or even the heat generated within the kitchen. By routing the ducting through such a heat source, the pre-warmed filtered air is able to absorb more moisture from the domestic atmosphere, which reduces condensation even further.

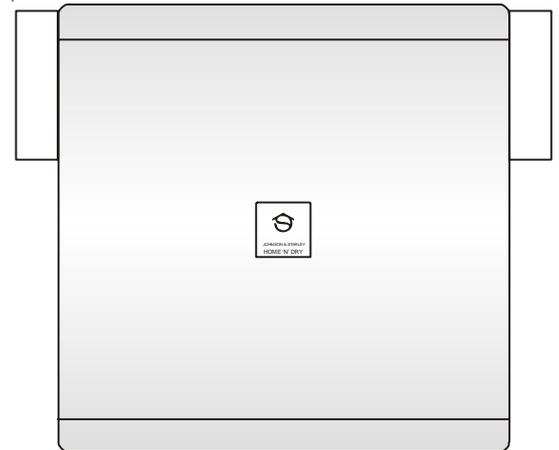
On some units, a small heating element is fitted inside the unit in order to slightly raise the temperature of the incoming air.

#### How do I control the unit?

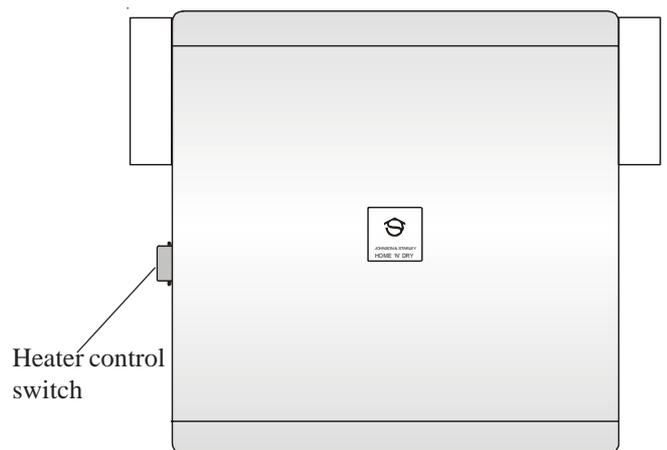
**HOME 'N' DRY WALL** is self sufficient and once it has been commissioned by the installer will need virtually no further attention, providing continuous, trouble free use for many years to come.

On units fitted with the duct heater there will be a push switch fitted on either the right or left hand side of the unit. When the heater is on, the switch will glow red, simply push the switch in order to turn the heater on or off.

**Note: the heater has a 300W element (the average light bulb is 60W) and is designed to slightly raise the temperature of the incoming air but it is not thermostatically controlled. Therefore, when it is not required, you will need to switch the heater off manually.**



HOME 'N' DRY WALL UNIT



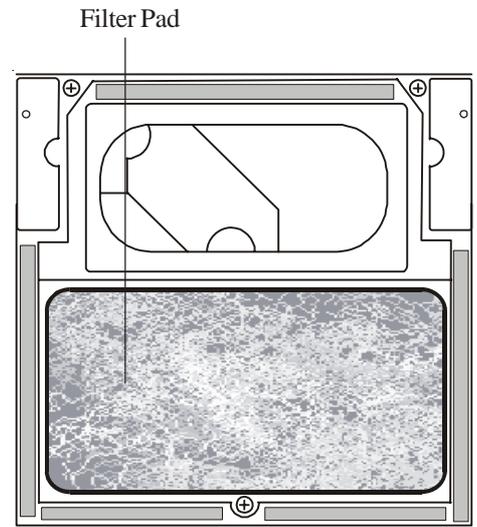
HOME 'N' DRY WALL UNIT  
With duct heater

## What maintenance is required?

**HOME'N'DRY WALL** is designed to be virtually maintenance free. The only component that requires maintenance is the filter, which will require cleaning approximately twice a year. To do this, remove the front cover by pulling it away from the main body . The filter is located at the bottom of the unit (see fig. 1) and can be removed by pulling it off the Velcro pads holding it in place. Clean the filter with a soft brush or vacuum cleaner and refit the filter by pressing it firmly onto the Velcro pads. Finally, refit the front cover.

## Can I clean the unit?

Yes, but you **MUST** turn off the power to the unit before cleaning!  
The unit casing is moulded from fire retardant ABS (acrylonitrile butadiene styrene) and can be cleaned using a soft dampened cloth. Under no circumstances should you use cleaning materials or compounds that contains abrasives or chemicals likely to cause damage to ABS. If in doubt, consult the manufacturers of the cleaning compound.



**Fig.1**  
**Unit with cover removed**

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